



Wednesday, November 23, 2022

Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Project ID: 7538-MRNY
SDG ID: GCM87254
Sample ID#s: CM87254 - CM87258

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,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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
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



SDG Comments

November 23, 2022

SDG I.D.: GCM87254

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/ECD method 504 or 8011 to achieve this criteria.



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



Sample Id Cross Reference

November 23, 2022

SDG I.D.: GCM87254

Project ID: 7538-MRNY

Client Id	Lab Id	Matrix
MW-3D	CM87254	GROUND WATER
MW-2D	CM87255	GROUND WATER
MW-2S	CM87256	GROUND WATER
MW-1S	CM87257	GROUND WATER
MW-1D	CM87258	GROUND WATER



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



Analysis Report

November 23, 2022

FOR: Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Sample Information

Matrix: GROUND WATER
Location Code: ACT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date	Time
11/15/22	9:45
11/16/22	16:00

Laboratory Data

SDG ID: GCM87254
Phoenix ID: CM87254

Project ID: 7538-MRNY
Client ID: MW-3D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/18/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/18/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
cis-1,2-Dichloroethene	4.0	1.0	ug/L	1	11/18/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/18/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	11/18/22	MH	70 - 130 %
% Bromofluorobenzene	96		%	1	11/18/22	MH	70 - 130 %
% Dibromofluoromethane	105		%	1	11/18/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	11/18/22	MH	70 - 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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

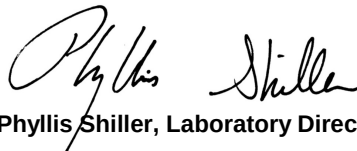
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 23, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

November 23, 2022

FOR: Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Sample Information

Matrix: GROUND WATER
Location Code: ACT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date	Time
11/15/22	10:45
11/16/22	16:00

Laboratory Data

SDG ID: GCM87254
Phoenix ID: CM87255

Project ID: 7538-MRNY
Client ID: MW-2D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethene	1.3	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/18/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/18/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
cis-1,2-Dichloroethene	480	20	ug/L	20	11/20/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrachloroethene	9.8	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/18/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,2-Dichloroethene	24	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Trichloroethene	36	20	ug/L	20	11/20/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	11/18/22	MH	70 - 130 %
% Bromofluorobenzene	93		%	1	11/18/22	MH	70 - 130 %
% Dibromofluoromethane	103		%	1	11/18/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	11/18/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	99		%	20	11/20/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96		%	20	11/20/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	106		%	20	11/20/22	MH	70 - 130 %
% Toluene-d8 (20x)	100		%	20	11/20/22	MH	70 - 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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 23, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

November 23, 2022

FOR: Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Sample Information

Matrix: GROUND WATER
Location Code: ACT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

11/15/22 12:00
11/16/22 16:00

Time

Laboratory Data

SDG ID: GCM87254
Phoenix ID: CM87256

Project ID: 7538-MRNY
Client ID: MW-2S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/18/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/18/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/18/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/18/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrachloroethene	2.3	1.0	ug/L	1	11/18/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/18/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/18/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/18/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/18/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	1	11/18/22	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	11/18/22	MH	70 - 130 %
% Dibromofluoromethane	106		%	1	11/18/22	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	11/18/22	MH	70 - 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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

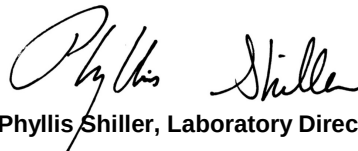
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 23, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

November 23, 2022

FOR: Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Sample Information

Matrix: GROUND WATER
Location Code: ACT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date	Time
11/15/22	13:05
11/16/22	16:00

Laboratory Data

SDG ID: GCM87254
Phoenix ID: CM87257

Project ID: 7538-MRNY
Client ID: MW-1S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Iron (Dissolved)	0.012	0.011	mg/L	1	11/22/22	TH	SW6010D
Manganese (Dissolved)	0.020	0.001	mg/L	1	11/22/22	TH	SW6010D
Iron	0.858	0.010	mg/L	1	11/19/22	CPP	SW6010D
Manganese	0.655	0.001	mg/L	1	11/19/22	CPP	SW6010D
Nitrite as Nitrogen	< 0.01	0.01	mg/L	1	11/16/22 22:39	BS/GD	E300.0
Nitrate as Nitrogen	2.65	0.05	mg/L	1	11/16/22 22:39	BS/GD	E300.0
Sulfate	18.3	5.0	mg/L	1	11/16/22	BS/GD	E300.0
Total Organic Carbon	3.6	1.0	mg/L	1	11/19/22	EG	SM5310B-14
Filtration	Completed				11/17/22	AG	0.45um Filter
Dissolved Metals Preparation	Completed				11/17/22	AG	SW3005A
Total Metals Digestion	Completed				11/16/22	AG	

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloroethene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	11/18/22	MH	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	11/18/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	ug/L	20	11/18/22	MH	SW8260C
1,2-Dibromoethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2,2-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2-Chlorotoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2-Hexanone	ND	50	ug/L	20	11/18/22	MH	SW8260C
2-Isopropyltoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
4-Chlorotoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
4-Methyl-2-pentanone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Acetone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Benzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromochloromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	11/18/22	MH	SW8260C
Bromoform	ND	20	ug/L	20	11/18/22	MH	SW8260C
Bromomethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Carbon Disulfide	ND	50	ug/L	20	11/18/22	MH	SW8260C
Carbon tetrachloride	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chloroform	ND	7.0	ug/L	20	11/18/22	MH	SW8260C
Chloromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
cis-1,2-Dichloroethene	1700	200	ug/L	200	11/20/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	11/18/22	MH	SW8260C
Dibromomethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Ethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Hexachlorobutadiene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Isopropylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
m&p-Xylene	ND	20	ug/L	20	11/18/22	MH	SW8260C
Methyl ethyl ketone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	11/18/22	MH	SW8260C
Methylene chloride	ND	10	ug/L	20	11/18/22	MH	SW8260C
Naphthalene	ND	10	ug/L	20	11/18/22	MH	SW8260C
n-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
n-Propylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
o-Xylene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
p-Isopropyltoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
sec-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Styrene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
tert-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Tetrachloroethene	850	200	ug/L	200	11/20/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	11/18/22	MH	SW8260C
Toluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C

1

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
trans-1,2-Dichloroethene	19	5.0	ug/L	20	11/18/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	50	ug/L	20	11/18/22	MH	SW8260C
Trichloroethene	1300	200	ug/L	200	11/20/22	MH	SW8260C
Trichlorofluoromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Vinyl chloride	83	20	ug/L	20	11/18/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (20x)	99		%	20	11/18/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96		%	20	11/18/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	105		%	20	11/18/22	MH	70 - 130 %
% Toluene-d8 (20x)	100		%	20	11/18/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	100		%	200	11/20/22	MH	70 - 130 %
% Bromofluorobenzene (200x)	95		%	200	11/20/22	MH	70 - 130 %
% Dibromofluoromethane (200x)	105		%	200	11/20/22	MH	70 - 130 %
% Toluene-d8 (200x)	100		%	200	11/20/22	MH	70 - 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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

November 23, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

November 23, 2022

FOR: Attn: Jason Stewart
Advanced Cleanup Technologies, Inc.
228 Park Ave S PMB 34864
New York, New York 10003

Sample Information

Matrix: GROUND WATER
Location Code: ACT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date	Time
11/15/22	14:15
11/16/22	16:00

Laboratory Data

SDG ID: GCM87254
Phoenix ID: CM87258

Project ID: 7538-MRNY
Client ID: MW-1D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Iron (Dissolved)	0.065	0.011	mg/L	1	11/22/22	TH	SW6010D
Manganese (Dissolved)	0.463	0.001	mg/L	1	11/22/22	TH	SW6010D
Iron	4.74	0.010	mg/L	1	11/19/22	CPP	SW6010D
Manganese	0.838	0.001	mg/L	1	11/19/22	CPP	SW6010D
Nitrite as Nitrogen	< 0.01	0.01	mg/L	1	11/16/22 22:49	BS/GD	E300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	1	11/16/22 22:49	BS/GD	E300.0
Sulfate	< 5.0	5.0	mg/L	1	11/16/22	BS/GD	E300.0
Total Organic Carbon	< 1.0	1.0	mg/L	1	11/19/22	EG	SM5310B-14
Filtration	Completed				11/17/22	AG	0.45um Filter
Dissolved Metals Preparation	Completed				11/17/22	AG	SW3005A
Total Metals Digestion	Completed				11/16/22	AG	

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloroethene	14	5.0	ug/L	20	11/18/22	MH	SW8260C
1,1-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	11/18/22	MH	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	11/18/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	ug/L	20	11/18/22	MH	SW8260C
1,2-Dibromoethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,2-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,3-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2,2-Dichloropropane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2-Chlorotoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
2-Hexanone	ND	50	ug/L	20	11/18/22	MH	SW8260C
2-Isopropyltoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
4-Chlorotoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
4-Methyl-2-pentanone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Acetone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Benzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromochloromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	11/18/22	MH	SW8260C
Bromoform	ND	20	ug/L	20	11/18/22	MH	SW8260C
Bromomethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Carbon Disulfide	ND	50	ug/L	20	11/18/22	MH	SW8260C
Carbon tetrachloride	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chlorobenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chloroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Chloroform	ND	7.0	ug/L	20	11/18/22	MH	SW8260C
Chloromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
cis-1,2-Dichloroethene	3700	500	ug/L	500	11/20/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	11/18/22	MH	SW8260C
Dibromomethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Ethylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Hexachlorobutadiene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Isopropylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
m&p-Xylene	ND	20	ug/L	20	11/18/22	MH	SW8260C
Methyl ethyl ketone	ND	50	ug/L	20	11/18/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	11/18/22	MH	SW8260C
Methylene chloride	ND	10	ug/L	20	11/18/22	MH	SW8260C
Naphthalene	ND	10	ug/L	20	11/18/22	MH	SW8260C
n-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
n-Propylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
o-Xylene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
p-Isopropyltoluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
sec-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Styrene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
tert-Butylbenzene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Tetrachloroethene	6000	500	ug/L	500	11/20/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	11/18/22	MH	SW8260C
Toluene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C

1

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
trans-1,2-Dichloroethene	160	20	ug/L	20	11/18/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	50	ug/L	20	11/18/22	MH	SW8260C
Trichloroethene	8700	500	ug/L	500	11/20/22	MH	SW8260C
Trichlorofluoromethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
Vinyl chloride	ND	5.0	ug/L	20	11/18/22	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (20x)	100		%	20	11/18/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	97		%	20	11/18/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	106		%	20	11/18/22	MH	70 - 130 %
% Toluene-d8 (20x)	109		%	20	11/18/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (500x)	99		%	500	11/20/22	MH	70 - 130 %
% Bromofluorobenzene (500x)	96		%	500	11/20/22	MH	70 - 130 %
% Dibromofluoromethane (500x)	105		%	500	11/20/22	MH	70 - 130 %
% Toluene-d8 (500x)	100		%	500	11/20/22	MH	70 - 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 at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

November 23, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



QA/QC Report

November 23, 2022

QA/QC Data

SDG I.D.: GCM87254

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	-----------	------------------	---------------	------------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 652392 (mg/L), QC Sample No: CM86391 (CM87257, CM87258)

ICP Metals - Aqueous

Iron	BRL	0.010	0.041	0.043	NC	98.4	98.3	0.1	101			80 - 120	20
Manganese	BRL	0.001	0.008	0.008	0	99.4	98.8	0.6	102			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

QA/QC Batch 652608 (mg/L), QC Sample No: CM87694 (CM87257, CM87258)

ICP Metals - Dissolved

Iron	BRL	0.011	0.016	0.015	NC	94.4	93.4	1.1	94.0			80 - 120	20
Manganese	BRL	0.001	0.036	0.038	5.40	95.6	95.3	0.3	96.1			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.



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



QA/QC Report

November 23, 2022

QA/QC Data

SDG I.D.: GCM87254

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 652908 (mg/L), QC Sample No: CM88186 (CM87257, CM87258)													
Total Organic Carbon	BRL	1.0	1.1	1.0	NC	102			110			85 - 115	20
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 652710 (mg/L), QC Sample No: CM86393 (CM87257, CM87258)													
Nitrate as Nitrogen	BRL	0.05	0.03	<0.05	NC	92.5			92.6			90 - 110	20
Nitrite as Nitrogen	BRL	0.004	<0.004	<0.004	NC	94.6			92.2			90 - 110	20
Sulfate	BRL	5.0	10.3	10.0	NC	97.6			93.6			90 - 110	20



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



QA/QC Report

November 23, 2022

QA/QC Data

SDG I.D.: GCM87254

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 653044 (ug/L), QC Sample No: CM87067 (CM87254, CM87255, CM87256, CM87257 (20X) , CM87258 (20X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	117	114	2.6				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	104	99	4.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	106	103	2.9				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	105	102	2.9				70 - 130	30
1,1-Dichloroethane	ND	1.0	103	99	4.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	102	96	6.1				70 - 130	30
1,1-Dichloropropene	ND	1.0	103	96	7.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	113	112	0.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	108	106	1.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	113	111	1.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	112	108	3.6				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	106	107	0.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	111	110	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	109	105	3.7				70 - 130	30
1,2-Dichloroethane	ND	1.0	105	101	3.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	106	103	2.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	112	108	3.6				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	109	107	1.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	110	107	2.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	108	106	1.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	101	114	12.1				70 - 130	30
2-Chlorotoluene	ND	1.0	111	109	1.8				70 - 130	30
2-Hexanone	ND	5.0	105	102	2.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	110	106	3.7				70 - 130	30
4-Chlorotoluene	ND	1.0	112	109	2.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	102	100	2.0				70 - 130	30
Acetone	ND	5.0	91	89	2.2				70 - 130	30
Acrylonitrile	ND	5.0	102	95	7.1				70 - 130	30
Benzene	ND	0.70	109	105	3.7				70 - 130	30
Bromobenzene	ND	1.0	112	110	1.8				70 - 130	30
Bromochloromethane	ND	1.0	105	104	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	106	103	2.9				70 - 130	30
Bromoform	ND	1.0	104	103	1.0				70 - 130	30
Bromomethane	ND	1.0	119	119	0.0				70 - 130	30
Carbon Disulfide	ND	1.0	96	91	5.3				70 - 130	30
Carbon tetrachloride	ND	1.0	104	98	5.9				70 - 130	30
Chlorobenzene	ND	1.0	108	106	1.9				70 - 130	30
Chloroethane	ND	1.0	101	97	4.0				70 - 130	30
Chloroform	ND	1.0	101	97	4.0				70 - 130	30
Chloromethane	ND	1.0	105	104	1.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	105	101	3.9				70 - 130	30

QA/QC Data

SDG I.D.: GCM87254

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	110	110	0.0				70 - 130	30
Dibromochloromethane	ND	0.50	113	114	0.9				70 - 130	30
Dibromomethane	ND	1.0	108	105	2.8				70 - 130	30
Dichlorodifluoromethane	ND	1.0	95	93	2.1				70 - 130	30
Ethylbenzene	ND	1.0	111	107	3.7				70 - 130	30
Hexachlorobutadiene	ND	0.40	98	103	5.0				70 - 130	30
Isopropylbenzene	ND	1.0	113	108	4.5				70 - 130	30
m&p-Xylene	ND	1.0	110	107	2.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	103	101	2.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	103	100	3.0				70 - 130	30
Methylene chloride	ND	1.0	91	89	2.2				70 - 130	30
Naphthalene	ND	1.0	114	111	2.7				70 - 130	30
n-Butylbenzene	ND	1.0	108	106	1.9				70 - 130	30
n-Propylbenzene	ND	1.0	110	107	2.8				70 - 130	30
o-Xylene	ND	1.0	110	107	2.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	109	106	2.8				70 - 130	30
sec-Butylbenzene	ND	1.0	110	106	3.7				70 - 130	30
Styrene	ND	1.0	115	111	3.5				70 - 130	30
tert-Butylbenzene	ND	1.0	110	106	3.7				70 - 130	30
Tetrachloroethene	ND	1.0	105	99	5.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	87	88	1.1				70 - 130	30
Toluene	ND	1.0	109	105	3.7				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	105	99	5.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	113	115	1.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	104	109	4.7				70 - 130	30
Trichloroethene	ND	1.0	107	102	4.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	92	7.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	90	86	4.5				70 - 130	30
Vinyl chloride	ND	1.0	106	98	7.8				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0				70 - 130	30
% Bromofluorobenzene	98	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	102	%	96	95	1.0				70 - 130	30
% Toluene-d8	100	%	99	100	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 653135 (ug/L), QC Sample No: CM87258 (CM87255 (20X) , CM87257 (200X) , CM87258 (500X))

Volatiles - Ground Water

cis-1,2-Dichloroethene	ND	1.0	100	98	2.0				70 - 130	30
Tetrachloroethene	ND	1.0	90	89	1.1				70 - 130	30
Trichloroethene	ND	1.0	94	92	2.2				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0				70 - 130	30
% Bromofluorobenzene	95	%	98	101	3.0				70 - 130	30
% Dibromofluoromethane	104	%	100	100	0.0				70 - 130	30
% Toluene-d8	100	%	100	101	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCM87254

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

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

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



Phyllis Shiller, Laboratory Director
November 23, 2022

Wednesday, November 23, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCM87254 - ACT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM87254	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CM87254	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CM87254	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CM87255	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	9.8	1.0	5	5	ug/L
CM87255	\$8260GWR	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	24	1.0	5	5	ug/L
CM87255	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	36	20	5	5	ug/L
CM87255	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	36	20	5	5	ug/L
CM87255	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CM87255	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CM87255	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CM87255	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	480	20	5	5	ug/L
CM87255	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	9.8	1.0	5	5	ug/L
CM87255	\$8260GWR	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	24	1.0	5	5	ug/L
CM87256	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CM87256	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CM87256	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CM87257	\$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
CM87257	\$8260GWR	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	83	20	2	2	ug/L
CM87257	\$8260GWR	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	19	5.0	5	5	ug/L
CM87257	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	850	200	5	5	ug/L
CM87257	\$8260GWR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CM87257	\$8260GWR	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CM87257	\$8260GWR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CM87257	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	1300	200	5	5	ug/L
CM87257	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CM87257	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CM87257	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CM87257	\$8260GWR	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CM87257	\$8260GWR	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87257	\$8260GWR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CM87257	\$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CM87257	\$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87257	\$8260GWR	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87257	\$8260GWR	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	83	20	2	2	ug/L
CM87257	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	1300	200	5	5	ug/L
CM87257	\$8260GWR	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CM87257	\$8260GWR	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	19	5.0	5	5	ug/L
CM87257	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	850	200	5	5	ug/L
CM87257	\$8260GWR	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CM87257	\$8260GWR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L

Wednesday, November 23, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCM87254 - ACT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM87257	\$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CM87257	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	1700	200	5	5	ug/L
CM87257	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	0.858	0.010	0.3	0.3	mg/L
CM87257	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	0.655	0.001	0.3	0.3	mg/L
CM87258	\$8260GWR	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CM87258	\$8260GWR	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CM87258	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6000	500	5	5	ug/L
CM87258	\$8260GWR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CM87258	\$8260GWR	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	160	20	5	5	ug/L
CM87258	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	8700	500	5	5	ug/L
CM87258	\$8260GWR	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	14	5.0	5	5	ug/L
CM87258	\$8260GWR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CM87258	\$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
CM87258	\$8260GWR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L
CM87258	\$8260GWR	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CM87258	\$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CM87258	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	6000	500	5	5	ug/L
CM87258	\$8260GWR	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	160	20	5	5	ug/L
CM87258	\$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87258	\$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CM87258	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	3700	500	5	5	ug/L
CM87258	\$8260GWR	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CM87258	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	8700	500	5	5	ug/L
CM87258	\$8260GWR	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CM87258	\$8260GWR	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CM87258	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CM87258	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CM87258	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CM87258	\$8260GWR	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	14	5.0	5	5	ug/L
CM87258	\$8260GWR	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87258	\$8260GWR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CM87258	\$8260GWR	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CM87258	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.463	0.001	0.3	0.3	mg/L
CM87258	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	4.74	0.010	0.3	0.3	mg/L
CM87258	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	0.838	0.001	0.3	0.3	mg/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



Analysis Comments

November 23, 2022

SDG I.D.: GCM87254

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

VOA Narration

CHEM17 11/18/22-2: CM87254, CM87255, CM87256, CM87257, CM87258

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: 1,1,1,2-Tetrachloroethane 22% (20%), Bromomethane 26% (20%), Dibromochloromethane 21% (20%), trans-1,3-Dichloropropene 28% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: 2-Hexanone 0.052 (0.1), 4-Methyl-2-pentanone 0.071 (0.1), Acetone 0.032 (0.1), Acrylonitrile 0.042 (0.05), Methyl ethyl ketone 0.048 (0.1), Tetrahydrofuran (THF) 0.033 (0.05)

The following Initial Calibration compounds did not meet minimum response factors: Acetone 0.032 (0.05), Acrylonitrile 0.042 (0.05), Methyl ethyl ketone 0.048 (0.05), Tetrahydrofuran (THF) 0.033 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acetone 0.034 (0.05), Acrylonitrile 0.046 (0.05), Tetrahydrofuran (THF) 0.031 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: Acetone 0.032 (0.05), Acrylonitrile 0.042 (0.05), Tetrahydrofuran (THF) 0.033 (0.05)

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



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



NY Temperature Narration

November 23, 2022

SDG I.D.: GCM87254

The samples in this delivery group were received at 1.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

