



AMC Engineering PLLC

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July 30, 2021

Robert Corcoran, P.E., DEC PM, bob.corcoran@dec.ny.gov

Richard Mustico, richard.mustico1@dec.ny.gov

Joseph Jones, joseph.jones@dec.ny.gov

Rosalie Rusinko, Esq., rosalie.rusinko@dec.ny.gov

NYSDEC

**RE: C224203 Former Sterling Transformer - 510 Driggs Avenue
On-Site GW Investigation Report**

Dear Ms. Rusinko and Messrs. Corcoran, Mustico, and Jones,

This report summarizes the activities conducted during the second quarter 2021 sampling events of the on-site groundwater monitoring wells at the subject site, following the approval by the Department.

Background

The site, known as the Former Sterling Transformer, located at 510 Driggs Avenue, Brooklyn, was entered into the Brownfield Program ((Site No. C224203) to allow for the cleanup of contamination and to redevelop the site into a new 6-story mixed use building. An unrestricted use was proposed for the property.

End point samples revealed that track 1 had been achieved. Given that dewatering activities were conducted as part of the remedy, the Department requested that onsite groundwater samples be obtained to assess the groundwater quality with respect to VOCs.

A round of groundwater samples was first obtained on October 2020, from three monitoring wells (MW-A, MW-B, and MW-C). Results yielded high concentration of PCE in MWB, which was located around the deepest excavation east of the elevator pit. It was suspected that the PCE was being retrieved from an unknown offsite source due to the aggressive dewatering efforts, and the fact that a deep well was located nearby this well.

The November 2020 yielded a lower concentration of PCE in MW-B, however an increase concentration in MW-C. Once again, this was attributed to the fact that the deep well withdrawal of groundwater had been reduced, and that the concentration of PCE was not reaching MW-B, but closer to MW-C.

The December 2020 sample revealed that PCE concentration at MW-A and MW-C had increased substantially, while MW-B was decreasing, which resulted in the affirmation that PCE was being brought from an offsite source by the perimeter well point system, and that the migration of PCE-tainted groundwater should stop once dewatering ceases at the site, in another 6 months.

On January 15, 2021, during a telephone call between the Department, the Volunteer and its Consultant, the recent discovery of tetrachloroethylene (PCE) in on-site wells and the data trends

summarized above were discussed. At the time, the Department requested that the Developer / Volunteer investigate the origin of the PCE by sampling offsite wells, under the assumption that the PCE was being drawn onsite by the ongoing dewatering activities. For this purpose, a Work plan was prepared and sent to the Department which described the proposed existing monitoring wells to be sampled. The plan was approved as submitted. On February 19, 2021, five groundwater monitoring wells, MW1, MW4, MW11 through MW13, were sampled. MW12, located on the eastern sidewalk of Driggs Ave., resulted in 12 ppb of PCE. This was the highest concentration found among the sampled wells. MW1, located in the SE corner of the site, yielded 1.7 ppb. MW11, MW13, and MW4, all were below 1 ppb. Dewatering has been continuously ongoing, and it may be likely that dewatering activities are contributing to the groundwater remediation. To prove this concept, the onsite wells were resampled. On March 19, 2021, groundwater samples were collected from the onsite monitoring wells MW-A, MW-B, MW-C. While hard to correlate the results for what is occurring, it is clear that the overall PCE content diminished over time indicating that the dewatering efforts are remediating the groundwater.

On April 14, 2021, during a telephone call between the Department, the Volunteer and its Consultant, the On-Site GW Investigation Report submitted by AMC Engineering on April 12, 2021, was discussed. The Department requested that the on-site monitoring wells were to be sampled on a monthly basis until dewatering activities are terminated.

Monthly On-Site Sampling Events

Monthly groundwater samples were collected from the onsite monitoring wells MW-A, MW-B, MW-C on April 21st, June 10th and July 1st of 2021 (May was skipped because of scheduling problems.)

A disposable polyethylene sampling bailer was used to purge and collect samples from each well location. Samples were collected directly into precleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Samples were analyzed for VOCs via EPA Method 8260.

Dewatering activities ceased on July 16, 2021.

Results:

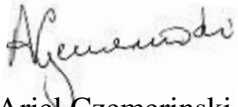
PCE (ug/L)							
MW	10/20/20	11/11/20	12/21/20	3/19/21	4/21/21	6/10/21	7/1/21
A	ND	0.29	2365	4.7	0.62	5.4	0.35
B	1710	756	6.6	230	110	24	99
C	7.5	20.6	412	29	2.1	2.6	8

AMC suspects the dewatering system pulled a slug of PCE contaminated groundwater onto the Site from an off-Site source in late 2020. However, continued operation of the dewatering system seems to have removed the significantly higher PCE concentrations as the remaining PCE in detected groundwater in July 2021 is drastically lower than the initial surge.

Attachments

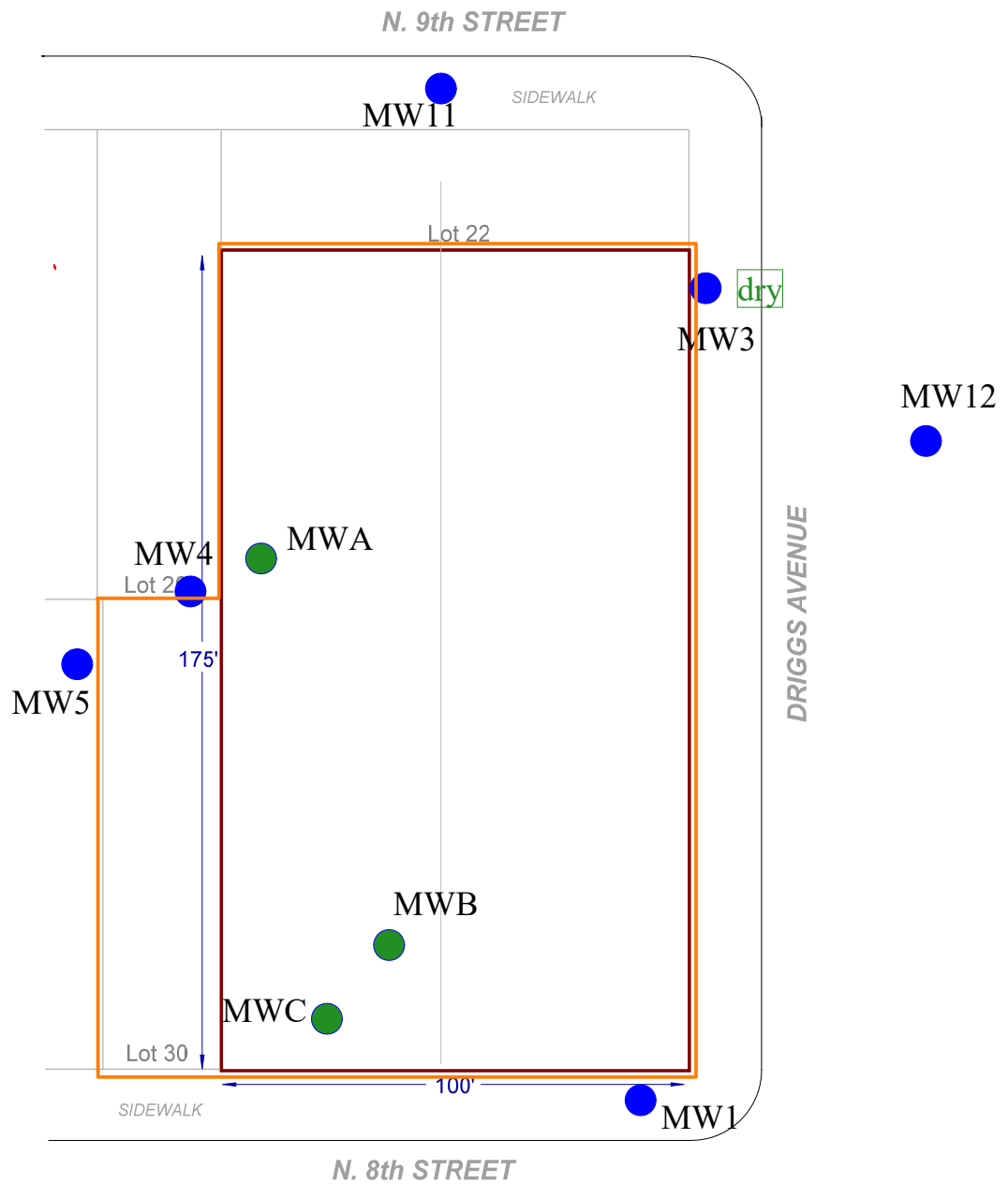
Figure 1: On Site Sampled MW wells with results
Lab Report for on-site testing

Respectfully submitted,



Ariel Czemerinski, PE
AMC Engineering, PLLC

Cc:
Sam Malik
Linda Shaw
Kevin Brussee



KEY:
 BCP Property Boundary
● Sampled MW

SCALE:

 Scale: 1 inch = 30 feet

●
MW13

MW	PCE (ug/L)							
	10/20/2020	11/11/2020	12/21/2020	3/19/2020	3/19/2021	4/21/2021	6/10/2021	7/1/2021
A	ND	0.29	2365	4.7	4.7	0.62	5.4	0.35
B	1710	756	6.6	230	230	110	24	99
C	7.5	20.6	412	29	29	2.1	2.6	8

FIGURE 1

Site Name: FORMER STERLING TRANSFORMER CORP.

Site Address: 510 Driggs Avenue, Brooklyn, NY

7/20/21

Drawing Title: On Site Groundwater Sampling during Dewatering



Friday, April 30, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 510 DRIGGS AVENUE BROOKLYN NY
SDG ID: GCI14842
Sample ID#s: CI14842 - CI14844

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 510 DRIGGS AVENUE BROOKLYN NY
Laboratory Project: GCI14842



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

April 30, 2021

SDG I.D.: GCI14842

Environmental Business Consultants 510 DRIGGS AVENUE BROOKLYN NY

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



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NY Analytical Services Protocol Format

April 30, 2021

SDG I.D.: GCI14842

Environmental Business Consultants 510 DRIGGS AVENUE BROOKLYN NY

Laboratory Chronicle

The samples in this delivery group were received at 2.6°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CI14842	1,4-dioxane	04/21/21	04/26/21	04/26/21	HM	Y
CI14842	Volatiles	04/21/21	04/26/21	04/26/21	HM	Y
CI14842	Volatiles	04/21/21	04/26/21	04/26/21	HM	Y
CI14843	1,4-dioxane	04/21/21	04/26/21	04/26/21	HM	Y
CI14843	Volatiles	04/21/21	04/26/21	04/26/21	HM	Y
CI14843	Volatiles	04/21/21	04/27/21	04/27/21	HM	Y
CI14844	1,4-dioxane	04/21/21	04/26/21	04/26/21	HM	Y
CI14844	Volatiles	04/21/21	04/26/21	04/26/21	HM	Y
CI14844	Volatiles	04/21/21	04/27/21	04/27/21	HM	Y



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SDG Comments

April 30, 2021

SDG I.D.: GCI14842

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.

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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



Sample Id Cross Reference

April 30, 2021

SDG I.D.: GCI14842

Project ID: 510 DRIGGS AVENUE BROOKLYN NY

Client Id	Lab Id	Matrix
MW A	CI14842	GROUND WATER
MW B	CI14843	GROUND WATER
MW C	CI14844	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

April 30, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

04/21/21 13:00
 04/23/21 16:10

Time

Laboratory Data

SDG ID: GCI14842
 Phoenix ID: CI14842

Project ID: 510 DRIGGS AVENUE BROOKLYN NY
 Client ID: MW A

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	04/26/21	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/26/21	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroform	1.3	J 5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,2-Dichloroethene	0.38	J 1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/26/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	04/26/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	04/26/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tetrachloroethene	0.62	J 1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Trichloroethene	0.98	J 1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	94			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	108			%	1	04/26/21	HM	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	04/26/21	HM	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	50	ug/l	1	04/26/21	HM	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	94			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	108			%	1	04/26/21	HM	70 - 130 %
% Toluene-d8	101			%	1	04/26/21	HM	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/26/21	HM	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 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:

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

April 30, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

April 30, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date: 04/21/21 14:00
 04/23/21 16:10

Laboratory Data

SDG ID: GCI14842
 Phoenix ID: CI14843

Project ID: 510 DRIGGS AVENUE BROOKLYN NY
 Client ID: MW B

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	04/26/21	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/26/21	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/26/21	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,2-Dichloroethene	12	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/26/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	590	D 100	25	ug/L	100	04/27/21	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	04/26/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	04/26/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tetrachloroethene	110	D 10	2.5	ug/L	10	04/27/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Trichloroethene	16	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	108			%	1	04/26/21	HM	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	04/26/21	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	96			%	10	04/27/21	HM	70 - 130 %
% Bromofluorobenzene (10x)	92			%	10	04/27/21	HM	70 - 130 %
% Dibromofluoromethane (10x)	110			%	10	04/27/21	HM	70 - 130 %
% Toluene-d8 (10x)	97			%	10	04/27/21	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	98			%	100	04/27/21	HM	70 - 130 %
% Bromofluorobenzene (100x)	92			%	100	04/27/21	HM	70 - 130 %
% Dibromofluoromethane (100x)	106			%	100	04/27/21	HM	70 - 130 %
% Toluene-d8 (100x)	98			%	100	04/27/21	HM	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	50	ug/l	1	04/26/21	HM	SW8260C
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QA/QC Surrogates

% 1,2-dichlorobenzene-d4	95			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	108			%	1	04/26/21	HM	70 - 130 %
% Toluene-d8	102			%	1	04/26/21	HM	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/26/21	HM	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 (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

April 30, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

April 30, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

04/21/21
 04/23/21

Time

14:50
 16:10

Laboratory Data

SDG ID: GCI14842
 Phoenix ID: CI14844

Project ID: 510 DRIGGS AVENUE BROOKLYN NY
 Client ID: MW C

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	04/26/21	HM	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/26/21	HM	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/26/21	HM	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloroform	0.49	J 5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,2-Dichloroethene	1.9	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/26/21	HM	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Methyl t-butyl ether (MTBE)	36	D 5.0	1.3	ug/L	5	04/27/21	HM	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	04/26/21	HM	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	04/26/21	HM	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tetrachloroethene	2.1	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/26/21	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/26/21	HM	SW8260C
Trichloroethene	1.7	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	109			%	1	04/26/21	HM	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	04/26/21	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	99			%	5	04/27/21	HM	70 - 130 %
% Bromofluorobenzene (5x)	91			%	5	04/27/21	HM	70 - 130 %
% Dibromofluoromethane (5x)	111			%	5	04/27/21	HM	70 - 130 %
% Toluene-d8 (5x)	97			%	5	04/27/21	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/26/21	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	04/26/21	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/26/21	HM	70 - 130 %
% Dibromofluoromethane	109			%	1	04/26/21	HM	70 - 130 %
% Toluene-d8	100			%	1	04/26/21	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/26/21	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/26/21	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/26/21	HM	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.

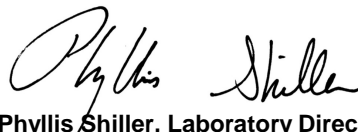
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab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

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Phyllis Shiller, Laboratory Director

April 30, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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

April 30, 2021

QA/QC Data

SDG I.D.: GCI14842

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 572933 (ug/L), QC Sample No: C113428 (C114843 (10X, 100X) , C114844 (5X))

Volatiles - Ground Water

Methyl t-butyl ether (MTBE)	ND	1.0	110	115	4.4				70 - 130	30
Tetrachloroethene	ND	1.0	107	107	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	95	95	0.0				70 - 130	30
% Bromofluorobenzene	93	%	100	100	0.0				70 - 130	30
% Dibromofluoromethane	106	%	107	105	1.9				70 - 130	30
% Toluene-d8	98	%	103	103	0.0				70 - 130	30

Comment:

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

QA/QC Batch 572753 (ug/L), QC Sample No: C114842 (C114842, C114843, C114844)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	90	91	1.1				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	104	2.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	87	88	1.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	94	95	1.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	100	101	1.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	102	1.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	94	3.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	99	101	2.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	84	87	3.5				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	100	103	3.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	104	1.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	90	92	2.2				70 - 130	30
1,2-Dibromoethane	ND	1.0	92	91	1.1				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	92	94	2.2				70 - 130	30
1,2-Dichloroethane	ND	1.0	92	93	1.1				70 - 130	30
1,2-Dichloropropane	ND	1.0	96	95	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	100	103	3.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	93	97	4.2				70 - 130	30
1,3-Dichloropropane	ND	1.0	94	92	2.2				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	92	94	2.2				70 - 130	30
1,4-dioxane	ND	100	95	99	4.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	102	103	1.0				70 - 130	30
2-Chlorotoluene	ND	1.0	99	102	3.0				70 - 130	30
2-Hexanone	ND	5.0	102	101	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	111	116	4.4				70 - 130	30
4-Chlorotoluene	ND	1.0	98	102	4.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	113	111	1.8				70 - 130	30
Acetone	ND	5.0	104	109	4.7				70 - 130	30
Acrolein	ND	5.0	107	107	0.0				70 - 130	30
Acrylonitrile	ND	5.0	104	104	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCI14842

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzene	ND	0.70	92	93	1.1				70 - 130	30
Bromobenzene	ND	1.0	92	94	2.2				70 - 130	30
Bromochloromethane	ND	1.0	94	97	3.1				70 - 130	30
Bromodichloromethane	ND	0.50	95	92	3.2				70 - 130	30
Bromoform	ND	1.0	87	85	2.3				70 - 130	30
Bromomethane	ND	1.0	102	101	1.0				70 - 130	30
Carbon Disulfide	ND	1.0	110	111	0.9				70 - 130	30
Carbon tetrachloride	ND	1.0	120	95	23.3				70 - 130	30
Chlorobenzene	ND	1.0	92	91	1.1				70 - 130	30
Chloroethane	ND	1.0	121	117	3.4				70 - 130	30
Chloroform	ND	1.0	97	98	1.0				70 - 130	30
Chloromethane	ND	1.0	116	116	0.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	95	97	2.1				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	107	105	1.9				70 - 130	30
Dibromochloromethane	ND	0.50	92	91	1.1				70 - 130	30
Dibromomethane	ND	1.0	86	86	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	122	118	3.3				70 - 130	30
Ethylbenzene	ND	1.0	97	96	1.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	91	93	2.2				70 - 130	30
Isopropylbenzene	ND	1.0	104	104	0.0				70 - 130	30
m&p-Xylene	ND	1.0	98	99	1.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	109	110	0.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	116	114	1.7				70 - 130	30
Methylene chloride	ND	1.0	89	88	1.1				70 - 130	30
Naphthalene	ND	1.0	103	103	0.0				70 - 130	30
n-Butylbenzene	ND	1.0	97	100	3.0				70 - 130	30
n-Propylbenzene	ND	1.0	99	99	0.0				70 - 130	30
o-Xylene	ND	1.0	106	108	1.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	106	109	2.8				70 - 130	30
sec-Butylbenzene	ND	1.0	110	112	1.8				70 - 130	30
Styrene	ND	1.0	105	105	0.0				70 - 130	30
tert-butyl alcohol	ND	10	99	102	3.0				70 - 130	30
tert-Butylbenzene	ND	1.0	103	107	3.8				70 - 130	30
Tetrachloroethene	ND	1.0	101	99	2.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	111	108	2.7				70 - 130	30
Toluene	ND	1.0	97	100	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	108	1.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	101	101	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	103	0.0				70 - 130	30
Trichloroethene	ND	1.0	92	93	1.1				70 - 130	30
Trichlorofluoromethane	ND	1.0	114	110	3.6				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	113	113	0.0				70 - 130	30
Vinyl chloride	ND	1.0	113	113	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	98	98	0.0				70 - 130	30
% Bromofluorobenzene	93	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	112	%	108	107	0.9				70 - 130	30
% Toluene-d8	99	%	108	107	0.9				70 - 130	30

Comment:

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

QA/QC Data

SDG I.D.: GCI14842

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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



Phyllis Shiller, Laboratory Director
April 30, 2021

Friday, April 30, 2021

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCI14842 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CI14842	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI14842	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI14842	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI14843	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CI14843	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	16	1.0	5	5	ug/L
CI14843	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CI14843	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI14843	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	110	10	5	5	ug/L
CI14843	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	110	10	5	5	ug/L
CI14843	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI14843	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI14844	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI14844	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI14844	\$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



NY Temperature Narration

April 30, 2021

SDG I.D.: GCI14842

The samples in this delivery group were received at 2.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ CHAIN OF CUSTODY RECORD

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

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

Project: 510 Driggs Avenue Brooklyn NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.:

This section MUST be completed with Bottle Quantities.

Coolant: IPK ICE No
 Cooler: Yes No
 Temp: 7.0 °C Pg. 1 of 1

Contact Options:

Fax:
 Phone: 631-504-6000
 Email: F.14

Sampler's Signature	Client Sample - Information - Identification	Date	Time Sampled	Analysis Request
Thomas Gello		4-21-21		
	MWA	4-21	13:00	VOCs B10
	MWB	4-21	14:00	
	MWC	4-21	14:50	

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Turnaround:	NJ	NY	Data Format
14842	MWA	GW	4-21	13:00	<input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> Other	<input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil Cleanup Criteria <input type="checkbox"/> GW Criteria	<input checked="" type="checkbox"/> NY 375 GWP <input type="checkbox"/> NY375 Unrestricted Use Soil <input type="checkbox"/> NY375 Residential Soil <input type="checkbox"/> Restricted/Residential Commercial <input type="checkbox"/> Industrial	<input type="checkbox"/> Phoenix Std Report <input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input checked="" type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input checked="" type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
14843	MWB	GW	4-21	14:00				
14844	MWC	GW	4-21	14:50				

Relinquished by: *M. Hill* Accepted by: *[Signature]*
 Date: 4-23-21 Time: 11:21
 4/23 1610

Comments, Special Requirements or Regulations:

State where samples were collected: NY

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



Wednesday, June 16, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 510 DRIGGS AVE BK
SDG ID: GCI53315
Sample ID#s: CI53315 - CI53317

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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

June 16, 2021

SDG I.D.: GCI53315

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.



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

June 16, 2021

SDG I.D.: GCI53315

Project ID: 510 DRIGGS AVE BK

Client Id	Lab Id	Matrix
MW A	CI53315	GROUND WATER
MW B	CI53316	GROUND WATER
MW C	CI53317	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

June 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

06/10/21 8:00
 06/11/21 15:23

Time

Laboratory Data

SDG ID: GCI53315
 Phoenix ID: CI53315

Project ID: 510 DRIGGS AVE BK
 Client ID: MW A

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	06/14/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroform	0.85	J 5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,2-Dichloroethene	0.85	J 1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	06/14/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	06/14/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	06/14/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrachloroethene	5.4	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrahydrofuran (THF)	2.5	J 5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Trichloroethene	1.7	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	06/14/21	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	06/14/21	MH	70 - 130 %
% Dibromofluoromethane	107			%	1	06/14/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	06/14/21	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.

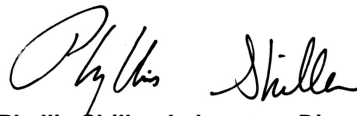
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added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

June 16, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

June 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

06/10/21 8:45
 06/11/21 15:23

Time

Laboratory Data

SDG ID: GCI53315
 Phoenix ID: CI53316

Project ID: 510 DRIGGS AVE BK
 Client ID: MW B

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	06/14/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C

Client ID: MW B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroform	0.31	J 5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,2-Dichloroethene	3.1	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	06/14/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	30	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	06/14/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	06/14/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrachloroethene	24	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrahydrofuran (THF)	3.4	J 5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Trichloroethene	6.6	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	06/14/21	MH	70 - 130 %
% Bromofluorobenzene	102			%	1	06/14/21	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	06/14/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	06/14/21	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.

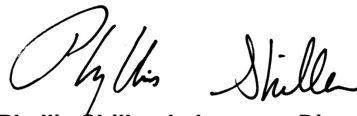
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added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

Comments:

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

June 16, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

June 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date: 06/10/21 10:00
 06/11/21 15:23

Laboratory Data

SDG ID: GCI53315
 Phoenix ID: CI53317

Project ID: 510 DRIGGS AVE BK
 Client ID: MW C

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	06/14/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	06/14/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Benzene	0.47	J 0.70	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloroform	0.42	J 5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,2-Dichloroethene	2.1	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	06/14/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	4.8	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	06/14/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	06/14/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrachloroethene	2.6	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Tetrahydrofuran (THF)	14	5.0	2.5	ug/L	1	06/14/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/14/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	06/14/21	MH	SW8260C
Trichloroethene	2.1	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	06/14/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	06/14/21	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	06/14/21	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	06/14/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	06/14/21	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.

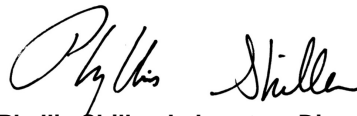
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added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

June 16, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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QA/QC Report

June 16, 2021

QA/QC Data

SDG I.D.: GCI53315

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 579540 (ug/L), QC Sample No: CI52923 (CI53315, CI53316, CI53317)										
<u>Volatiles - Ground Water</u>										
1,1,1,2-Tetrachloroethane	ND	1.0	101	97	4.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	96	93	3.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	106	106	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	100	102	2.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	92	91	1.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	91	91	0.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	99	95	4.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	123	118	4.1				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	98	95	3.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	110	110	0.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	96	93	3.2				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	112	101	10.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	101	98	3.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	105	100	4.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	103	99	4.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	96	92	4.3				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	96	95	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	100	2.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	97	94	3.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	90	4.3				70 - 130	30
2-Chlorotoluene	ND	1.0	98	94	4.2				70 - 130	30
2-Hexanone	ND	5.0	104	109	4.7				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	99	4.0				70 - 130	30
4-Chlorotoluene	ND	1.0	95	91	4.3				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	112	111	0.9				70 - 130	30
Acetone	ND	5.0	106	103	2.9				70 - 130	30
Acrolein	ND	5.0	107	103	3.8				70 - 130	30
Acrylonitrile	ND	5.0	97	92	5.3				70 - 130	30
Benzene	ND	0.70	99	95	4.1				70 - 130	30
Bromobenzene	ND	1.0	102	98	4.0				70 - 130	30
Bromochloromethane	ND	1.0	93	95	2.1				70 - 130	30
Bromodichloromethane	ND	0.50	103	98	5.0				70 - 130	30
Bromoform	ND	1.0	95	97	2.1				70 - 130	30
Bromomethane	ND	1.0	98	101	3.0				70 - 130	30
Carbon Disulfide	ND	1.0	93	90	3.3				70 - 130	30
Carbon tetrachloride	ND	1.0	114	111	2.7				70 - 130	30
Chlorobenzene	ND	1.0	97	94	3.1				70 - 130	30
Chloroethane	ND	1.0	85	82	3.6				70 - 130	30
Chloroform	ND	1.0	95	93	2.1				70 - 130	30
Chloromethane	ND	1.0	91	80	12.9				70 - 130	30

QA/QC Data

SDG I.D.: GCI53315

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
cis-1,2-Dichloroethene	ND	1.0	99	96	3.1				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	100	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	104	103	1.0				70 - 130	30
Dibromomethane	ND	1.0	103	100	3.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	87	83	4.7				70 - 130	30
Ethylbenzene	ND	1.0	97	94	3.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	107	100	6.8				70 - 130	30
Isopropylbenzene	ND	1.0	98	92	6.3				70 - 130	30
m&p-Xylene	ND	1.0	95	90	5.4				70 - 130	30
Methyl ethyl ketone	ND	5.0	106	114	7.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	101	0.0				70 - 130	30
Methylene chloride	ND	1.0	94	91	3.2				70 - 130	30
Naphthalene	ND	1.0	117	116	0.9				70 - 130	30
n-Butylbenzene	ND	1.0	99	95	4.1				70 - 130	30
n-Propylbenzene	ND	1.0	97	91	6.4				70 - 130	30
o-Xylene	ND	1.0	99	96	3.1				70 - 130	30
p-Isopropyltoluene	ND	1.0	100	95	5.1				70 - 130	30
sec-Butylbenzene	ND	1.0	108	104	3.8				70 - 130	30
Styrene	ND	1.0	101	98	3.0				70 - 130	30
tert-Butylbenzene	ND	1.0	98	93	5.2				70 - 130	30
Tetrachloroethene	ND	1.0	97	94	3.1				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	102	101	1.0				70 - 130	30
Toluene	ND	1.0	98	96	2.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	97	94	3.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	89	89	0.0				70 - 130	30
Trichloroethene	ND	1.0	100	96	4.1				70 - 130	30
Trichlorofluoromethane	ND	1.0	97	95	2.1				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	103	1.9				70 - 130	30
Vinyl chloride	ND	1.0	92	89	3.3				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	103	103	0.0				70 - 130	30
% Bromofluorobenzene	100	%	102	101	1.0				70 - 130	30
% Dibromofluoromethane	114	%	104	102	1.9				70 - 130	30
% Toluene-d8	92	%	101	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.

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
 June 16, 2021

Wednesday, June 16, 2021

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report GCI53315 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CI53315	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	5.4	1.0	5	5	ug/L
CI53315	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	5.4	1.0	5	5	ug/L
CI53315	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI53315	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI53315	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI53316	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6.6	1.0	5	5	ug/L
CI53316	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	24	1.0	5	5	ug/L
CI53316	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	6.6	1.0	5	5	ug/L
CI53316	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	24	1.0	5	5	ug/L
CI53316	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI53316	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI53316	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI53317	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI53317	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI53317	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	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



Analysis Comments

June 16, 2021

SDG I.D.: GCI53315

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

VOA Narration

CHEM17 06/14/21-2: CI53315, CI53316, CI53317

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: Bromomethane 33% (20%)

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

The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.047 (0.05), 2-Hexanone 0.053 (0.1), 4-Methyl-2-pentanone 0.068 (0.1), Acetone 0.030 (0.1), Acrolein 0.016 (0.05), Acrylonitrile 0.028 (0.05), Methyl ethyl ketone 0.035 (0.1), Tetrahydrofuran (THF) 0.020 (0.05)

The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.047 (0.05), Acetone 0.030 (0.05), Acrolein 0.016 (0.05), Acrylonitrile 0.028 (0.05), Methyl ethyl ketone 0.035 (0.05), Tetrahydrofuran (THF) 0.020 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acetone 0.033 (0.05), Acrolein 0.016 (0.05), Acrylonitrile 0.027 (0.05), Methyl ethyl ketone 0.034 (0.05), Tetrahydrofuran (THF) 0.020 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: Acetone 0.030 (0.05), Acrolein 0.016 (0.05), Acrylonitrile 0.028 (0.05), Methyl ethyl ketone 0.035 (0.05), Tetrahydrofuran (THF) 0.020 (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%.



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NY Temperature Narration

June 16, 2021

SDG I.D.: GCI53315

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

6-11-21 53315

Shannon Wilhelm

From: Kevin Brussee <kbrussee@ebcincny.com>
Sent: Friday, June 11, 2021 07:05 PM
To: Sarah Bell; Thomas Gallo
Cc: Shannon Wilhelm
Subject: Re: We running VOCs

I assume it is VOCs. Please run for VOCs.

Get Outlook for iOS

From: Sarah Bell <sarah@phoenixlabs.com>
Sent: Friday, June 11, 2021 4:24:41 PM
To: Kevin Brussee <kbrussee@ebcincny.com>; Thomas Gallo <tgallo@ebcincny.com>
Cc: Shannon Wilhelm <shannon@phoenixlabs.com>
Subject: RE: We running VOCs

Shannon Thomas will be telling us maybe log in on hold for now?

*Note: I am currently working remotely. You may call me directly at my cell number below or email Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
(C)860-558-0726
[Website: www.phoenixlabs.com](http://www.phoenixlabs.com)

From: Kevin Brussee [<mailto:kbrussee@ebcincny.com>]
Sent: Friday, June 11, 2021 3:38 PM
To: Sarah Bell; Thomas Gallo
Subject: Fwd: We running VOCs



Friday, July 16, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 510 DRIGGS AVENUE BROOKLYN
SDG ID: GCI67345
Sample ID#s: CI67345 - CI67347

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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
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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 510 DRIGGS AVENUE BROOKLYN
Laboratory Project: GCI67345



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 16, 2021

SDG I.D.: GCI67345

Environmental Business Consultants 510 DRIGGS AVENUE BROOKLYN

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 16, 2021

SDG I.D.: GCI67345

Environmental Business Consultants 510 DRIGGS AVENUE BROOKLYN

Laboratory Chronicle

The samples in this delivery group were received at 2.9°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CI67345	1,4-dioxane	07/01/21	07/04/21	07/04/21	MH	Y
CI67345	Volatiles	07/01/21	07/04/21	07/04/21	MH	Y
CI67346	1,4-dioxane	07/01/21	07/04/21	07/04/21	MH	Y
CI67346	Volatiles	07/01/21	07/04/21	07/04/21	MH	Y
CI67347	1,4-dioxane	07/01/21	07/04/21	07/04/21	MH	Y
CI67347	Volatiles	07/01/21	07/04/21	07/04/21	MH	Y



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



SDG Comments

July 16, 2021

SDG I.D.: GCI67345

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.

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



Sample Id Cross Reference

July 16, 2021

SDG I.D.: GCI67345

Project ID: 510 DRIGGS AVENUE BROOKLYN

Client Id	Lab Id	Matrix
MWA	CI67345	GROUND WATER
MWB	CI67346	GROUND WATER
MWC	CI67347	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

July 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

07/01/21

Time

15:46

Laboratory Data

SDG ID: GCI67345
 Phoenix ID: CI67345

Project ID: 510 DRIGGS AVENUE BROOKLYN
 Client ID: MWA

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	07/04/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C

Client ID: MWA

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroform	0.91	J 5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,2-Dichloroethene	0.27	J 1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	07/04/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	07/04/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	07/04/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tetrachloroethene	0.35	J 1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Trichloroethene	0.73	J 1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/04/21	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	07/04/21	MH	70 - 130 %
% Dibromofluoromethane	106			%	1	07/04/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	07/04/21	MH	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

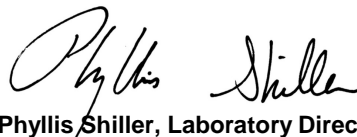
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

July 16, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

July 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

07/01/21

Time

15:46

Laboratory Data

SDG ID: GCI67345
 Phoenix ID: CI67346

Project ID: 510 DRIGGS AVENUE BROOKLYN
 Client ID: MWB

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	07/04/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C

Client ID: MWB

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroform	0.36	J 5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,2-Dichloroethene	11	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	07/04/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	0.97	J 1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	07/04/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	07/04/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tetrachloroethene	99	5.0	1.3	ug/L	5	07/06/21	MH	SW8260C
Tetrahydrofuran (THF)	13	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Trichloroethene	17	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	07/04/21	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	07/04/21	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	07/04/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	105			%	1	07/04/21	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	103			%	5	07/06/21	MH	70 - 130 %
% Bromofluorobenzene (5x)	94			%	5	07/06/21	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	07/06/21	MH	70 - 130 %
% Toluene-d8 (5x)	99			%	5	07/06/21	MH	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
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Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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.

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Phyllis Shiller, Laboratory Director

July 16, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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



Analysis Report

July 16, 2021

FOR: Attn: Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

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

Date

07/01/21

Time

15:46

Laboratory Data

SDG ID: GCI67345
 Phoenix ID: CI67347

Project ID: 510 DRIGGS AVENUE BROOKLYN
 Client ID: MWC

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	07/04/21	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C

Client ID: MWC

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloroform	0.32	J 5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,2-Dichloroethene	2.5	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	07/04/21	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Methyl t-butyl ether (MTBE)	18	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	07/04/21	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	07/04/21	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tetrachloroethene	8.0	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tetrahydrofuran (THF)	4.2	J 5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C
Trichloroethene	4.0	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	07/04/21	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	07/04/21	MH	70 - 130 %
% Dibromofluoromethane	110			%	1	07/04/21	MH	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/04/21	MH	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	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 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:

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.

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Phyllis Shiller, Laboratory Director

July 16, 2021

Reviewed and Released by: Maryam Taylor, Project Manager



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

July 16, 2021

QA/QC Data

SDG I.D.: GCI67345

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 582318 (ug/L), QC Sample No: CI66581 (CI67345, CI67346, CI67347)										
<u>Volatiles - Ground Water</u>										
1,1,1,2-Tetrachloroethane	ND	1.0	104	105	1.0	97	102	5.0	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	99	2.0	105	105	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	98	1.0	101	101	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	95	97	2.1	97	100	3.0	70 - 130	30
1,1-Dichloroethane	ND	1.0	99	97	2.0	104	105	1.0	70 - 130	30
1,1-Dichloroethene	ND	1.0	97	93	4.2	103	104	1.0	70 - 130	30
1,1-Dichloropropene	ND	1.0	95	93	2.1	102	101	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	102	106	3.8	104	105	1.0	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	91	94	3.2	90	93	3.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	100	103	3.0	99	101	2.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	95	94	1.1	97	96	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	104	106	1.9	83	91	9.2	70 - 130	30
1,2-Dibromoethane	ND	1.0	99	98	1.0	95	99	4.1	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	96	97	1.0	98	100	2.0	70 - 130	30
1,2-Dichloroethane	ND	1.0	95	97	2.1	97	101	4.0	70 - 130	30
1,2-Dichloropropane	ND	1.0	100	98	2.0	95	101	6.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	94	94	0.0	98	96	2.1	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	93	93	0.0	94	95	1.1	70 - 130	30
1,3-Dichloropropane	ND	1.0	97	96	1.0	94	97	3.1	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	96	96	0.0	98	98	0.0	70 - 130	30
1,4-dioxane	ND	100	106	133	22.6	131	128	2.3	70 - 130	30
2,2-Dichloropropane	ND	1.0	104	100	3.9	71	75	5.5	70 - 130	30
2-Chlorotoluene	ND	1.0	97	94	3.1	97	97	0.0	70 - 130	30
2-Hexanone	ND	5.0	100	101	1.0	97	101	4.0	70 - 130	30
2-Isopropyltoluene	ND	1.0	104	103	1.0	108	107	0.9	70 - 130	30
4-Chlorotoluene	ND	1.0	93	93	0.0	97	96	1.0	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	101	100	1.0	97	101	4.0	70 - 130	30
Acetone	ND	5.0	102	103	1.0	123	117	5.0	70 - 130	30
Acrolein	ND	5.0	105	106	0.9	96	94	2.1	70 - 130	30
Acrylonitrile	ND	5.0	97	99	2.0	92	105	13.2	70 - 130	30
Benzene	ND	0.70	97	95	2.1	99	100	1.0	70 - 130	30
Bromobenzene	ND	1.0	100	98	2.0	99	100	1.0	70 - 130	30
Bromochloromethane	ND	1.0	94	94	0.0	95	96	1.0	70 - 130	30
Bromodichloromethane	ND	0.50	97	97	0.0	94	99	5.2	70 - 130	30
Bromoform	ND	1.0	99	98	1.0	86	92	6.7	70 - 130	30
Bromomethane	ND	1.0	131	127	3.1	61	87	35.1	70 - 130	30
Carbon Disulfide	ND	1.0	110	107	2.8	114	115	0.9	70 - 130	30
Carbon tetrachloride	ND	1.0	105	100	4.9	101	105	3.9	70 - 130	30
Chlorobenzene	ND	1.0	98	97	1.0	100	101	1.0	70 - 130	30
Chloroethane	ND	1.0	119	119	0.0	123	121	1.6	70 - 130	30
Chloroform	ND	1.0	94	93	1.1	98	100	2.0	70 - 130	30

I,m

I,m,r

QA/QC Data

SDG I.D.: GCI67345

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
Chloromethane	ND	1.0	130	130	0.0	100	102	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	99	97	2.0	100	103	3.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	100	101	1.0	92	97	5.3	70 - 130	30	
Dibromochloromethane	ND	0.50	104	103	1.0	97	101	4.0	70 - 130	30	
Dibromomethane	ND	1.0	94	94	0.0	91	96	5.3	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	164	158	3.7	121	120	0.8	70 - 130	30	l
Ethylbenzene	ND	1.0	99	98	1.0	101	101	0.0	70 - 130	30	
Hexachlorobutadiene	ND	0.40	104	101	2.9	94	96	2.1	70 - 130	30	
Isopropylbenzene	ND	1.0	96	96	0.0	100	99	1.0	70 - 130	30	
m&p-Xylene	ND	1.0	94	92	2.2	96	97	1.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	101	103	2.0	110	115	4.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	113	1.8	111	114	2.7	70 - 130	30	
Methylene chloride	ND	1.0	91	89	2.2	92	94	2.2	70 - 130	30	
Naphthalene	ND	1.0	100	103	3.0	99	107	7.8	70 - 130	30	
n-Butylbenzene	ND	1.0	93	94	1.1	97	95	2.1	70 - 130	30	
n-Propylbenzene	ND	1.0	94	94	0.0	99	96	3.1	70 - 130	30	
o-Xylene	ND	1.0	97	96	1.0	96	97	1.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	94	97	3.1	99	98	1.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	102	104	1.9	108	107	0.9	70 - 130	30	
Styrene	ND	1.0	97	96	1.0	96	98	2.1	70 - 130	30	
tert-butyl alcohol	ND	10	110	112	1.8	75	78	3.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	94	94	0.0	97	96	1.0	70 - 130	30	
Tetrachloroethene	ND	1.0	96	93	3.2	99	99	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	90	94	4.3	103	105	1.9	70 - 130	30	
Toluene	ND	1.0	99	97	2.0	101	102	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	105	101	3.9	108	109	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	100	101	1.0	84	88	4.7	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	112	115	2.6	68	75	9.8	70 - 130	30	m
Trichloroethene	ND	1.0	98	97	1.0	102	100	2.0	70 - 130	30	
Trichlorofluoromethane	ND	1.0	126	120	4.9	134	134	0.0	70 - 130	30	m
Trichlorotrifluoroethane	ND	1.0	106	104	1.9	118	117	0.9	70 - 130	30	
Vinyl chloride	ND	1.0	131	126	3.9	118	119	0.8	70 - 130	30	l
% 1,2-dichlorobenzene-d4	95	%	100	102	2.0	100	103	3.0	70 - 130	30	
% Bromofluorobenzene	100	%	101	103	2.0	101	104	2.9	70 - 130	30	
% Dibromofluoromethane	109	%	101	106	4.8	102	104	1.9	70 - 130	30	
% Toluene-d8	94	%	102	102	0.0	103	103	0.0	70 - 130	30	

QA/QC Batch 582515 (ug/L), QC Sample No: CI67031 (CI67346 (5X))

Volatiles - Ground Water

Tetrachloroethene	ND	1.0	92	97	5.3				70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0				70 - 130	30	
% Bromofluorobenzene	93	%	108	106	1.9				70 - 130	30	
% Dibromofluoromethane	106	%	105	106	0.9				70 - 130	30	
% Toluene-d8	99	%	100	100	0.0				70 - 130	30	

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

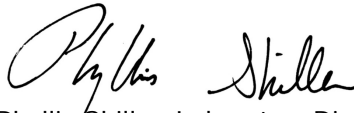
QA/QC Data

SDG I.D.: GCI67345

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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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
July 16, 2021

Friday, July 16, 2021

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCI67345 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CI67345	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI67345	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI67345	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI67346	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	99	5.0	5	5	ug/L
CI67346	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	17	1.0	5	5	ug/L
CI67346	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI67346	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI67346	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI67346	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	99	5.0	5	5	ug/L
CI67346	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
CI67346	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CI67347	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	8.0	1.0	5	5	ug/L
CI67347	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	8.0	1.0	5	5	ug/L
CI67347	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI67347	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI67347	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	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.



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NY Temperature Narration

July 16, 2021

SDG I.D.: GCI67345

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

