PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 12, 2021

Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Project ID: 188 E 135TH STREET
SDG ID: GCJ48515
Sample ID#s: CJ48515 - CJ48520

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

October 12, 2021

SDG I.D.: GCJ48515

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

October 12, 2021

SDG I.D.: GCJ48515

Project ID: 188 E 135TH STREET

Client Id	Lab Id	Matrix
20 MW 1	CJ48515	GROUND WATER
20 MW 2	CJ48516	GROUND WATER
20 MW 3	CJ48517	GROUND WATER
20 MW 4	CJ48518	GROUND WATER
DUP	CJ48519	GROUND WATER
TRIP BLANK	CJ48520	GROUND WATER

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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	15:00
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48515

Project ID: 188 E 135TH STREET
Client ID: 20 MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Aluminum	3.75	0.020	0.01	mg/L	1	10/06/21	EK	SW6010D
Arsenic - LDL	0.008	0.004	0.004	mg/L	1	10/06/21	EK	SW6010D
Barium	0.126	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Beryllium	ND	0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Calcium	108	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D
Cadmium	ND	0.004	0.0005	mg/L	1	10/06/21	EK	SW6010D
Cobalt	0.006	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Chromium	0.006	0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Copper	0.019	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Aluminum (Dissolved)	0.016	0.011	0.0026	mg/L	1	10/05/21	EK	SW6010D
Arsenic, (Dissolved)	0.004	0.003	0.001	mg/L	1	10/05/21	EK	SW6010D
Barium (Dissolved)	0.080	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Calcium (Dissolved)	97.8	0.01	0.003	mg/L	1	10/05/21	EK	SW6010D
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	10/05/21	EK	SW6010D
Cobalt, (Dissolved)	0.001	J 0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Copper, (Dissolved)	0.002	J 0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Iron, (Dissolved)	ND	0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium (Dissolved)	17.7	0.1	0.1	mg/L	1	10/05/21	EK	SW6010D
Magnesium (Dissolved)	34.4	0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Manganese, (Dissolved)	1.46	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Sodium (Dissolved)	315	1.1	1.1	mg/L	10	10/06/21	EK	SW6010D
Nickel, (Dissolved)	0.003	J 0.004	0.001	mg/L	1	10/06/21	EK	SW6010D
Lead (Dissolved)	ND	0.002	0.001	mg/L	1	10/05/21	EK	SW6010D

Project ID: 188 E 135TH STREET
Client ID: 20 MW 1

Phoenix I.D.: CJ48515

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony (Dissolved)-LDL	0.0022	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Selenium (Dissolved)-LDL	ND	0.002	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D	
Zinc, (Dissolved)	0.003 J	0.011	0.002	mg/L	1	10/05/21	EK	SW6010D	
Iron	11.1	0.01	0.01	mg/L	1	10/06/21	EK	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A	
Potassium	21.2	0.1	0.01	mg/L	1	10/06/21	EK	SW6010D	
Magnesium	39.8	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D	
Manganese	1.94	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D	
Sodium	308	1.0	1.0	mg/L	10	10/07/21	CPP	SW6010D	
Nickel	0.010	0.004	0.001	mg/L	1	10/06/21	CPP	SW6010D	
Lead	0.028	0.002	0.001	mg/L	1	10/06/21	EK	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Selenium	0.001 J	0.010	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Vanadium	0.007 J	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D	
Zinc	0.043	0.010	0.0011	mg/L	1	10/06/21	EK	SW6010D	
Filtration	Completed					10/04/21	TH	0.45um Filter	
Dissolved Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
PCB Extraction (LDL)	Completed					10/04/21	F/F	SW3510C	
Extraction for Pest (LDL)	Completed					10/04/21	F/F	SW3510C	
Semi-Volatile Extraction	Completed					10/04/21	P/K	SW3520C	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Total Metals Digestion	Completed					10/05/21	TH		
Total Metals Digestion MS	Completed					10/05/21	TH		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Alachlor	ND	0.077	0.077	ug/L	1	10/06/21	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
b-BHC	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Chlordane	ND	0.020	0.020	ug/L	1	10/06/21	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Dieldrin	ND	0.004	0.004	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	10/06/21	AW	SW8081B
Toxaphene	ND	0.20	0.20	ug/L	1	10/06/21	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	89			%	1	10/06/21	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	75			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec)	75			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	68			%	1	10/06/21	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1221	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1232	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1242	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1248	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1254	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1260	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1262	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1268	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	84			%	1	10/05/21	SC	30 - 150 %
% DCBP (Confirmation)	86			%	1	10/05/21	SC	30 - 150 %
% TCMX	74			%	1	10/05/21	SC	30 - 150 %
% TCMX (Confirmation)	77			%	1	10/05/21	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/06/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C

Project ID: 188 E 135TH STREET
Client ID: 20 MW 1

Phoenix I.D.: CJ48515

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acetone	3.6	JS	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/06/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	101			%	1	10/06/21	MH	70 - 130 %	
% Bromofluorobenzene	94			%	1	10/06/21	MH	70 - 130 %	
% Dibromofluoromethane	96			%	1	10/06/21	MH	70 - 130 %	
% Toluene-d8	101			%	1	10/06/21	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	50	ug/l	1	10/06/21	MH	SW8260C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	10/06/21	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	10/06/21	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	99			%	1	10/06/21	AW	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	10/07/21	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
1,2-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
1,2-Diphenylhydrazine	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
1,3-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
1,4-Dichlorobenzene	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4,5-Trichlorophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4,6-Trichlorophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dichlorophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dimethylphenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	4.9	1.9	ug/L	1	10/07/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
2-Chloronaphthalene	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
2-Chlorophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2-Methylnaphthalene	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
2-Nitroaniline	ND	4.9	2.0	ug/L	1	10/07/21	WB	SW8270D	
2-Nitrophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	4.9	2.3	ug/L	1	10/07/21	WB	SW8270D	
3-Nitroaniline	ND	4.9	2.0	ug/L	1	10/07/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
4-Chloroaniline	ND	3.4	2.3	ug/L	1	10/07/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
4-Nitroaniline	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
4-Nitrophenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
Acenaphthene	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	

Project ID: 188 E 135TH STREET
Client ID: 20 MW 1

Phoenix I.D.: CJ48515

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetophenone	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
Aniline	ND	3.4	3.4	ug/L	1	10/07/21	WB	SW8270D	
Anthracene	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
Benzidine	ND	4.4	2.9	ug/L	1	10/07/21	WB	SW8270D	
Benzoic acid	ND	25	9.8	ug/L	1	10/07/21	WB	SW8270D	
Benzyl butyl phthalate	ND	4.9	1.3	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
Carbazole	ND	4.9	3.7	ug/L	1	10/07/21	WB	SW8270D	
Dibenzofuran	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
Diethyl phthalate	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
Dimethylphthalate	ND	4.9	1.5	ug/L	1	10/07/21	WB	SW8270D	
Di-n-butylphthalate	ND	4.9	1.3	ug/L	1	10/07/21	WB	SW8270D	
Di-n-octylphthalate	ND	4.9	1.3	ug/L	1	10/07/21	WB	SW8270D	
Fluoranthene	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
Fluorene	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
Hexachloroethane	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
Isophorone	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
Naphthalene	ND	4.9	1.4	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	4.9	1.6	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	4.9	1.9	ug/L	1	10/07/21	WB	SW8270D	
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/07/21	WB	SW8270D	
Phenol	ND	0.98	0.98	ug/L	1	10/07/21	WB	SW8270D	
Pyrene	ND	4.9	1.7	ug/L	1	10/07/21	WB	SW8270D	
Pyridine	ND	9.8	1.2	ug/L	1	10/07/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	85			%	1	10/07/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	72			%	1	10/07/21	WB	30 - 130 %	
% 2-Fluorophenol	57			%	1	10/07/21	WB	15 - 110 %	
% Nitrobenzene-d5	69			%	1	10/07/21	WB	30 - 130 %	
% Phenol-d5	65			%	1	10/07/21	WB	15 - 110 %	
% Terphenyl-d14	92			%	1	10/07/21	WB	30 - 130 %	

Semivolatiles

Acenaphthylene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Chrysene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/06/21	WB	SW8270D (SIM)
Hexachlorobutadiene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Hexachlorocyclopentadiene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)
Nitrobenzene	ND	0.39	0.39	ug/L	1	10/06/21	WB	SW8270D (SIM)
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/06/21	WB	SW8270D (SIM)

Ver 1

Project ID: 188 E 135TH STREET
Client ID: 20 MW 1

Phoenix I.D.: CJ48515

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
Phenanthrene	ND	0.49	0.49	ug/L	1	10/06/21	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	79			%	1	10/06/21	WB	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	10/06/21	WB	30 - 130 %
% 2-Fluorophenol	58			%	1	10/06/21	WB	15 - 110 %
% Nitrobenzene-d5	65			%	1	10/06/21	WB	30 - 130 %
% Phenol-d5	63			%	1	10/06/21	WB	15 - 110 %
% Terphenyl-d14	66			%	1	10/06/21	WB	30 - 130 %
Extraction for 1,4-Dioxane	Completed					10/05/21	G/G	

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:

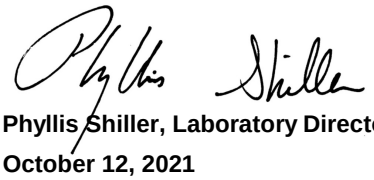
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

Semi-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.

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

October 12, 2021

Reviewed and Released by: Phyllis Shiller, Laboratory 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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	14:30
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48516

Project ID: 188 E 135TH STREET
Client ID: 20 MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Aluminum	108	0.20	0.024	mg/L	10	10/07/21	CPP	SW6010D
Arsenic - LDL	0.033	0.004	0.004	mg/L	1	10/06/21	EK	SW6010D
Barium	0.679	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Beryllium	0.011	0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Calcium	136	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D
Cadmium	0.008	0.004	0.0005	mg/L	1	10/06/21	EK	SW6010D
Cobalt	0.084	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Chromium	0.191	0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Copper	0.358	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Silver (Dissolved)	ND	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Aluminum (Dissolved)	0.245	0.011	0.0026	mg/L	1	10/05/21	EK	SW6010D
Arsenic, (Dissolved)	0.004	0.003	0.001	mg/L	1	10/05/21	EK	SW6010D
Barium (Dissolved)	0.049	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Beryllium (Dissolved)	ND	0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Calcium (Dissolved)	63.9	0.01	0.003	mg/L	1	10/05/21	EK	SW6010D
Cadmium (Dissolved)	ND	0.004	0.0005	mg/L	1	10/05/21	EK	SW6010D
Cobalt, (Dissolved)	ND	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Chromium (Dissolved)	ND	0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Copper, (Dissolved)	0.004	J 0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Iron, (Dissolved)	0.22	0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Mercury (Dissolved)	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium (Dissolved)	20.2	0.1	0.1	mg/L	1	10/05/21	EK	SW6010D
Magnesium (Dissolved)	28.6	0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Manganese, (Dissolved)	0.262	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Sodium (Dissolved)	84.7	1.1	1.1	mg/L	10	10/06/21	EK	SW6010D
Nickel, (Dissolved)	0.002	J 0.004	0.001	mg/L	1	10/06/21	EK	SW6010D
Lead (Dissolved)	0.004	0.002	0.001	mg/L	1	10/05/21	EK	SW6010D

Ver 1

Project ID: 188 E 135TH STREET
Client ID: 20 MW 2

Phoenix I.D.: CJ48516

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	0.0106	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B
Selenium (Dissolved)-LDL	ND	0.002	0.0001	mg/L	1	10/06/21	CPP	SW6020B
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B
Vanadium, (Dissolved)	0.001	J 0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Zinc, (Dissolved)	0.003	J 0.011	0.002	mg/L	1	10/05/21	EK	SW6010D
Iron	203	0.10	0.10	mg/L	10	10/07/21	CPP	SW6010D
Mercury	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium	42.6	0.1	0.01	mg/L	1	10/06/21	EK	SW6010D
Magnesium	87.7	0.10	0.10	mg/L	10	10/07/21	CPP	SW6010D
Manganese	7.54	0.050	0.010	mg/L	10	10/07/21	CPP	SW6010D
Sodium	201	1.0	1.0	mg/L	10	10/07/21	CPP	SW6010D
Nickel	0.165	0.004	0.001	mg/L	1	10/06/21	EK	SW6010D
Lead	0.876	0.002	0.001	mg/L	1	10/06/21	EK	SW6010D
Antimony	0.0029	J 0.0030	0.0005	mg/L	5	10/07/21	CPP	SW6020B
Selenium	ND	0.010	0.0005	mg/L	5	10/07/21	CPP	SW6020B
Thallium	0.0020	0.0005	0.0005	mg/L	5	10/07/21	CPP	SW6020B
Vanadium	0.260	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Zinc	1.02	0.010	0.0011	mg/L	1	10/06/21	EK	SW6010D
Filtration	Completed					10/04/21	TH	0.45um Filter
Dissolved Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A
Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A
PCB Extraction (LDL)	Completed					10/04/21	F/F	SW3510C
Extraction for Pest (LDL)	Completed					10/04/21	F/F	SW3510C
Semi-Volatile Extraction	Completed					10/04/21	P/K	SW3520C
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A
Total Metals Digestion	Completed					10/05/21	TH	
Total Metals Digestion MS	Completed					10/05/21	TH	

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Alachlor	ND	0.078	0.078	ug/L	1	10/06/21	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Chlordane	ND	0.021	0.021	ug/L	1	10/06/21	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	10/06/21	AW	SW8081B
Toxaphene	ND	0.21	0.21	ug/L	1	10/06/21	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	95			%	1	10/06/21	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	77			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec)	109			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	66			%	1	10/06/21	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1221	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1232	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1242	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1248	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1254	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1260	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1262	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1268	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	81			%	1	10/05/21	SC	30 - 150 %
% DCBP (Confirmation)	84			%	1	10/05/21	SC	30 - 150 %
% TCMX	90			%	1	10/05/21	SC	30 - 150 %
% TCMX (Confirmation)	79			%	1	10/05/21	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/06/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/06/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C

Project ID: 188 E 135TH STREET
Client ID: 20 MW 2

Phoenix I.D.: CJ48516

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acetone	3.6	JS	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon Disulfide	0.42	J	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/06/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	

QA/QC Surrogates

Project ID: 188 E 135TH STREET
Client ID: 20 MW 2

Phoenix I.D.: CJ48516

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	100			%	1	10/06/21	MH	70 - 130 %	
% Bromofluorobenzene	95			%	1	10/06/21	MH	70 - 130 %	
% Dibromofluoromethane	101			%	1	10/06/21	MH	70 - 130 %	
% Toluene-d8	100			%	1	10/06/21	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	50	ug/l	1	10/06/21	MH	SW8260C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	10/06/21	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.40	0.40	ug/l	1	10/06/21	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	100			%	1	10/06/21	AW	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	5.1	1.5	ug/L	1	10/07/21	WB	SW8270D	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
1,2-Diphenylhydrazine	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
2-Chloronaphthalene	ND	5.1	1.4	ug/L	1	10/07/21	WB	SW8270D	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2-Methylnaphthalene	ND	5.1	1.5	ug/L	1	10/07/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D	
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	10/07/21	WB	SW8270D	
3-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	5.1	1.5	ug/L	1	10/07/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
4-Chloroaniline	ND	3.5	2.4	ug/L	1	10/07/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.1	1.7	ug/L	1	10/07/21	WB	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D	
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Acenaphthene	ND	5.1	1.5	ug/L	1	10/07/21	WB	SW8270D	

Project ID: 188 E 135TH STREET
Client ID: 20 MW 2

Phoenix I.D.: CJ48516

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetophenone	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
Aniline	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D	
Anthracene	ND	5.1	1.7	ug/L	1	10/07/21	WB	SW8270D	
Benzidine	ND	4.5	3.0	ug/L	1	10/07/21	WB	SW8270D	
Benzoic acid	ND	25	10	ug/L	1	10/07/21	WB	SW8270D	
Benzyl butyl phthalate	ND	5.1	1.3	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Carbazole	ND	5.1	3.8	ug/L	1	10/07/21	WB	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
Diethyl phthalate	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
Dimethylphthalate	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
Di-n-butylphthalate	ND	5.1	1.3	ug/L	1	10/07/21	WB	SW8270D	
Di-n-octylphthalate	ND	5.1	1.3	ug/L	1	10/07/21	WB	SW8270D	
Fluoranthene	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
Fluorene	ND	5.1	1.7	ug/L	1	10/07/21	WB	SW8270D	
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Isophorone	ND	5.1	1.4	ug/L	1	10/07/21	WB	SW8270D	
Naphthalene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.1	1.6	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	5.1	1.9	ug/L	1	10/07/21	WB	SW8270D	
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/07/21	WB	SW8270D	
Phenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Pyrene	ND	5.1	1.7	ug/L	1	10/07/21	WB	SW8270D	
Pyridine	ND	10	1.2	ug/L	1	10/07/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	10/07/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	69			%	1	10/07/21	WB	30 - 130 %	
% 2-Fluorophenol	58			%	1	10/07/21	WB	15 - 110 %	
% Nitrobenzene-d5	75			%	1	10/07/21	WB	30 - 130 %	
% Phenol-d5	67			%	1	10/07/21	WB	15 - 110 %	
% Terphenyl-d14	32			%	1	10/07/21	WB	30 - 130 %	
Semivolatiles									
Acenaphthylene	ND	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benz(a)anthracene	0.49	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(a)pyrene	0.64	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	0.57	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(ghi)perylene	0.52	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	0.49	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Chrysene	0.49	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorocyclopentadiene	ND	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.64	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/06/21	WB	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/06/21	WB	SW8270D (SIM)	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Pentachlorophenol	ND	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Phenanthrene	ND	0.51	0.51	ug/L	1	10/06/21	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79			%	1	10/06/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	69			%	1	10/06/21	WB	30 - 130 %	
% 2-Fluorophenol	63			%	1	10/06/21	WB	15 - 110 %	
% Nitrobenzene-d5	69			%	1	10/06/21	WB	30 - 130 %	
% Phenol-d5	63			%	1	10/06/21	WB	15 - 110 %	
% Terphenyl-d14	25			%	1	10/06/21	WB	30 - 130 %	3
Extraction for 1,4-Dioxane	Completed					10/05/21	G/G		

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.
3 = This parameter exceeds laboratory specified limits.

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.

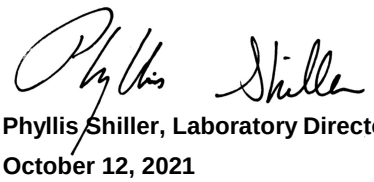
Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-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.

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
October 12, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory 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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	15:30
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48517

Project ID: 188 E 135TH STREET
Client ID: 20 MW 3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Aluminum	ND		0.020	0.01	mg/L	1	10/06/21	EK	SW6010D
Arsenic - LDL	0.019		0.004	0.004	mg/L	1	10/06/21	EK	SW6010D
Barium	0.093		0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Calcium	100		0.010	0.01	mg/L	1	10/06/21	EK	SW6010D
Cadmium	ND		0.004	0.0005	mg/L	1	10/06/21	EK	SW6010D
Cobalt	0.002	J	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Chromium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Copper	0.016		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Aluminum (Dissolved)	0.016		0.011	0.0026	mg/L	1	10/05/21	EK	SW6010D
Arsenic, (Dissolved)	0.006		0.003	0.001	mg/L	1	10/05/21	EK	SW6010D
Barium (Dissolved)	0.070		0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Calcium (Dissolved)	96.2		0.01	0.003	mg/L	1	10/05/21	EK	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	10/05/21	EK	SW6010D
Cobalt, (Dissolved)	0.001	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Copper, (Dissolved)	0.002	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Iron, (Dissolved)	ND		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium (Dissolved)	19.4		0.1	0.1	mg/L	1	10/05/21	EK	SW6010D
Magnesium (Dissolved)	38.5		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Manganese, (Dissolved)	1.61		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Sodium (Dissolved)	347		1.1	1.1	mg/L	10	10/06/21	EK	SW6010D
Nickel, (Dissolved)	0.004	J	0.004	0.001	mg/L	1	10/06/21	EK	SW6010D
Lead (Dissolved)	0.002		0.002	0.001	mg/L	1	10/05/21	EK	SW6010D

Ver 1

Project ID: 188 E 135TH STREET
Client ID: 20 MW 3

Phoenix I.D.: CJ48517

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony (Dissolved)-LDL	0.0019	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Selenium (Dissolved)-LDL	ND	0.002	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Vanadium, (Dissolved)	0.001 J	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D	
Zinc, (Dissolved)	0.003 J	0.011	0.002	mg/L	1	10/05/21	EK	SW6010D	
Iron	5.41	0.01	0.01	mg/L	1	10/06/21	EK	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A	
Potassium	22.2	0.1	0.01	mg/L	1	10/06/21	EK	SW6010D	
Magnesium	43.5	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D	
Manganese	1.91	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D	
Sodium	350	1.0	1.0	mg/L	10	10/07/21	CPP	SW6010D	
Nickel	0.006	0.004	0.001	mg/L	1	10/06/21	CPP	SW6010D	
Lead	ND	0.002	0.001	mg/L	1	10/06/21	EK	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Selenium	ND	0.010	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Vanadium	ND	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D	
Zinc	0.014	0.010	0.0011	mg/L	1	10/06/21	EK	SW6010D	
Filtration	Completed					10/04/21	TH	0.45um Filter	
Dissolved Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
PCB Extraction (LDL)	Completed					10/04/21	F/F	SW3510C	
Extraction for Pest (LDL)	Completed					10/04/21	F/F	SW3510C	
Semi-Volatile Extraction	Completed					10/04/21	P/K	SW3520C	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Total Metals Digestion	Completed					10/05/21	TH		
Total Metals Digestion MS	Completed					10/05/21	TH		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Alachlor	ND	0.078	0.078	ug/L	1	10/06/21	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Chlordane	ND	0.021	0.021	ug/L	1	10/06/21	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Dieldrin	ND	0.004	0.004	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	10/06/21	AW	SW8081B
Toxaphene	ND	0.21	0.21	ug/L	1	10/06/21	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	82			%	1	10/06/21	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	70			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec)	76			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	83			%	1	10/06/21	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1221	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1232	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1242	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1248	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1254	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1260	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1262	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
PCB-1268	ND	0.052	0.052	ug/L	1	10/05/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	74			%	1	10/05/21	SC	30 - 150 %
% DCBP (Confirmation)	77			%	1	10/05/21	SC	30 - 150 %
% TCMX	71			%	1	10/05/21	SC	30 - 150 %
% TCMX (Confirmation)	73			%	1	10/05/21	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C

Project ID: 188 E 135TH STREET
Client ID: 20 MW 3

Phoenix I.D.: CJ48517

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	104			%	1	10/07/21	MH	70 - 130 %	
% Bromofluorobenzene	99			%	1	10/07/21	MH	70 - 130 %	
% Dibromofluoromethane	90			%	1	10/07/21	MH	70 - 130 %	
% Toluene-d8	93			%	1	10/07/21	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	50	ug/l	1	10/07/21	MH	SW8260C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tert-butyl alcohol	ND	50	10	ug/L	1	10/07/21	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	10/06/21	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	90			%	1	10/06/21	AW	70 - 130 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	3.6	3.6	ug/L	1	10/07/21	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	5.2	1.6	ug/L	1	10/07/21	WB	SW8270D	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
1,2-Diphenylhydrazine	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
2-Chloronaphthalene	ND	5.2	1.5	ug/L	1	10/07/21	WB	SW8270D	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2-Methylnaphthalene	ND	5.2	1.5	ug/L	1	10/07/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
2-Nitroaniline	ND	5.0	2.1	ug/L	1	10/07/21	WB	SW8270D	
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	1	10/07/21	WB	SW8270D	
3-Nitroaniline	ND	5.0	2.1	ug/L	1	10/07/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	5.2	1.5	ug/L	1	10/07/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
4-Chloroaniline	ND	3.6	2.4	ug/L	1	10/07/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D	
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Acenaphthene	ND	5.2	1.6	ug/L	1	10/07/21	WB	SW8270D	

Project ID: 188 E 135TH STREET
Client ID: 20 MW 3

Phoenix I.D.: CJ48517

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetophenone	ND	5.2	1.6	ug/L	1	10/07/21	WB	SW8270D	
Aniline	ND	3.6	3.6	ug/L	1	10/07/21	WB	SW8270D	
Anthracene	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
Benzidine	ND	4.7	3.1	ug/L	1	10/07/21	WB	SW8270D	
Benzoic acid	ND	26	10	ug/L	1	10/07/21	WB	SW8270D	
Benzyl butyl phthalate	ND	5.2	1.3	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Carbazole	ND	5.2	3.9	ug/L	1	10/07/21	WB	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
Diethyl phthalate	ND	5.2	1.6	ug/L	1	10/07/21	WB	SW8270D	
Dimethylphthalate	ND	5.2	1.6	ug/L	1	10/07/21	WB	SW8270D	
Di-n-butylphthalate	ND	5.2	1.4	ug/L	1	10/07/21	WB	SW8270D	
Di-n-octylphthalate	ND	5.2	1.3	ug/L	1	10/07/21	WB	SW8270D	
Fluoranthene	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
Fluorene	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Isophorone	ND	5.2	1.5	ug/L	1	10/07/21	WB	SW8270D	
Naphthalene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.2	1.7	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	5.2	2.0	ug/L	1	10/07/21	WB	SW8270D	
Pentachloronitrobenzene	ND	2.6	2.6	ug/L	1	10/07/21	WB	SW8270D	
Phenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Pyrene	ND	5.2	1.8	ug/L	1	10/07/21	WB	SW8270D	
Pyridine	ND	10	1.3	ug/L	1	10/07/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	85			%	1	10/07/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	74			%	1	10/07/21	WB	30 - 130 %	
% 2-Fluorophenol	60			%	1	10/07/21	WB	15 - 110 %	
% Nitrobenzene-d5	77			%	1	10/07/21	WB	30 - 130 %	
% Phenol-d5	68			%	1	10/07/21	WB	15 - 110 %	
% Terphenyl-d14	93			%	1	10/07/21	WB	30 - 130 %	

Semivolatiles

Acenaphthylene	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorocyclopentadiene	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/06/21	WB	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/06/21	WB	SW8270D (SIM)	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachlorophenol	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)
Phenanthrene	ND	0.52	0.52	ug/L	1	10/06/21	WB	SW8270D (SIM)
QA/QC Surrogates								
% 2,4,6-Tribromophenol	78			%	1	10/06/21	WB	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	10/06/21	WB	30 - 130 %
% 2-Fluorophenol	59			%	1	10/06/21	WB	15 - 110 %
% Nitrobenzene-d5	68			%	1	10/06/21	WB	30 - 130 %
% Phenol-d5	63			%	1	10/06/21	WB	15 - 110 %
% Terphenyl-d14	66			%	1	10/06/21	WB	30 - 130 %
Extraction for 1,4-Dioxane	Completed					10/05/21	G/G	

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.

Semi-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.

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
October 12, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory 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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	16:00
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48518

Project ID: 188 E 135TH STREET
Client ID: 20 MW 4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Aluminum	ND		0.020	0.01	mg/L	1	10/06/21	EK	SW6010D
Arsenic - LDL	0.014		0.004	0.004	mg/L	1	10/06/21	EK	SW6010D
Barium	0.096		0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Calcium	102		0.010	0.01	mg/L	1	10/06/21	EK	SW6010D
Cadmium	ND		0.004	0.0005	mg/L	1	10/06/21	EK	SW6010D
Cobalt	0.002	J	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Chromium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Copper	0.007		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Aluminum (Dissolved)	0.015		0.011	0.0026	mg/L	1	10/05/21	EK	SW6010D
Arsenic, (Dissolved)	0.004		0.003	0.001	mg/L	1	10/05/21	EK	SW6010D
Barium (Dissolved)	0.072		0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Calcium (Dissolved)	96.2		0.01	0.003	mg/L	1	10/05/21	EK	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	10/05/21	EK	SW6010D
Cobalt, (Dissolved)	0.001	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Copper, (Dissolved)	0.002	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Iron, (Dissolved)	ND		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium (Dissolved)	19.0		0.1	0.1	mg/L	1	10/05/21	EK	SW6010D
Magnesium (Dissolved)	37.8		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Manganese, (Dissolved)	1.54		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Sodium (Dissolved)	342		1.1	1.1	mg/L	10	10/06/21	EK	SW6010D
Nickel, (Dissolved)	0.004	J	0.004	0.001	mg/L	1	10/06/21	EK	SW6010D
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	10/05/21	EK	SW6010D

Ver 1

Project ID: 188 E 135TH STREET
Client ID: 20 MW 4

Phoenix I.D.: CJ48518

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony (Dissolved)-LDL	0.0036	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Selenium (Dissolved)-LDL	ND	0.002	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D	
Zinc, (Dissolved)	0.002 J	0.011	0.002	mg/L	1	10/05/21	EK	SW6010D	
Iron	5.95	0.01	0.01	mg/L	1	10/06/21	EK	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A	
Potassium	21.8	0.1	0.01	mg/L	1	10/06/21	EK	SW6010D	
Magnesium	42.8	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D	
Manganese	1.93	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D	
Sodium	333	1.0	1.0	mg/L	10	10/07/21	CPP	SW6010D	
Nickel	0.006	0.004	0.001	mg/L	1	10/06/21	CPP	SW6010D	
Lead	0.001 J	0.002	0.001	mg/L	1	10/06/21	EK	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Selenium	0.002 J	0.010	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Vanadium	ND	0.010	0.001	mg/L	1	10/06/21	EK	SW6010D	
Zinc	0.011	0.010	0.0011	mg/L	1	10/06/21	EK	SW6010D	
Filtration	Completed					10/04/21	TH	0.45um Filter	
Dissolved Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
PCB Extraction (LDL)	Completed					10/04/21	F/F	SW3510C	
Extraction for Pest (LDL)	Completed					10/04/21	F/F	SW3510C	
Semi-Volatile Extraction	Completed					10/04/21	P/K	SW3520C	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Total Metals Digestion	Completed					10/05/21	TH		
Total Metals Digestion MS	Completed					10/05/21	TH		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Alachlor	ND	0.077	0.077	ug/L	1	10/06/21	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Chlordane	ND	0.020	0.020	ug/L	1	10/06/21	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	10/06/21	AW	SW8081B	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	10/06/21	AW	SW8081B
Toxaphene	ND	0.20	0.20	ug/L	1	10/06/21	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	73			%	1	10/06/21	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	47			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec)	84			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	64			%	1	10/06/21	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1221	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1232	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1242	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1248	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1254	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1260	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1262	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
PCB-1268	ND	0.051	0.051	ug/L	1	10/05/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	65			%	1	10/05/21	SC	30 - 150 %
% DCBP (Confirmation)	68			%	1	10/05/21	SC	30 - 150 %
% TCMX	70			%	1	10/05/21	SC	30 - 150 %
% TCMX (Confirmation)	72			%	1	10/05/21	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C

Project ID: 188 E 135TH STREET
Client ID: 20 MW 4

Phoenix I.D.: CJ48518

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	104			%	1	10/07/21	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	10/07/21	MH	70 - 130 %
% Dibromofluoromethane	92			%	1	10/07/21	MH	70 - 130 %
% Toluene-d8	93			%	1	10/07/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/07/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	10/07/21	MH	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
1,2-Dichlorobenzene	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
1,3-Dichlorobenzene	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
1,4-Dichlorobenzene	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4-Dichlorophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4-Dimethylphenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4-Dinitrophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D
2-Chlorophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
2-Nitrophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.3	ug/L	1	10/07/21	WB	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	10/07/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D
4-Nitrophenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
Acetophenone	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
Aniline	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	10/07/21	WB	SW8270D
Benzoic acid	ND	25	9.9	ug/L	1	10/07/21	WB	SW8270D

Project ID: 188 E 135TH STREET
Client ID: 20 MW 4

Phoenix I.D.: CJ48518

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	10/07/21	WB	SW8270D	
Dibenzofuran	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Dimethylphthalate	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Fluoranthene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Fluorene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Hexachloroethane	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	10/07/21	WB	SW8270D	
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/07/21	WB	SW8270D	
Phenol	ND	0.99	0.99	ug/L	1	10/07/21	WB	SW8270D	
Pyrene	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D	
Pyridine	ND	9.9	1.2	ug/L	1	10/07/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82			%	1	10/07/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	69			%	1	10/07/21	WB	30 - 130 %	
% 2-Fluorophenol	49			%	1	10/07/21	WB	15 - 110 %	
% Nitrobenzene-d5	67			%	1	10/07/21	WB	30 - 130 %	
% Phenol-d5	55			%	1	10/07/21	WB	15 - 110 %	
% Terphenyl-d14	90			%	1	10/07/21	WB	30 - 130 %	
Semivolatiles									
Acenaphthylene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/06/21	WB	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Pentachlorophenol	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Phenanthrene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	77			%	1	10/06/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	67			%	1	10/06/21	WB	30 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	53			%	1	10/06/21	WB	15 - 110 %
% Nitrobenzene-d5	62			%	1	10/06/21	WB	30 - 130 %
% Phenol-d5	53			%	1	10/06/21	WB	15 - 110 %
% Terphenyl-d14	65			%	1	10/06/21	WB	30 - 130 %

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.

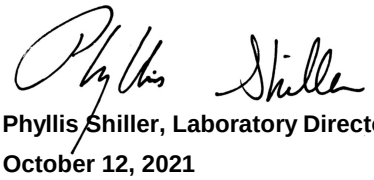
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab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

Semi-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.

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
October 12, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory 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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	16:30
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48519

Project ID: 188 E 135TH STREET
Client ID: DUP

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Aluminum	ND		0.020	0.01	mg/L	1	10/06/21	EK	SW6010D
Arsenic - LDL	0.019		0.004	0.004	mg/L	1	10/06/21	EK	SW6010D
Barium	0.096		0.010	0.001	mg/L	1	10/06/21	EK	SW6010D
Beryllium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Calcium	104		0.010	0.01	mg/L	1	10/06/21	EK	SW6010D
Cadmium	ND		0.004	0.0005	mg/L	1	10/06/21	EK	SW6010D
Cobalt	0.002	J	0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Chromium	ND		0.001	0.001	mg/L	1	10/06/21	EK	SW6010D
Copper	0.006		0.005	0.001	mg/L	1	10/06/21	EK	SW6010D
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Aluminum (Dissolved)	0.023		0.011	0.0026	mg/L	1	10/05/21	EK	SW6010D
Arsenic, (Dissolved)	0.006		0.003	0.001	mg/L	1	10/05/21	EK	SW6010D
Barium (Dissolved)	0.066		0.011	0.001	mg/L	1	10/05/21	EK	SW6010D
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Calcium (Dissolved)	96.6		0.01	0.003	mg/L	1	10/05/21	EK	SW6010D
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	10/05/21	EK	SW6010D
Cobalt, (Dissolved)	0.001	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	10/05/21	EK	SW6010D
Copper, (Dissolved)	0.001	J	0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Iron, (Dissolved)	ND		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A
Potassium (Dissolved)	19.9		0.1	0.1	mg/L	1	10/05/21	EK	SW6010D
Magnesium (Dissolved)	40.6		0.01	0.01	mg/L	1	10/05/21	EK	SW6010D
Manganese, (Dissolved)	1.67		0.005	0.001	mg/L	1	10/05/21	EK	SW6010D
Sodium (Dissolved)	361		1.1	1.1	mg/L	10	10/06/21	EK	SW6010D
Nickel, (Dissolved)	0.004	J	0.004	0.001	mg/L	1	10/06/21	CPP	SW6010D
Lead (Dissolved)	0.001	J	0.002	0.001	mg/L	1	10/05/21	EK	SW6010D

Ver 1

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony (Dissolved)-LDL	0.0019	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Selenium (Dissolved)-LDL	ND	0.002	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Thallium (Dissolved)	ND	0.0003	0.0001	mg/L	1	10/06/21	CPP	SW6020B	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	10/05/21	EK	SW6010D	
Zinc, (Dissolved)	ND	0.011	0.002	mg/L	1	10/05/21	EK	SW6010D	
Iron	5.21	0.01	0.01	mg/L	1	10/06/21	EK	SW6010D	
Mercury	ND	0.0002	0.00015	mg/L	1	10/05/21	AP	SW7470A	
Potassium	23.6	0.1	0.01	mg/L	1	10/06/21	EK	SW6010D	
Magnesium	46.9	0.010	0.01	mg/L	1	10/06/21	EK	SW6010D	
Manganese	2.09	0.050	0.010	mg/L	10	10/07/21	CPP	SW6010D	
Sodium	369	1.0	1.0	mg/L	10	10/07/21	CPP	SW6010D	
Nickel	0.007	0.004	0.001	mg/L	1	10/06/21	CPP	SW6010D	
Lead	ND	0.002	0.001	mg/L	1	10/06/21	EK	SW6010D	
Antimony	ND	0.0030	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Selenium	ND	0.010	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Thallium	ND	0.0005	0.0005	mg/L	5	10/07/21	CPP	SW6020B	
Vanadium	0.001	J 0.010	0.001	mg/L	1	10/06/21	EK	SW6010D	
Zinc	0.009	J 0.010	0.0011	mg/L	1	10/06/21	EK	SW6010D	
Filtration	Completed					10/04/21	TH	0.45um Filter	
Dissolved Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
Mercury Digestion	Completed					10/05/21	AB/AB	SW7470A	
PCB Extraction (LDL)	Completed					10/04/21	F/F	SW3510C	
Extraction for Pest (LDL)	Completed					10/04/21	F/F	SW3510C	
Semi-Volatile Extraction	Completed					10/04/21	P/K	SW3520C	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Dissolved Metals Preparation	Completed					10/04/21	TH	SW3005A	
Total Metals Digestion	Completed					10/05/21	TH		
Total Metals Digestion MS	Completed					10/05/21	TH		

Pesticides

4,4' -DDD	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
a-chlordane	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
Alachlor	ND	0.079	0.079	ug/L	1	10/06/21	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	10/06/21	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Chlordane	ND	0.021	0.021	ug/L	1	10/06/21	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Dieldrin	ND	0.004	0.004	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan I	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan II	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
Endosulfan Sulfate	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
Endrin	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
Endrin Aldehyde	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
Endrin ketone	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B	
g-chlordane	ND	0.011	0.011	ug/L	1	10/06/21	AW	SW8081B	

Ver 1

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Heptachlor epoxide	ND	0.005	0.005	ug/L	1	10/06/21	AW	SW8081B
Methoxychlor	ND	0.11	0.11	ug/L	1	10/06/21	AW	SW8081B
Toxaphene	ND	0.21	0.21	ug/L	1	10/06/21	AW	SW8081B
QA/QC Surrogates								
%DCBP (Surrogate Rec)	85			%	1	10/06/21	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	70			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec)	92			%	1	10/06/21	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	70			%	1	10/06/21	AW	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1221	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1232	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1242	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1248	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1254	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1260	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1262	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
PCB-1268	ND	0.053	0.053	ug/L	1	10/05/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	74			%	1	10/05/21	SC	30 - 150 %
% DCBP (Confirmation)	80			%	1	10/05/21	SC	30 - 150 %
% TCMX	78			%	1	10/05/21	SC	30 - 150 %
% TCMX (Confirmation)	80			%	1	10/05/21	SC	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	

QA/QC Surrogates

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	103			%	1	10/07/21	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	10/07/21	MH	70 - 130 %
% Dibromofluoromethane	91			%	1	10/07/21	MH	70 - 130 %
% Toluene-d8	91			%	1	10/07/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/07/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	10/07/21	MH	SW8260C
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
2-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	10/07/21	WB	SW8270D
3-Nitroaniline	ND	5.0	2.0	ug/L	1	10/07/21	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	10/07/21	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
Aniline	ND	3.5	3.5	ug/L	1	10/07/21	WB	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	10/07/21	WB	SW8270D
Benzoic acid	ND	25	10	ug/L	1	10/07/21	WB	SW8270D

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Carbazole	ND	5.0	3.8	ug/L	1	10/07/21	WB	SW8270D	
Dibenzofuran	ND	5.0	1.5	ug/L	1	10/07/21	WB	SW8270D	
Diethyl phthalate	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Dimethylphthalate	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	10/07/21	WB	SW8270D	
Fluoranthene	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
Fluorene	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D	
Hexachloroethane	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Isophorone	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
Naphthalene	ND	5.0	1.4	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	10/07/21	WB	SW8270D	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	10/07/21	WB	SW8270D	
Pentachloronitrobenzene	ND	2.5	2.5	ug/L	1	10/07/21	WB	SW8270D	
Phenol	ND	1.0	1.0	ug/L	1	10/07/21	WB	SW8270D	
Pyrene	ND	5.0	1.7	ug/L	1	10/07/21	WB	SW8270D	
Pyridine	ND	10	1.2	ug/L	1	10/07/21	WB	SW8270D	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	77			%	1	10/07/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	70			%	1	10/07/21	WB	30 - 130 %	
% 2-Fluorophenol	57			%	1	10/07/21	WB	15 - 110 %	
% Nitrobenzene-d5	74			%	1	10/07/21	WB	30 - 130 %	
% Phenol-d5	63			%	1	10/07/21	WB	15 - 110 %	
% Terphenyl-d14	90			%	1	10/07/21	WB	30 - 130 %	
Semivolatiles									
Acenaphthylene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Chrysene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Nitrobenzene	ND	0.40	0.40	ug/L	1	10/06/21	WB	SW8270D (SIM)	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Pentachlorophenol	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
Phenanthrene	ND	0.50	0.50	ug/L	1	10/06/21	WB	SW8270D (SIM)	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78			%	1	10/06/21	WB	15 - 110 %	
% 2-Fluorobiphenyl	68			%	1	10/06/21	WB	30 - 130 %	

Ver 1

Project ID: 188 E 135TH STREET
Client ID: DUP

Phoenix I.D.: CJ48519

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	59			%	1	10/06/21	WB	15 - 110 %
% Nitrobenzene-d5	67			%	1	10/06/21	WB	30 - 130 %
% Phenol-d5	63			%	1	10/06/21	WB	15 - 110 %
% Terphenyl-d14	65			%	1	10/06/21	WB	30 - 130 %

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.

Semi-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.

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
October 12, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory 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

October 12, 2021

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
14 Evans Lane
Miller Place, NY 11764

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/01/21	
Location Code:	BRUSSEE	Received by:	SW	10/04/21	16:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ48515
Phoenix ID: CJ48520

Project ID: 188 E 135TH STREET
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/06/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/06/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	

Project ID: 188 E 135TH STREET
Client ID: TRIP BLANK

Phoenix I.D.: CJ48520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/06/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	10/06/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/06/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/06/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	10/06/21	MH	70 - 130 %	
% Bromofluorobenzene	98			%	1	10/06/21	MH	70 - 130 %	
% Dibromofluoromethane	93			%	1	10/06/21	MH	70 - 130 %	

Ver 1

Project ID: 188 E 135TH STREET
Client ID: TRIP BLANK

Phoenix I.D.: CJ48520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	10/06/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/06/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/06/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/06/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/06/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	10/06/21	MH	SW8260C

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.

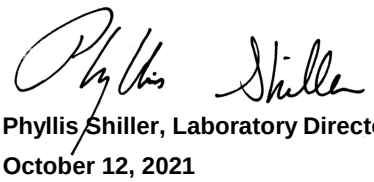
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis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

Comments:

TRIP BLANK INCLUDED.

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.

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
October 12, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Tuesday, October 12, 2021

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCJ48515 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ48515	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ48515	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48515	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48515	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48515	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48515	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
CJ48515	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	3.75	0.020	0.1	0.1	mg/L
CJ48515	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.46	0.005	0.3	0.3	mg/L
CJ48515	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	315	1.1	20	20	mg/L
CJ48515	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	11.1	0.01	0.3	0.3	mg/L
CJ48515	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	39.8	0.010	35	35	mg/L
CJ48515	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.94	0.005	0.3	0.3	mg/L
CJ48515	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	308	1.0	20	20	mg/L
CJ48515	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.028	0.002	0.025	0.025	mg/L
CJ48516	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48516	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ48516	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48516	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.57	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.64	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.64	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.49	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.64	0.02	0.002	0.002	ug/L
CJ48516	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.57	0.02	0.002	0.002	ug/L
CJ48516	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	ug/L
CJ48516	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	108	0.20	0.1	0.1	mg/L
CJ48516	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.033	0.004	0.025	0.025	mg/L
CJ48516	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.011	0.001	0.003	0.003	mg/L

Tuesday, October 12, 2021

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCJ48515 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ48516	CD-WMDP	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.008	0.004	0.005	0.005	mg/L
CJ48516	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.191	0.001	0.05	0.05	mg/L
CJ48516	CU-WMDP	Copper	NY / TOGS - Water Quality / GA Criteria	0.358	0.005	0.2	0.2	mg/L
CJ48516	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.245	0.011	0.1	0.1	mg/L
CJ48516	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	84.7	1.1	20	20	mg/L
CJ48516	D-SB-MS	Antimony (Dissolved)-LDL	NY / TOGS - Water Quality / GA Criteria	0.0106	0.0003	0.003	0.003	mg/L
CJ48516	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	203	0.10	0.3	0.3	mg/L
CJ48516	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	87.7	0.10	35	35	mg/L
CJ48516	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	7.54	0.050	0.3	0.3	mg/L
CJ48516	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	201	1.0	20	20	mg/L
CJ48516	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.165	0.004	0.1	0.1	mg/L
CJ48516	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.876	0.002	0.025	0.025	mg/L
CJ48516	TL-WM-MS	Thallium	NY / TOGS - Water Quality / GA Criteria	0.0020	0.0005	0.0005	0.0005	mg/L
CJ48517	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ48517	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48517	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48517	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48517	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48517	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	ug/L
CJ48517	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	38.5	0.01	35	35	mg/L
CJ48517	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.61	0.005	0.3	0.3	mg/L
CJ48517	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	347	1.1	20	20	mg/L
CJ48517	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	5.41	0.01	0.3	0.3	mg/L
CJ48517	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	43.5	0.010	35	35	mg/L
CJ48517	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.91	0.005	0.3	0.3	mg/L
CJ48517	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	350	1.0	20	20	mg/L
CJ48518	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48518	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48518	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ48518	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Tuesday, October 12, 2021

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCJ48515 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ48518	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48518	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48518	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
CJ48518	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	37.8	0.01	35	35	mg/L
CJ48518	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.54	0.005	0.3	0.3	mg/L
CJ48518	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	342	1.1	20	20	mg/L
CJ48518	D-SB-MS	Antimony (Dissolved)-LDL	NY / TOGS - Water Quality / GA Criteria	0.0036	0.0003	0.003	0.003	mg/L
CJ48518	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	5.95	0.01	0.3	0.3	mg/L
CJ48518	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	42.8	0.010	35	35	mg/L
CJ48518	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.93	0.005	0.3	0.3	mg/L
CJ48518	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	333	1.0	20	20	mg/L
CJ48519	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48519	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ48519	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48519	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48519	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CJ48519	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.21	0.06	0.06	ug/L
CJ48519	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	40.6	0.01	35	35	mg/L
CJ48519	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.67	0.005	0.3	0.3	mg/L
CJ48519	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	361	1.1	20	20	mg/L
CJ48519	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	5.21	0.01	0.3	0.3	mg/L
CJ48519	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	46.9	0.010	35	35	mg/L
CJ48519	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	2.09	0.050	0.3	0.3	mg/L
CJ48519	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	369	1.0	20	20	mg/L

Tuesday, October 12, 2021

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCJ48515 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ48520	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ48520	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ48520	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

October 12, 2021

SDG I.D.: GCJ48515

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

Temp 2.0 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
[X] Phone: (631) 338-1749
[ ] Fax:
[X] Email: kevinbrussee@hotmail.com

Customer: BEC
Address: 14 Evans Lane
Miller Place NY

Project: 138 E. 135th Street
Report to: BEC (Kevin Brussee)
Invoice to: BEC
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/1/21

Client Sample - Information - Identification

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	Pest/PCB	Dissolved Metals	Undissolved Metals	1,4 Dioxane	GL Amber 8 oz. w/ NaHSO4	Soil VOA Vials X methanol [X] H2O	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
48515	20MW1	GW	10/1/21	1500	X	X	X	X	X	X	1				3	3	1			1
48516	20MW2	GW	10/1/21	1430	X	X	X	X	X	X	1				3	3	1			1
48517	20MW3	GW	10/1/21	1530	X	X	X	X	X	X	1				3	3	1			1
48518	20MW4	GW	10/1/21	1600	X	X	X	X	X						3	3	1			1
48519	DUP	GW	10/1/21	1630	X	X	X	X	X						3	3	1			1
48520	Trip Blank	L	9/24/21	—	X										2					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10.4.21	10.32
[signature]	[signature]	10/4	1647

Comments, Special Requirements or Regulations:

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

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

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

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

NY
[X] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY