Wednesday, January 27, 2021

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

Project ID: 43 FRANKLIN AVE BK
SDG ID: GCH49565
Sample ID#s: CH49565 - CH49575

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

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

SDG Comments

January 27, 2021

SDG I.D.: GCH49565

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

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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NY # 11301

Sample Id Cross Reference

January 27, 2021

SDG I.D.: GCH49565

Project ID: 43 FRANKLIN AVE BK

Client Id	Lab Id	Matrix
B1 (0-2)	CH49565	SOIL
B3 (0-2)	CH49566	SOIL
B6 (0-2)	CH49567	SOIL
B1 (12-14)	CH49568	SOIL
B2 (12-14)	CH49569	SOIL
B3 (12-14)	CH49570	SOIL
B4 (12-14)	CH49571	SOIL
B5 (12-14)	CH49572	SOIL
B6 (16-18)	CH49573	SOIL
B7 (12-14)	CH49574	SOIL
B8 (12-14)	CH49575	SOIL

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Analysis Report

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49565

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	7340	39	7.8	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	16.2	0.78	0.78	mg/Kg	1	01/21/21	EK	SW6010D
Barium	939	0.8	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.44	0.31	0.16	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	34000	39	36	mg/Kg	10	01/21/21	EK	SW6010D
Cadmium	2.38	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	9.15	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	35.4	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Copper	131	0.8	0.39	mg/kg	1	01/21/21	EK	SW6010D
Iron	57400	39	39	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	1.89	0.08	0.05	mg/Kg	5	01/21/21	RS	SW7471B
Potassium	864	8	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	4410	3.9	3.9	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	1120	3.9	3.9	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	419	8	3.3	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	31.4	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Lead	406	0.8	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.9	3.9	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.6	1.3	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	32.6	0.39	0.39	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	800	7.8	3.9	mg/Kg	10	01/21/21	EK	SW6010D
Percent Solid	86			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (0-2)

Phoenix I.D.: CH49565

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		26	5.1	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		26	5.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	17	JS	26	5.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		5.1	2.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	2.8	J	5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C	

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (0-2)

Phoenix I.D.: CH49565

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND		31	5.1	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND		5.1	5.1	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	2.8	J	10	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		10	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND		5.1	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	93				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	95				%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		77	41	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	93				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	95				%	1	01/21/21	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		20	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND		5.1	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND		20	0.51	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND		100	20	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (0-2)

Phoenix I.D.: CH49565

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND		270	94	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND		270	270	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	160	J	270	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND		270	270	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND		270	240	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	180	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND		380	760	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		230	76	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND		300	180	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND		380	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND		380	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	480		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	1100		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND		300	300	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	2100		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	8900		2700	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Benzidine	ND		380	220	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	9700		1900	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	8100		2700	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	7000		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	4600		270	130	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND		1900	760	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND		270	98	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		270	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	870		190	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	10000		2700	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	2100		190	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	380		270	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND		270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND		270	100	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND		270	98	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	15000		2700	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Fluorene	550		270	130	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (0-2)

Phoenix I.D.: CH49565

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	6900	270	130	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	350	270	110	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	7400	270	110	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	270	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	16000	2700	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Pyridine	ND	270	94	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	58			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	54			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	50			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	57			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	58			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	65			%	1	01/21/21	WB	30 - 130 %	
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

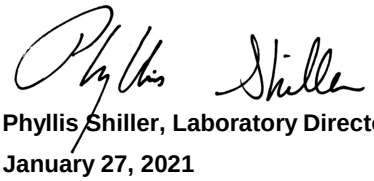
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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

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

January 27, 2021

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49566

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	6250	40	8.0	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	13.4	0.80	0.80	mg/Kg	1	01/21/21	EK	SW6010D
Barium	403	0.8	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.53	0.32	0.16	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	7200	4.0	3.7	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	2.46	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	10.7	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	33.7	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Copper	147	8.0	4.0	mg/kg	10	01/21/21	EK	SW6010D
Iron	44000	40	40	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	0.67	0.07	0.04	mg/Kg	5	01/21/21	RS	SW7471B
Potassium	1110	8	3.1	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2370	4.0	4.0	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	385	4.0	4.0	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	154	8	3.4	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	30.7	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Lead	420	0.8	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	4.2	4.0	4.0	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.6	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.6	1.6	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	42.3	0.40	0.40	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	642	8.0	4.0	mg/Kg	10	01/21/21	EK	SW6010D
Percent Solid	87			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (0-2)

Phoenix I.D.: CH49566

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		320	64	ug/Kg	50	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		320	64	ug/Kg	50	01/21/21	JLI	SW8260C	B
1,2,3-Trichloropropane	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		320	64	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		320	64	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		320	64	ug/Kg	50	01/21/21	JLI	SW8260C	
2-Hexanone	ND		28	5.6	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	11	JS	28	5.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		11	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		5.6	2.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		320	32	ug/Kg	50	01/21/21	JLI	SW8260C	

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (0-2)

Phoenix I.D.: CH49566

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Methyl Ethyl Ketone	ND	34	5.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Methylene chloride	ND	5.6	5.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Naphthalene	ND	320	64	ug/Kg	50	01/21/21	JLI	SW8260C	B
n-Butylbenzene	ND	320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
n-Propylbenzene	ND	320	64	ug/Kg	50	01/21/21	JLI	SW8260C	
o-Xylene	ND	5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
p-Isopropyltoluene	ND	320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
sec-Butylbenzene	ND	320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
Styrene	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
tert-Butylbenzene	ND	320	32	ug/Kg	50	01/21/21	JLI	SW8260C	
Tetrachloroethene	20	5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	2.8	ug/Kg	1	01/21/21	JLI	SW8260C	
Toluene	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	640	160	ug/Kg	50	01/21/21	JLI	SW8260C	
Trichloroethene	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Vinyl chloride	ND	5.6	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94			%	1	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene	76			%	1	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane	109			%	1	01/21/21	JLI	70 - 130 %	
% Toluene-d8	82			%	1	01/21/21	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	102			%	50	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	96			%	50	01/21/21	JLI	70 - 130 %	
% Toluene-d8 (50x)	97			%	50	01/21/21	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	84	45	ug/kg	1	01/21/21	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94			%	1	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene	76			%	1	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane	109			%	1	01/21/21	JLI	70 - 130 %	
% Toluene-d8	82			%	1	01/21/21	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	23	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrolein	ND	5.6	1.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND	23	0.56	ug/Kg	1	01/21/21	JLI	SW8260C	
Tert-butyl alcohol	ND	110	23	ug/Kg	1	01/21/21	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (0-2)

Phoenix I.D.: CH49566

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	01/21/21	WB	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	260	94	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	980	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	390	260	150	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	380	750	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	75	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	300	180	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	380	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	5700	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	7000	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	26000	2600	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benz(a)anthracene	110000	26000	13000	ug/Kg	100	01/21/21	WB	SW8270D	
Benzidine	ND	380	220	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	70000	1900	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	70000	2600	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	32000	2600	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	4700	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1900	750	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	5400	190	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	110000	26000	13000	ug/Kg	100	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	14000	1900	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Dibenzofuran	4200	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (0-2)

Phoenix I.D.: CH49566

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Di-n-butylphthalate	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	97	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	170000	26000	12000	ug/Kg	100	01/21/21	WB	SW8270D	
Fluorene	9500	2600	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Hexachlorobenzene	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	39000	2600	1300	ug/Kg	10	01/21/21	WB	SW8270D	
Isophorone	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	2000	260	110	ug/Kg	1	01/21/21	WB	SW8270D	B
Nitrobenzene	ND	190	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	230	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	110000	26000	11000	ug/Kg	100	01/21/21	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	150000	26000	13000	ug/Kg	100	01/21/21	WB	SW8270D	
Pyridine	ND	260	93	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	63			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	54			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	56			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	58			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	62			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	83			%	1	01/21/21	WB	30 - 130 %	
% 2,4,6-Tribromophenol (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out			%	10	01/21/21	WB	30 - 130 %	
% 2,4,6-Tribromophenol (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5 (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
% Phenol-d5 (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
% Terphenyl-d14 (100x)	Diluted Out			%	100	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	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.
B = Present in blank, no bias suspected.

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

Comments:

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

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

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

January 27, 2021

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49567

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	4410	35	7.0	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	9.59	0.70	0.70	mg/Kg	1	01/21/21	EK	SW6010D
Barium	523	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.30	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	35800	35	32	mg/Kg	10	01/21/21	EK	SW6010D
Cadmium	2.59	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	6.33	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	22.8	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Copper	158	7.0	3.5	mg/kg	10	01/21/21	EK	SW6010D
Iron	33400	35	35	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	0.40	0.07	0.04	mg/Kg	5	01/21/21	RS	SW7471B
Potassium	609	7	2.7	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	13600	35	35	mg/Kg	10	01/21/21	EK	SW6010D
Manganese	605	3.5	3.5	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	260	7	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	37.3	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Lead	399	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	9.6	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	37.3	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	521	7.0	3.5	mg/Kg	10	01/21/21	EK	SW6010D
Percent Solid	94			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (0-2)

Phoenix I.D.: CH49567

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		280	57	ug/Kg	50	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		280	57	ug/Kg	50	01/21/21	JLI	SW8260C	B
1,2,3-Trichloropropane	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		280	57	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		280	57	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		280	57	ug/Kg	50	01/21/21	JLI	SW8260C	
2-Hexanone	ND		32	6.4	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		32	6.4	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	22	JS	32	6.4	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		13	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		6.4	2.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		280	28	ug/Kg	50	01/21/21	JLI	SW8260C	

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (0-2)

Phoenix I.D.: CH49567

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Methyl Ethyl Ketone	ND	39	6.4	ug/Kg	1	01/21/21	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	13	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Methylene chloride	ND	6.4	6.4	ug/Kg	1	01/21/21	JLI	SW8260C	
Naphthalene	ND	280	57	ug/Kg	50	01/21/21	JLI	SW8260C	B
n-Butylbenzene	ND	280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
n-Propylbenzene	ND	280	57	ug/Kg	50	01/21/21	JLI	SW8260C	
o-Xylene	ND	6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
p-Isopropyltoluene	ND	280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
sec-Butylbenzene	ND	280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
Styrene	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
tert-Butylbenzene	ND	280	28	ug/Kg	50	01/21/21	JLI	SW8260C	
Tetrachloroethene	ND	6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	13	3.2	ug/Kg	1	01/21/21	JLI	SW8260C	
Toluene	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	570	140	ug/Kg	50	01/21/21	JLI	SW8260C	
Trichloroethene	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Trichlorofluoromethane	ND	6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Vinyl chloride	ND	6.4	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene	75			%	1	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	01/21/21	JLI	70 - 130 %	
% Toluene-d8	87			%	1	01/21/21	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	97			%	50	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	103			%	50	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	96			%	50	01/21/21	JLI	70 - 130 %	
% Toluene-d8 (50x)	96			%	50	01/21/21	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	97	51	ug/kg	1	01/21/21	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %	
% Bromofluorobenzene	75			%	1	01/21/21	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	01/21/21	JLI	70 - 130 %	
% Toluene-d8	87			%	1	01/21/21	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	26	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrolein	ND	6.4	1.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND	26	0.64	ug/Kg	1	01/21/21	JLI	SW8260C	
Tert-butyl alcohol	ND	130	26	ug/Kg	1	01/21/21	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	01/21/21	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	01/21/21	WB	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (0-2)

Phoenix I.D.: CH49567

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Diphenylhydrazine	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
1,3-Dichlorobenzene	ND		240	100	ug/Kg	1	01/21/21	WB	SW8270D	
1,4-Dichlorobenzene	ND		240	100	ug/Kg	1	01/21/21	WB	SW8270D	
2,4,5-Trichlorophenol	ND		240	190	ug/Kg	1	01/21/21	WB	SW8270D	
2,4,6-Trichlorophenol	ND		170	110	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND		170	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND		240	86	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND		240	240	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND		170	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND		170	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND		240	99	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND		240	99	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	170	J	240	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND		350	690	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	250		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	950		240	97	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND		280	280	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	1800		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	7100		2400	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benzidine	ND		350	200	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	11000		1700	1100	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	8100		2400	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	7500		2400	1100	ug/Kg	10	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	3900		240	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND		240	90	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	96	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND		170	94	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	97	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND		240	100	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	370		170	140	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	6200		240	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	2000		170	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	110	J	240	100	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (0-2)

Phoenix I.D.: CH49567

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND		240	90	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	11000		2400	1100	ug/Kg	10	01/21/21	WB	SW8270D	
Fluorene	310		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	7600		2400	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Isophorone	ND		170	97	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	240	J	240	100	ug/Kg	1	01/21/21	WB	SW8270D	B
Nitrobenzene	ND		170	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND		240	98	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND		210	130	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	4200		240	99	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND		240	110	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	14000		2400	1200	ug/Kg	10	01/21/21	WB	SW8270D	
Pyridine	ND		240	85	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	69				%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	59				%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	56				%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	62				%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	63				%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	75				%	1	01/21/21	WB	30 - 130 %	
% 2,4,6-Tribromophenol (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out				%	10	01/21/21	WB	30 - 130 %	
Field Extraction	Completed						01/19/21		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	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.
B = Present in blank, no bias suspected.

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

Comments:

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

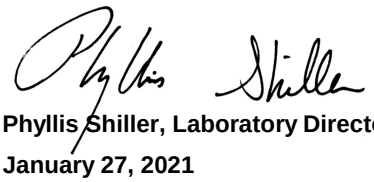
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

January 27, 2021

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49568

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	9300	35	7.0	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	4.12	0.70	0.70	mg/Kg	1	01/21/21	EK	SW6010D
Barium	21.6	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.46	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	714	3.5	3.2	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.51	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	6.79	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	14.3	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Copper	9.9	0.7	0.35	mg/kg	1	01/21/21	EK	SW6010D
Iron	14200	35	35	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	977	7	2.7	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2200	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	102	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Sodium	56	7	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	10.1	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Lead	5.4	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	24.6	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	26.8	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	89			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (12-14)

Phoenix I.D.: CH49568

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		26	5.2	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		26	5.2	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	12	JS	26	5.2	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		5.2	2.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	5.2	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	5.2	5.2	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	5.2	1.3	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	78	41	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	21	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	5.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	21	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	100	21	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (12-14)

Phoenix I.D.: CH49568

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	190	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	260	240	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	370	750	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	75	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1900	750	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	190	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	260	99	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	96	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B1 (12-14)

Phoenix I.D.: CH49568

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	190	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	190	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	190	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	190	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	260	92	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	66			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	52			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	48			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	55			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	74			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

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
January 27, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49569

Project ID: 43 FRANKLIN AVE BK
Client ID: B2 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	8440	36	7.1	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	2.04	0.71	0.71	mg/Kg	1	01/21/21	EK	SW6010D
Barium	51.2	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.53	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	1280	3.6	3.3	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.77	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	9.03	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	20.9	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Copper	25.7	0.7	0.36	mg/kg	1	01/21/21	EK	SW6010D
Iron	28000	36	36	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	1870	7	2.8	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2010	3.6	3.6	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	505	3.6	3.6	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	100	7	3.1	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	15.1	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Lead	6.9	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	35.4	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	35.2	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	90			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B2 (12-14)

Phoenix I.D.: CH49569

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		13	2.6	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		13	2.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	7.4	JS	13	2.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		2.6	1.0	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	16	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.2	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	2.6	2.6	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	5.2	1.3	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	5.2	1.3	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	2.6	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	39	21	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	10	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	2.6	0.52	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	10	0.26	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	52	10	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B2 (12-14)

Phoenix I.D.: CH49569

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	150	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	370	740	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	74	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	300	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	300	300	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	370	220	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	740	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	95	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	260	98	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	95	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B2 (12-14)

Phoenix I.D.: CH49569

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	260	91	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	62			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	66			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	64			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	71			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	81			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 27, 2021

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49570

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	3940	34	6.7	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	1.55	0.67	0.67	mg/Kg	1	01/21/21	EK	SW6010D
Barium	45.1	0.7	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.29	0.27	0.13	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	880	3.4	3.1	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.49	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	6.57	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	11.9	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Copper	12.3	0.7	0.34	mg/kg	1	01/21/21	EK	SW6010D
Iron	15600	34	34	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	829	7	2.6	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	1320	3.4	3.4	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	504	3.4	3.4	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	81	7	2.9	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	9.06	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Lead	5.8	0.7	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.4	3.4	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.3	1.1	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.3	1.3	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	23.2	0.34	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	21.6	0.7	0.34	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	93			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (12-14)

Phoenix I.D.: CH49570

Volatiles

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1,1,2-Tetrachloroethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		10	2.1	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		10	2.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	10	JS	10	2.1	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		4.2	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		2.1	0.84	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	13	2.1	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.2	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	2.1	2.1	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.2	1.0	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	2.1	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	103			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	31	17	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	103			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	8.4	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	2.1	0.42	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	8.4	0.21	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	42	8.4	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (12-14)

Phoenix I.D.: CH49570

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	250	220	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	350	700	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	70	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	350	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	350	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	700	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	95	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	250	94	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	250	91	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B3 (12-14)

Phoenix I.D.: CH49570

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	99	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	250	87	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	64			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	62			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	62			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	68			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	89			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

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
January 27, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49571

Project ID: 43 FRANKLIN AVE BK
Client ID: B4 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	9210	33	6.5	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	2.22	0.65	0.65	mg/Kg	1	01/21/21	EK	SW6010D
Barium	57.6	0.7	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.58	0.26	0.13	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	916	3.3	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.77	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	9.33	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	22.4	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Copper	19.6	0.7	0.33	mg/kg	1	01/21/21	EK	SW6010D
Iron	24100	33	33	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	2130	7	2.6	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2900	3.3	3.3	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	593	3.3	3.3	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	71	7	2.8	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	18.9	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Lead	6.4	0.7	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.3	3.3	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.3	1.1	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.3	1.3	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	33.9	0.33	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	40.8	0.7	0.33	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	92			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B4 (12-14)

Phoenix I.D.: CH49571

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND	18	3.7	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND	18	3.7	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	ND	18	3.7	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND	7.4	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND	3.7	1.5	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND		22	3.7	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		7.4	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND		3.7	3.7	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	3.1	J	3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND		7.4	1.8	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		7.4	1.8	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	0.38	J	3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND		3.7	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96				%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		55	30	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96				%	1	01/21/21	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		15	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND		3.7	0.74	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND		15	0.37	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND		74	15	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B4 (12-14)

Phoenix I.D.: CH49571

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	360	720	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	72	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	720	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	97	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	250	96	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	250	93	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B4 (12-14)

Phoenix I.D.: CH49571

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	48			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	49			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	57			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	82			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

If 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
January 27, 2021
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

Analysis Report

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49572

Project ID: 43 FRANKLIN AVE BK
Client ID: B5 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	6980	38	7.5	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	1.47	0.75	0.75	mg/Kg	1	01/21/21	EK	SW6010D
Barium	35.7	0.8	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.35	0.30	0.15	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	807	3.8	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.52	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	5.73	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	15.8	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Copper	10.4	0.8	0.38	mg/kg	1	01/21/21	EK	SW6010D
Iron	16900	38	38	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	1170	8	2.9	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2240	3.8	3.8	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	267	3.8	3.8	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	66	8	3.2	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	12.9	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Lead	3.4	0.8	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.8	3.8	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.5	1.3	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.5	1.5	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	21.4	0.38	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	26.3	0.8	0.38	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	91			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B5 (12-14)

Phoenix I.D.: CH49572

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		22	4.3	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		22	4.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	13	JS	22	4.3	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		8.7	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		4.3	1.7	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C	

Ver 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND		26	4.3	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		8.7	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND		4.3	4.3	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	2.8	J	8.7	2.2	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND		8.7	2.2	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND		4.3	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	98				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96				%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		65	35	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100				%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	98				%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96				%	1	01/21/21	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		17	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND		4.3	0.87	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND		17	0.43	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND		87	17	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B5 (12-14)

Phoenix I.D.: CH49572

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	370	730	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	370	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	730	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	94	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	99	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	260	97	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	94	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B5 (12-14)

Phoenix I.D.: CH49572

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	260	90	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	64			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	61			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	57			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	63			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	78			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

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
January 27, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

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

Analysis Report

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49573

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (16-18)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	5760	36	7.1	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	2.07	0.71	0.71	mg/Kg	1	01/21/21	EK	SW6010D
Barium	53.0	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.48	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	1450	3.6	3.3	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.73	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	9.45	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	19.3	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Copper	19.9	0.7	0.36	mg/kg	1	01/21/21	EK	SW6010D
Iron	23300	36	36	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	1700	7	2.8	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2300	3.6	3.6	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	531	3.6	3.6	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	104	7	3.1	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	16.7	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Lead	7.0	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.6	3.6	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	32.9	0.36	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	44.7	0.7	0.36	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	89			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (16-18)

Phoenix I.D.: CH49573

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND	7.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND	3.9	1.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (16-18)

Phoenix I.D.: CH49573

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	3.9	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.9	2.0	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.9	2.0	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	59	31	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	16	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	3.9	0.79	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	16	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	79	16	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (16-18)

Phoenix I.D.: CH49573

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	260	260	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	260	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	370	730	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	220	73	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	290	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	370	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	370	170	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	290	290	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	370	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	730	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	94	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	99	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	150	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	260	97	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	94	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B6 (16-18)

Phoenix I.D.: CH49573

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	260	110	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	220	140	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	260	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	260	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	260	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	260	90	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	80			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	63			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	63			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	62			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	71			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	86			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

If 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
January 27, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49574

Project ID: 43 FRANKLIN AVE BK
Client ID: B7 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	9390	35	7.0	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	1.74	0.70	0.70	mg/Kg	1	01/21/21	EK	SW6010D
Barium	63.7	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	1.00	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	357	3.5	3.2	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.60	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	19.8	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	17.9	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Copper	16.7	0.7	0.35	mg/kg	1	01/21/21	EK	SW6010D
Iron	15000	35	35	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	1110	7	2.7	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	1960	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	95.9	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Sodium	51	7	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	34.3	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Lead	4.9	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	26.2	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	76.0	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	92			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/A	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B7 (12-14)

Phoenix I.D.: CH49574

Volatiles

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1,1,2-Tetrachloroethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND		18	3.6	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		18	3.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	4.5	JS	18	3.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND		7.2	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND		3.6	1.4	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND		3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND		3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	22	3.6	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.2	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	3.6	3.6	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.2	1.8	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.2	1.8	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	54	29	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	96			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	14	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	3.6	0.72	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	14	0.36	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	72	14	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B7 (12-14)

Phoenix I.D.: CH49574

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	360	710	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	280	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	710	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	250	95	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	250	92	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B7 (12-14)

Phoenix I.D.: CH49574

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	250	87	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	67			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	72			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	68			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	76			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	83			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		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 BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

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

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
January 27, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Ver 1

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

January 27, 2021

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:	AB	01/19/21	
Location Code:	EBC	Received by:	B	01/20/21	15:11
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH49565
Phoenix ID: CH49575

Project ID: 43 FRANKLIN AVE BK
Client ID: B8 (12-14)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Aluminum	7430	35	7.1	mg/Kg	10	01/21/21	EK	SW6010D
Arsenic	2.39	0.71	0.71	mg/Kg	1	01/21/21	EK	SW6010D
Barium	64.3	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Beryllium	0.51	0.28	0.14	mg/Kg	1	01/21/21	EK	SW6010D
Calcium	1270	3.5	3.2	mg/Kg	1	01/21/21	EK	SW6010D
Cadmium	0.81	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Cobalt	9.52	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Chromium	24.6	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Copper	20.0	0.7	0.35	mg/kg	1	01/21/21	EK	SW6010D
Iron	28000	35	35	mg/Kg	10	01/21/21	EK	SW6010D
Mercury	ND	0.03	0.02	mg/Kg	2	01/21/21	RS	SW7471B
Potassium	1780	7	2.8	mg/Kg	1	01/21/21	EK	SW6010D
Magnesium	2440	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Manganese	567	3.5	3.5	mg/Kg	10	01/21/21	EK	SW6010D
Sodium	88	7	3.0	mg/Kg	1	01/21/21	EK	SW6010D
Nickel	14.9	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Lead	7.0	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Antimony	ND	3.5	3.5	mg/Kg	1	01/21/21	EK	SW6010D
Selenium	ND	1.4	1.2	mg/Kg	1	01/21/21	EK	SW6010D
Thallium	ND	1.4	1.4	mg/Kg	1	01/21/21	EK	SW6010D
Vanadium	43.0	0.35	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Zinc	43.4	0.7	0.35	mg/Kg	1	01/21/21	EK	SW6010D
Percent Solid	92			%		01/20/21	AN	SW846-%Solid
Mercury Digestion	Completed					01/21/21	CG/ARW	SW7471B
Soil Extraction for SVOA	Completed					01/20/21	R/M	SW3546
Total Metals Digest	Completed					01/20/21	J/AG/BF	SW3050B

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B8 (12-14)

Phoenix I.D.: CH49575

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,2-Dichloropropane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
1,3-Dichloropropane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Chlorotoluene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Hexanone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	1
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
Acetone	ND	20	3.9	ug/Kg	1	01/21/21	JLI	SW8260C	
Acrylonitrile	ND	7.8	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Benzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromodichloromethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromoform	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Bromomethane	ND	3.9	1.6	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon Disulfide	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Carbon tetrachloride	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloroform	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Chloromethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromochloromethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Dibromomethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C	

Ver 1

Project ID: 43 FRANKLIN AVE BK
Client ID: B8 (12-14)

Phoenix I.D.: CH49575

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.9	ug/Kg	1	01/21/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.8	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	01/21/21	JLI	SW8260C
Naphthalene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
o-Xylene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrachloroethene	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.8	2.0	ug/Kg	1	01/21/21	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.8	2.0	ug/Kg	1	01/21/21	JLI	SW8260C
Trichloroethene	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	01/21/21	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	59	31	ug/kg	1	01/21/21	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	01/21/21	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	01/21/21	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	01/21/21	JLI	70 - 130 %
% Toluene-d8	97			%	1	01/21/21	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	16	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Acrolein	ND	3.9	0.78	ug/Kg	1	01/21/21	JLI	SW8260C
Acrylonitrile	ND	16	0.39	ug/Kg	1	01/21/21	JLI	SW8260C
Tert-butyl alcohol	ND	78	16	ug/Kg	1	01/21/21	JLI	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	01/21/21	WB	SW8270D

Project ID: 43 FRANKLIN AVE BK
Client ID: B8 (12-14)

Phoenix I.D.: CH49575

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dichlorophenol	ND	180	130	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrophenol	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitroaniline	ND	250	250	ug/Kg	1	01/21/21	WB	SW8270D	
2-Nitrophenol	ND	250	230	ug/Kg	1	01/21/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	1
3,3'-Dichlorobenzidine	ND	180	170	ug/Kg	1	01/21/21	WB	SW8270D	
3-Nitroaniline	ND	360	710	ug/Kg	1	01/21/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	210	71	ug/Kg	1	01/21/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chloroaniline	ND	280	170	ug/Kg	1	01/21/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitroaniline	ND	360	120	ug/Kg	1	01/21/21	WB	SW8270D	
4-Nitrophenol	ND	360	160	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Acenaphthylene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Acetophenone	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Aniline	ND	280	280	ug/Kg	1	01/21/21	WB	SW8270D	
Anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benz(a)anthracene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzidine	ND	360	210	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(a)pyrene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Benzoic acid	ND	1800	710	ug/Kg	1	01/21/21	WB	SW8270D	
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	180	96	ug/Kg	1	01/21/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	01/21/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Carbazole	ND	180	140	ug/Kg	1	01/21/21	WB	SW8270D	
Chrysene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenz(a,h)anthracene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
Dibenzofuran	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Diethyl phthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Dimethylphthalate	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-butylphthalate	ND	250	95	ug/Kg	1	01/21/21	WB	SW8270D	
Di-n-octylphthalate	ND	250	92	ug/Kg	1	01/21/21	WB	SW8270D	
Fluoranthene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Fluorene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	

Project ID: 43 FRANKLIN AVE BK
Client ID: B8 (12-14)

Phoenix I.D.: CH49575

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Hexachlorobenzene	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorobutadiene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Hexachloroethane	ND	180	110	ug/Kg	1	01/21/21	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Isophorone	ND	180	100	ug/Kg	1	01/21/21	WB	SW8270D	
Naphthalene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Nitrobenzene	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	180	120	ug/Kg	1	01/21/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	01/21/21	WB	SW8270D	
Pentachlorophenol	ND	210	130	ug/Kg	1	01/21/21	WB	SW8270D	
Phenanthrene	ND	250	100	ug/Kg	1	01/21/21	WB	SW8270D	
Phenol	ND	250	110	ug/Kg	1	01/21/21	WB	SW8270D	
Pyrene	ND	250	120	ug/Kg	1	01/21/21	WB	SW8270D	
Pyridine	ND	250	88	ug/Kg	1	01/21/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorobiphenyl	63			%	1	01/21/21	WB	30 - 130 %	
% 2-Fluorophenol	55			%	1	01/21/21	WB	30 - 130 %	
% Nitrobenzene-d5	58			%	1	01/21/21	WB	30 - 130 %	
% Phenol-d5	61			%	1	01/21/21	WB	30 - 130 %	
% Terphenyl-d14	79			%	1	01/21/21	WB	30 - 130 %	
Field Extraction	Completed					01/19/21		SW5035A	1

Parameter	Result	RL/ PQL	LOD/ MDL	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 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 27, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Wednesday, January 27, 2021

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

State: NY

Sample Criteria Exceedances Report

GCH49565 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CH49565	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	10000	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	8900	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4600	270	1700	1700	ug/Kg
CH49565	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	8100	2700	1700	1700	ug/Kg
CH49565	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	6900	270	500	500	ug/Kg
CH49565	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	2100	190	330	330	ug/Kg
CH49565	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	10000	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4600	270	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	8900	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	8100	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	9700	1900	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	8900	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	6900	270	500	500	ug/Kg
CH49565	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2700	3900	3900	ug/Kg
CH49565	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	190	330	330	ug/Kg
CH49565	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	8100	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4600	270	3900	3900	ug/Kg
CH49565	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	9700	1900	1000	1000	ug/Kg
CH49565	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	190	330	330	ug/Kg
CH49565	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8100	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	9700	1900	1000	1000	ug/Kg
CH49565	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8900	2700	1000	1000	ug/Kg
CH49565	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4600	270	800	800	ug/Kg
CH49565	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6900	270	500	500	ug/Kg
CH49565	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	16.2	0.78	16	16	mg/Kg
CH49565	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	16.2	0.78	16	16	mg/Kg
CH49565	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	16.2	0.78	16	16	mg/Kg
CH49565	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	16.2	0.78	13	13	mg/Kg
CH49565	BA-SMDP	Barium	NY / 375-6.8 Metals / Ground Water Protection	939	0.8	820	820	mg/Kg
CH49565	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	939	0.8	350	350	mg/Kg
CH49565	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	939	0.8	400	400	mg/Kg
CH49565	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	939	0.8	350	350	mg/Kg
CH49565	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.4	0.39	30		mg/Kg
CH49565	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	131	0.8	50	50	mg/kg
CH49565	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.89	0.08	0.73	0.73	mg/Kg
CH49565	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.89	0.08	0.81	0.81	mg/Kg
CH49565	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.89	0.08	0.81	0.81	mg/Kg
CH49565	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.89	0.08	0.18	0.18	mg/Kg
CH49565	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	31.4	0.39	30	30	mg/Kg
CH49565	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	406	0.8	400	400	mg/Kg
CH49565	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	406	0.8	400	400	mg/Kg

Wednesday, January 27, 2021

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

State: NY

Sample Criteria Exceedances Report

GCH49565 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CH49565	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	406	0.8	63	63	mg/Kg
CH49565	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	800	7.8	109	109	mg/Kg
CH49566	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	70000	1900	22000	22000	ug/Kg
CH49566	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4700	260	1700	1700	ug/Kg
CH49566	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	70000	2600	1700	1700	ug/Kg
CH49566	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	39000	2600	8200	8200	ug/Kg
CH49566	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	39000	2600	500	500	ug/Kg
CH49566	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential	170000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4700	260	1000	1000	ug/Kg
CH49566	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	70000	2600	1000	1000	ug/Kg
CH49566	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential	110000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	70000	1900	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	14000	1900	330	330	ug/Kg
CH49566	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential	150000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	70000	2600	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	70000	1900	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	260	3900	3900	ug/Kg
CH49566	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential Restricted	110000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	14000	1900	330	330	ug/Kg
CH49566	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	150000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	170000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	110000	26000	3900	3900	ug/Kg
CH49566	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	39000	2600	500	500	ug/Kg
CH49566	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	150000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	110000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	39000	2600	500	500	ug/Kg
CH49566	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	70000	2600	1000	1000	ug/Kg
CH49566	$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	170000	26000	100000	100000	ug/Kg
CH49566	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	14000	1900	330	330	ug/Kg
CH49566	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	260	800	800	ug/Kg
CH49566	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	110000	26000	1000	1000	ug/Kg
CH49566	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	70000	1900	1000	1000	ug/Kg
CH49566	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	13.4	0.80	13	13	mg/Kg
CH49566	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	403	0.8	350	350	mg/Kg
CH49566	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	403	0.8	400	400	mg/Kg

Wednesday, January 27, 2021

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

State: NY

Sample Criteria Exceedances Report

GCH49565 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CH49566	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	403	0.8	350	350	mg/Kg
CH49566	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	33.7	0.40	30		mg/Kg
CH49566	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	147	8.0	50	50	mg/kg
CH49566	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.67	0.07	0.18	0.18	mg/Kg
CH49566	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.7	0.40	30	30	mg/Kg
CH49566	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	420	0.8	400	400	mg/Kg
CH49566	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	420	0.8	400	400	mg/Kg
CH49566	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	420	0.8	63	63	mg/Kg
CH49566	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	642	8.0	109	109	mg/Kg
CH49567	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6200	240	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	7100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3900	240	1700	1700	ug/Kg
CH49567	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	8100	2400	1700	1700	ug/Kg
CH49567	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	11000	1700	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3900	240	1000	1000	ug/Kg
CH49567	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	6200	240	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	8100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	170	330	330	ug/Kg
CH49567	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	7600	2400	500	500	ug/Kg
CH49567	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	7100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	6200	240	3900	3900	ug/Kg
CH49567	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	170	330	330	ug/Kg
CH49567	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	7600	2400	500	500	ug/Kg
CH49567	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	8100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	1700	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	7100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7600	2400	500	500	ug/Kg
CH49567	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6200	240	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	1700	1000	1000	ug/Kg
CH49567	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	170	330	330	ug/Kg
CH49567	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7100	2400	1000	1000	ug/Kg
CH49567	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3900	240	800	800	ug/Kg
CH49567	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	523	0.7	350	350	mg/Kg
CH49567	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	523	0.7	400	400	mg/Kg
CH49567	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	523	0.7	350	350	mg/Kg
CH49567	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.59	0.35	2.5	2.5	mg/Kg
CH49567	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.59	0.35	2.5	2.5	mg/Kg
CH49567	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	158	7.0	50	50	mg/kg
CH49567	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.40	0.07	0.18	0.18	mg/Kg
CH49567	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	37.3	0.35	30	30	mg/Kg

Wednesday, January 27, 2021

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

State: NY

Sample Criteria Exceedances Report

GCH49565 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CH49567	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	399	0.7	63	63	mg/Kg
CH49567	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	521	7.0	109	109	mg/Kg
CH49574	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	34.3	0.35	30	30	mg/Kg

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

NY Temperature Narration

January 27, 2021

SDG I.D.: GCH49565

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 ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐

Temp 2.3 °C Pg 1 of 1

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

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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: 43 FRANKLIN Ave, BK
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: Anthony BALDO Date: 1-19-21

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 ( ) 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
495665	B1 (0-2)	S	1/19		X	X		X								3	1								
495666	B3 (0-2)																								
495667	B6 (0-2)																								
495668	B1 (12-14)																								
495669	B2 (12-14)																								
495670	B3 (12-14)																								
495671	B4 (12-14)																								
495672	B5 (12-14)																								
495673	B6 (16-18)																								
495674	B7 (12-14)																								
495675	B8 (12-14)																								

Relinquished by:	Accepted by:	Date:	Time:
		1-20-21	12:30
		1-2021	15:11

Comments, Special Requirements or Regulations:

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

Data Package
☐ NJ Reduced Deliv. *
■ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY