



NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.

1476 ROUTE 50 - P.O. Box 2167 BALLSTON SPA, NY 12020
Phone: (518) 884-8545 - Fax: (518) 884-9710

April 18, 2019

NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 4
Attn.: Mr. Drew Hoffert Engineer Trainee
1130 N. Westcott Rd.
Schenectady, NY 12306-2014

VIA EMAIL: drew.hoffert@dec.ny.gov

RE: NYSDEC SPILL NO. 01-04315 HAVILL AUTO BODY CENTER ALBANY COUNTY

Dear Drew,

The supplemental site investigation (SI) laboratory results for the Havill's Automotive Collision Repair facility (hereinafter termed the Property) are provided to respond to your [email] directives of April 9, 2019. The additional laboratory testing work has been completed in accordance with the methods approved by the NYS Department of Environmental Conservation (Department) as outlined in Northeastern Environmental Technologies Corp. (NETC) work plan dated March 19, 2019 (Revised March 29, 2019) and subsequent verbal authorization received from your office on April 10, 2019. A more detailed accounting of the services proposed are listed below for your review and consideration.

FINDINGS

SUB SLAB VAPOR RESULTS

Phoenix Environmental Laboratories (PEL) has reported the sub slab vapor sample (i.e., SS-1) collected on March 27, 2019 from the auto repair garage contains low concentration non chlorinated volatile organic compounds (VOC) and chlorinated VOC. Chlorinated VOC regulated under the New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation's (NYSDOH CEH BEEI) guidance document entitled *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (hereinafter termed SVI guidance document) identified during the sampling event were limited to Tetrachloroethene (PCE), Trichloroethene (TCE), Vinyl Chloride (VC) and Carbon Tetrachloride. The laboratory results confirm sub-slab vapor detections of PCE, TCE, VC and Carbon Tetrachloride exist below the auto repair garage at concentration below the NYSDOH CEH BEEI SVI guidance document "No Further Action" thresholds listed in Air Matrix tables A, B & C. A summary table of the TO-15 laboratory results, as well as a copy of the PEL report are included in **Attachment A** for consideration.

SOIL QUALITY RESULTS

PEL has reported soil sample HA-3/S-3A; collected on March 27, 2019 at a depth of 10 - 12 ft at soil boring HA-3, to be unaffected by the chlorinated VOC compounds inherent to EPA Method 8260. Detection's of the non chlorinated VOC 1,2,4-Trimethylbenzene (1600 ppb), 1,3,5-Trimethylbenzene (470 ppb), Benzene (4700 ppb), Ethylbenzene (560 ppb), Isopropylbenzene (43 ppb), MTBE (5800 ppb), Naphthalene (450 ppb), o-Xylene (1300 ppb), Toluene (990 ppb) and total xylene (4800 ppb) were reported at concentrations below the Departments "commercial use" soil cleanup objectives. A summary table of the soil quality results, as well as a copy of the PEL report are included in **Attachment B**.

GROUNDWATER QUALITY RESULTS

PEL has reported the groundwater samples collected on April 2, 2019 at monitoring wells HA-2 and HA-4 to be unaffected by the chlorinated and non chlorinated VOC compounds of concern inherent to EPA Method 8260. PEL has reported a low detection of Chloromethane in the groundwater sample collected from monitoring well HA-5 on April 2, 2019, only. The detection of Chloromethane in the HA-5 sample (i.e., 1.1 parts per billion - ppb) is below the Departments 5 ppb groundwater quality standard.

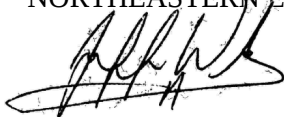
PEL has reported detection of chlorinated VOC 1,1,1-Trichloroethane (130 ppb), 1,1-Dichloroethane (23 ppb), 1,1-Dichloroethene (66 ppb) 1,2-Dichloroethane (92 ppb), and the VOC 1,2,4-Trimethylbenzene (910 ppb), 1,3,5-Trimethylbenzene (210 ppb), 4-Methyl-2-pentanone (65 ppb), Benzene (7500 ppb), Ethylbenzene (430 ppb), Isopropylbenzene (43 ppb), MTBE (6500 ppb), Naphthalene (170 ppb), n-Propylbenzene (90 ppb), o-Xylene (470 ppb), Toluene (330 ppb) and total xylene (2500 ppb) in the groundwater sample collected at monitoring well HA-3 on April 2, 2019. A summary table of the groundwater quality results as well as a copy of the PEL report are included in **Attachment B**.

DISCUSSION

The supplemental laboratory results demonstrate sub-slab vapor detections of chlorinated VOC exist at concentrations below the NYSDOH CEH BEEI SVI guidance document "*No Further Action*" thresholds. The supplemental laboratory results also demonstrate presence of chlorinated and non chlorinated impacts that have been identified in soil and groundwater samples obtained from the southwest portion of the Property are not a result of contaminant migration from the area of the Property occupied by the Havill's Automotive Collision Repair garage.

Given the favorable outcome of the SI work, on or before April 26, 2019 we would like to confirm that the additional data programmatically addresses all prior regulatory directives issued by Department for the Site and Spill No. 01-04315. The NETC staff and I remain available to assist the NYSDEC with its review of this matter, as necessary.

Sincerely,
NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORPORATION



Jeffrey T. Wink
President

**Note: Laboratory holding times for indoor air and out door control TO-15 samples collected during the SI expire on April 27, 2019.*

NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 4
Attn.: Mr. Drew Hoffert Engineer Trainee
April 16, 2019
Page 3 of 5

ATTACHMENT A

Northeastern Environmental Technologies Corp.					
1476 Saratoga Rd.			Lab Sample Id	CC77930	
P.O. Box 2167			Collection Date	3/27/2019	
Ballston Spa, New York 12020			Client Id	SS	
(518) 884-8545			Matrix	Air	
Project Id : 694 DELAWARE AVE					
	CAS	Units	Result	RL	
Volatiles (TO15) By TO15					
1,1,1,2-Tetrachloroethane	610-20-6	ppbv	< 0.146	0.146	
1,1,1-Trichloroethane	71-55-6	ppbv	< 0.183	0.183	
1,1,2,2-Tetrachloroethane	79-34-5	ppbv	< 0.146	0.146	
1,1,2-Trichloroethane	79-00-5	ppbv	< 0.183	0.183	
1,1-Dichloroethane	75-34-3	ppbv	< 0.247	0.247	
1,1-Dichloroethene	75-35-4	ppbv	< 0.051	0.051	
1,2,4-Trichlorobenzene	120-82-1	ppbv	< 0.135	0.135	
1,2,4-Trimethylbenzene	95-63-6	ppbv	1.54	0.204	
1,2-Dibromoethane(EDB)	106-93-4	ppbv	< 0.130	0.130	
1,2-Dichlorobenzene	95-50-1	ppbv	< 0.166	0.166	
1,2-Dichloroethane	107-06-2	ppbv	< 0.247	0.247	
1,2-dichloropropane	78-87-5	ppbv	< 0.217	0.217	
1,2-Dichlorotetrafluoroethane	76-14-2	ppbv	< 0.143	0.143	
1,3,5-Trimethylbenzene	108-67-8	ppbv	0.407	0.204	
1,3-Butadiene	106-99-0	ppbv	< 0.452	0.452	
1,3-Dichlorobenzene	541-73-1	ppbv	< 0.166	0.166	
1,4-Dichlorobenzene	106-46-7	ppbv	< 0.166	0.166	
1,4-Dioxane	123-91-1	ppbv	< 0.278	0.278	
2-Hexanone(MBK)	591-78-6	ppbv	< 0.244	0.244	
4-Ethyltoluene	622-96-8	ppbv	0.26	0.204	
4-Isopropyltoluene	99-87-6	ppbv	< 0.182	0.182	
4-Methyl-2-pentanone(MIBK)	108-10-1	ppbv	4.06	0.244	
Acetone	67-64-1	ppbv	265	2.11	
Acrylonitrile	107-13-1	ppbv	< 0.461	0.461	
Benzene	71-43-2	ppbv	2.19	0.313	
Benzyl chloride	100-44-7	ppbv	< 0.193	0.193	
Bromodichloromethane	75-27-4	ppbv	< 0.149	0.149	
Bromoform	75-25-2	ppbv	< 0.097	0.097	
Bromomethane	74-83-9	ppbv	< 0.258	0.258	
Carbon Disulfide	75-15-0	ppbv	10	0.321	
Carbon Tetrachloride	56-23-5	ppbv	0.044	0.032	
Chlorobenzene	108-90-7	ppbv	< 0.217	0.217	
Chloroethane	75-00-3	ppbv	< 0.379	0.379	
Chloroform	67-66-3	ppbv	< 0.205	0.205	
Chloromethane	74-87-3	ppbv	< 0.485	0.485	
cis-1,2-Dichloroethene	156-59-2	ppbv	< 0.051	0.051	
cis-1,3-Dichloropropene	10061-01-5	ppbv	< 0.221	0.221	
Cyclohexane	110-82-7	ppbv	1.02	0.291	
Dibromochloromethane	124-48-1	ppbv	< 0.118	0.118	
Dichlorodifluoromethane	75-71-8	ppbv	0.761	0.202	
Ethanol	64-17-5	ppbv	257	2.66	
Ethyl acetate	141-78-6	ppbv	< 0.278	0.278	
Ethylbenzene	100-41-4	ppbv	2.67	0.230	
Heptane	142-82-5	ppbv	2.6	0.244	
Hexachlorobutadiene	87-68-3	ppbv	< 0.094	0.094	
Hexane	110-54-3	ppbv	1.11	0.284	
Isopropylalcohol	67-63-0	ppbv	39.9	0.407	
Isopropylbenzene	98-82-8	ppbv	< 0.204	0.204	
m,p-Xylene	179601-23-1	ppbv	7.15	0.234	
Methyl Ethyl ketone	78-93-3	ppbv	32.1	0.359	
Methyl tert-butyl ether(MTBE)	1634-04-4	ppbv	< 0.278	0.278	
Methylene Chloride	75-09-2	ppbv	< 0.864	0.864	
n-Butylbenzene	104-51-8	ppbv	0.541	0.182	
o-Xylene	95-47-6	ppbv	2.07	0.238	
Propylene	115-07-1	ppbv	< 0.581	0.581	
sec-Butylbenzene	135-98-8	ppbv	< 0.182	0.182	
Styrene	100-42-5	ppbv	0.45	0.235	
Tetrachloroethene	127-18-4	ppbv	2.18	0.037	
Tetrahydrofuran	109-99-9	ppbv	5.92	0.339	
Toluene	108-88-3	ppbv	51.9	1.33	
Trans-1,2-Dichloroethene	156-60-5	ppbv	< 0.252	0.252	
trans-1,3-Dichloropropene	10061-02-6	ppbv	< 0.221	0.221	
Trichloroethene	79-01-6	ppbv	0.304	0.037	
Trichlorofluoromethane	75-69-4	ppbv	0.288	0.178	
Trichlorotrifluoroethane	76-13-1	ppbv	< 0.131	0.131	
Vinyl Chloride	75-01-4	ppbv	0.133	0.078	
1,1,1,2-Tetrachloroethane	610-20-6	ug/m3	< 1.00	1.00	
1,1,1-Trichloroethane	71-55-6	ug/m3	< 1.00	1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	
1,1-Dichloroethene	75-35-4	ug/m3	< 0.20	0.20	
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	
1,2,4-Trimethylbenzene	95-63-6	ug/m3	7.57	1.00	
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	
1,1,5-Trimethylbenzene	108-67-8	ug/m3	2	1.00	
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	
4-Ethyltoluene	622-96-8	ug/m3	1.28	1.00	
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00	1.00	
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	16.6	1.00	
Acetone	67-64-1	ug/m3	629	5.01	
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	
Benzene	71-43-2	ug/m3	6.99	1.00	
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	
Bromoform	75-25-2	ug/m3	< 1.00	1.00	
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	
Carbon Disulfide	75-15-0	ug/m3	31.1	1.00	
Carbon Tetrachloride	56-23-5	ug/m3	0.28	0.20	
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	
Chloroform	67-66-3	ug/m3	< 1.00	1.00	
Chloromethane	74-87-3	ug/m3	< 1.00	1.00	
cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	0.20	
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	
Cyclohexane	110-82-7	ug/m3	3.51	1.00	
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	
Dichlorodifluoromethane	75-71-8	ug/m3	3.76	1.00	
Ethanol	64-17-5	ug/m3	484	5.01	
Ethyl acetate	141-78-6	ug/m3	< 1.00	1.00	
Ethylbenzene	100-41-4	ug/m3	11.6	1.00	
Heptane	142-82-5	ug/m3	30.6	1.00	
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	
Hexane	110-54-3	ug/m3	3.91	1.00	
Isopropylalcohol	67-63-0	ug/m3	98	1.00	
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	
m,p-Xylene	179601-23-1	ug/m3	31	1.00	
Methyl Ethyl ketone	78-93-3	ug/m3	94.6	1.00	
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	
Methylene Chloride	75-09-2	ug/m3	< 3.00	3.00	
n-Butylbenzene	104-51-8	ug/m3	2.97	1.00	
o-Xylene	95-47-6	ug/m3	8.98	1.00	
Propylene	115-07-1	ug/m3	< 1.00	1.00	
sec-Butylbenzene	135-98-8	ug/m3	< 1.00	1.00	
Styrene	100-42-5	ug/m3	1.92	1.00	
Tetrachloroethene	127-18-4	ug/m3	16.1	0.25	
Tetrahydrofuran	109-99-9	ug/m3	17.4	1.00	
Toluene	108-88-3	ug/m3	195	5.01	
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	
Trichloroethene	79-01-6	ug/m3	0.56	0.20	
Trichlorofluoromethane	75-69-4	ug/m3	1.62	1.00	
Trichlorotrifluoroethane	76-13-1	ug/m3	< 1.00	1.00	
Vinyl Chloride	75-01-4	ug/m3	0.34	0.20	

Result Detected



Friday, April 12, 2019

Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Project ID: 694 DELAWARE AVE
SDG ID: GCC77929
Sample ID#s: CC77930

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

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

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

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

Sincerely yours,

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

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
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



PROJECT NARRATIVE

Client: NETC
Project: 694 DELAWARE AVE
Laboratory Project: GCC77929



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



Project Narrative

April 12, 2019

SDG I.D.: GCC77929

NETC 694 DELAWARE AVE

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.



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



Project Narrative

April 12, 2019

SDG I.D.: GCC77929

NETC 694 DELAWARE AVE

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CC77929	On Hold	03/27/19	03/29/19	03/29/19		Y
CC77930	Volatiles (TO15)	03/27/19	03/29/19	03/29/19	KCA	Y
CC77931	On Hold	03/27/19	03/29/19	03/29/19		Y



Environmental Laboratories, Inc.
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Sample Id Cross Reference

April 12, 2019

SDG I.D.: GCC77929

Project ID: 694 DELAWARE AVE

Client Id	Lab Id	Matrix
SS	CC77930	AIR



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 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: AIR
Location Code: NETC
Rush Request: 72 Hour
P.O.#: 19.0102014
Canister Id: 19634

Custody Information

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

Date

03/27/19 8:23
03/29/19 16:24

Time

Laboratory Data

SDG ID: GCC77929
Phoenix ID: CC77930

Project ID: 694 DELAWARE AVE
Client ID: SS

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/30/19	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	03/30/19	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/30/19	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/30/19	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	03/30/19	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	03/30/19	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/30/19	KCA	1
1,2,4-Trimethylbenzene	1.54	0.204	7.57	1.00	03/30/19	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/30/19	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/30/19	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	03/30/19	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	03/30/19	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/30/19	KCA	1
1,3,5-Trimethylbenzene	0.407	0.204	2.00	1.00	03/30/19	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	03/30/19	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	03/30/19	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/30/19	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	03/30/19	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/30/19	KCA	1
4-Ethyltoluene	0.260	0.204	1.28	1.00	03/30/19	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	03/30/19	KCA	1
4-Methyl-2-pentanone(MIBK)	4.06	0.244	16.6	1.00	03/30/19	KCA	1
Acetone	265	E 2.11	629	5.01	03/29/19	KCA	5
Acrylonitrile	ND	0.461	ND	1.00	03/30/19	KCA	1
Benzene	2.19	0.313	6.99	1.00	03/30/19	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	03/30/19	KCA	1

Client ID: SS

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.149	ND	1.00	03/30/19	KCA	1	
Bromoform	ND	0.097	ND	1.00	03/30/19	KCA	1	
Bromomethane	ND	0.258	ND	1.00	03/30/19	KCA	1	
Carbon Disulfide	10.0	0.321	31.1	1.00	03/30/19	KCA	1	
Carbon Tetrachloride	0.044	0.032	0.28	0.20	03/30/19	KCA	1	
Chlorobenzene	ND	0.217	ND	1.00	03/30/19	KCA	1	
Chloroethane	ND	0.379	ND	1.00	03/30/19	KCA	1	
Chloroform	ND	0.205	ND	1.00	03/30/19	KCA	1	
Chloromethane	ND	0.485	ND	1.00	03/30/19	KCA	1	
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	03/30/19	KCA	1	
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	03/30/19	KCA	1	
Cyclohexane	1.02	0.291	3.51	1.00	03/30/19	KCA	1	
Dibromochloromethane	ND	0.118	ND	1.00	03/30/19	KCA	1	
Dichlorodifluoromethane	0.761	0.202	3.76	1.00	03/30/19	KCA	1	
Ethanol	257	E 2.66	484	5.01	03/29/19	KCA	5	1
Ethyl acetate	ND	0.278	ND	1.00	03/30/19	KCA	1	1
Ethylbenzene	2.67	0.230	11.6	1.00	03/30/19	KCA	1	
Heptane	2.60	0.244	10.6	1.00	03/30/19	KCA	1	
Hexachlorobutadiene	ND	0.094	ND	1.00	03/30/19	KCA	1	
Hexane	1.11	0.284	3.91	1.00	03/30/19	KCA	1	
Isopropylalcohol	39.9	0.407	98.0	1.00	03/30/19	KCA	1	
Isopropylbenzene	ND	0.204	ND	1.00	03/30/19	KCA	1	
m,p-Xylene	7.15	0.230	31.0	1.00	03/30/19	KCA	1	
Methyl Ethyl Ketone	32.1	0.339	94.6	1.00	03/30/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/30/19	KCA	1	
Methylene Chloride	ND	0.864	ND	3.00	03/30/19	KCA	1	
n-Butylbenzene	0.541	0.182	2.97	1.00	03/30/19	KCA	1	1
o-Xylene	2.07	0.230	8.98	1.00	03/30/19	KCA	1	
Propylene	ND	0.581	ND	1.00	03/30/19	KCA	1	1
sec-Butylbenzene	ND	0.182	ND	1.00	03/30/19	KCA	1	1
Styrene	0.450	0.235	1.92	1.00	03/30/19	KCA	1	
Tetrachloroethene	2.38	0.037	16.1	0.25	03/30/19	KCA	1	
Tetrahydrofuran	5.92	0.339	17.4	1.00	03/30/19	KCA	1	1
Toluene	51.9	1.33	195	5.01	03/29/19	KCA	5	
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	03/30/19	KCA	1	
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	03/30/19	KCA	1	
Trichloroethene	0.104	0.037	0.56	0.20	03/30/19	KCA	1	
Trichlorofluoromethane	0.288	0.178	1.62	1.00	03/30/19	KCA	1	
Trichlorotrifluoroethane	ND	0.131	ND	1.00	03/30/19	KCA	1	
Vinyl Chloride	0.133	0.078	0.34	0.20	03/30/19	KCA	1	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene	94	%	94	%	03/30/19	KCA	1	
% IS-1,4-Difluorobenzene	87	%	87	%	03/30/19	KCA	1	
% IS-Bromochloromethane	66	%	66	%	03/30/19	KCA	1	
% IS-Chlorobenzene-d5	102	%	102	%	03/30/19	KCA	1	
% Bromofluorobenzene (5x)	100	%	100	%	03/29/19	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	03/29/19	KCA	5	
% IS-Bromochloromethane (5x)	96	%	96	%	03/29/19	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	03/29/19	KCA	5	

Client ID: SS

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
-----------	----------------	------------	-----------------	-------------	-----------	----	----------

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

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 12, 2019

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



Canister Sampling Information

April 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Location Code: NETC

SDG I.D.: GCC77929

Project ID: 694 DELAWARE AVE

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SS	CC77930	19634	6.0L	5389	03/19/19	-30	-3	3.6	3.6	0.0	-30	-5	03/27/19 10:58	03/28/19 8:23



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 12, 2019

QA/QC Data

SDG I.D.: GCC77929

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 472647 (ppbv), QC Sample No: CC76562 (CC77930 (1X, 5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.500	ND	2.73	101	7.63	7.47	1.40	1.37	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.14	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.020	ND	0.11	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.150	ND	0.61	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	122	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.020	ND	0.15	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.100	ND	0.60	112	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.020	ND	0.08	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.020	ND	0.09	105	ND	0.23	ND	0.049	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.500	ND	1.11	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.100	ND	0.60	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.080	ND	0.48	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.130	ND	0.47	107	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.500	ND	2.05	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.500	ND	2.46	111	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.500	ND	2.74	108	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	112	39.3	39.8	9.6	9.73	1.3	70 - 130	25
Acetone	ND	0.750	ND	1.78	96	385	382	162	161	0.6	70 - 130	25
Acrylonitrile	ND	0.500	ND	1.08	79	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	103	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.500	ND	2.59	103	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.020	ND	0.13	107	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.150	ND	1.55	109	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.140	ND	0.54	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	99	1.99	1.94	0.640	0.624	NC	70 - 130	25
Carbon Tetrachloride	ND	0.086	ND	0.54	102	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.500	ND	1.72	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.020	ND	0.17	110	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	105	588	573	119	116	2.6	70 - 130	25
Ethanol	ND	0.750	ND	1.41	113	256 E	252	136 E	134	1.5	70 - 130	25

QA/QC Data

SDG I.D.: GCC77929

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.500	ND	1.80	102	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.500	ND	2.17	107	2.92	2.97	0.673	0.684	NC	70 - 130	25
Heptane	ND	0.500	ND	2.05	106	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.020	ND	0.21	133	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.450	ND	1.59	106	1.70	1.71	0.482	0.485	NC	70 - 130	25
Isopropylalcohol	ND	0.750	ND	1.84	93	99.5 E	93.6	40.5 E	38.1	6.1	70 - 130	25
Isopropylbenzene	ND	0.500	ND	2.46	104	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	1.00	ND	4.34	110	13.4	13.5	3.09	3.12	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.450	ND	1.33	104	8.61	8.46	2.92	2.87	1.7	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	103	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	3.00	ND	10.4	100	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.500	ND	2.74	98	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.500	ND	2.17	106	8.59	8.72	1.98	2.01	NC	70 - 130	25
Propylene	ND	0.500	ND	0.86	102	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.500	ND	2.74	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	102	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.100	ND	0.68	107	2.41	2.47	0.355	0.364	NC	70 - 130	25
Tetrahydrofuran	ND	0.500	ND	1.47	103	4.33	4.24	1.47	1.44	NC	70 - 130	25
Toluene	ND	0.500	ND	1.88	107	3.53	3.40	0.936	0.902	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	107	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.050	ND	0.27	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.500	ND	2.81	100	19.5	19.1	3.47	3.41	1.7	70 - 130	25
Trichlorotrifluoroethane	ND	0.500	ND	3.83	100	5.70	5.68	0.744	0.741	NC	70 - 130	25
Vinyl Chloride	ND	0.100	ND	0.26	103	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	99	102	103	102	103	NC	70 - 130	25
% IS-1,4-Difluorobenzene	98	%	98	%	97	90	89	90	89	NC	40 - 160	25
% IS-Bromochloromethane	103	%	103	%	99	94	95	94	95	NC	40 - 160	25
% IS-Chlorobenzene-d5	98	%	98	%	103	92	90	92	90	NC	40 - 160	25

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

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 12, 2019

Friday, April 12, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC77929 - NETC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** No Data to Display ***

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



Project Narrative

April 12, 2019

SDG I.D.: GCC77929

AIRSIM

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

CHEM20 03/28/19-1

Keith Aloisa, Chemist 03/28/19

CC77930

Initial Calibration Evaluation (CHEM20/20_AIR_0328):

100% of target compounds met criteria.

The following compounds had %RSDs >30%: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification #1 (CHEM20/0328_19-20_AIR_0328):

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 472647 (CC76562)

CC77930

All LCS recoveries were within 70 - 130 with the following exceptions: Hexachlorobutadiene(133%)

NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 4
Attn.: Mr. Drew Hoffert Engineer Trainee
April 16, 2019
Page 4 of 5

ATTACHMENT B

Northeastern Environmental Technologies Corp.

1476 Saratoga Rd.

P.O. Box 2167

Malta, New York, 12020

(518) 884-8545

PEL Lab Sample Id

Collection Date

Client Id

Matrix

SDG: GCCT7924

Project: 694 DELAWARE AVENUE, ALBANY NEW YORK

CAS

Units

NY

375 Res Unrestricted

NY

375 Commercial

CC77924

03/27/2019

HA-3/ 5-5A

SOIL

CC77926

03/27/2019

HA-3/ 5-3A

SOIL

Result

RL

Result

RL

Miscellaneous/Inorganics

Non Target Volatile Compounds

Percent Solid

PHNIX - NONTARGETCOMP

PHNIX - PCTSOLID

%

Absent

79

72

1,4-dioxane - SW8260C

1,4-dioxane

123-91-1

ug/kg

100

130000

< 88

88

Volatiles (TCL) - SW8260C

1,1,1-Trichloroethane

71-55-6

ug/kg

680

500000

< 5.9

5.9

1,1,2,2-Tetrachloroethane

79-34-5

ug/kg

< 5.9

5.9

1,1,2-Trichloroethane

79-60-5

ug/kg

< 5.9

5.9

1,1-Dichloroethane

75-34-3

ug/kg

270

240000

< 5.9

5.9

1,1-Dichloroethene

75-35-4

ug/kg

330

500000

< 5.9

5.9

1,2,3-Trichlorobenzene

87-61-6

ug/kg

< 5.9

5.9

1,2,4-Trichlorobenzene

120-82-1

ug/kg

< 5.9

5.9

1,2-Dibromo-3-chloropropane

96-12-8

ug/kg

< 5.9

5.9

1,2-Dibromoethane

106-93-4

ug/kg

< 5.9

5.9

1,2-Dichlorobenzene

95-50-1

ug/kg

1100

500000

< 5.9

5.9

1,2-Dichloroethane

107-06-2

ug/kg

20

30000

< 5.9

5.9

1,2-Dichloropropane

78-87-5

ug/kg

< 5.9

5.9

1,3-Dichlorobenzene

541-73-1

ug/kg

2400

280000

< 5.9

5.9

1,4-Dichlorobenzene

106-46-7

ug/kg

1800

130000

< 5.9

5.9

2-Hexanone

591-78-6

ug/kg

< 29

29

4-Methyl-2-pentanone

108-10-1

ug/kg

< 29

29

Acetone

67-64-1

ug/kg

50

500000

< 59

59

Benzene

71-43-2

ug/kg

60

44000

< 5.9

5.9

Bromochloromethane

74-97-5

ug/kg

< 5.9

5.9

Bromodichloromethane

75-27-4

ug/kg

< 5.9

5.9

Bromoforn

75-25-2

ug/kg

< 5.9

5.9

Bromomethane

74-83-9

ug/kg

< 5.9

5.9

Carbon Disulfide

75-15-0

ug/kg

< 5.9

5.9

Carbon tetrachloride

56-23-5

ug/kg

760

22000

< 5.9

5.9

Chlorobenzene

108-90-7

ug/kg

1100

500000

< 5.9

5.9

Chloroethane

75-00-3

ug/kg

< 5.9

5.9

Chloroform

67-66-3

ug/kg

370

350000

< 5.9

5.9

Chloromethane

74-87-3

ug/kg

< 5.9

5.9

cis-1,2-Dichloroethene

156-59-2

ug/kg

250

500000

< 5.9

5.9

cis-1,3-Dichloropropene

10061-01-5

ug/kg

< 5.9

5.9

Cyclohexane

110-82-7

ug/kg

< 5.9

5.9

Dibromochloromethane

124-48-1

ug/kg

< 5.9

5.9

Dichlorodifluoromethane

75-71-8

ug/kg

< 5.9

5.9

Ethylbenzene

100-41-4

ug/kg

1000

390000

< 5.9

5.9

Isopropylbenzene

98-82-8

ug/kg

< 5.9

5.9

m,p-Xylene

179501-23-1

ug/kg

< 490

490

Methyl ethyl ketone

78-93-3

ug/kg

120

500000

< 35

35

Methyl t-butyl ether (MTBE)

1634-04-4

ug/kg

930

500000

< 12

12

Methylacetate

79-20-9

ug/kg

< 4.7

4.7

Methylcyclohexane

108-87-2

ug/kg

< 5.9

5.9

Methylene chloride

75-09-2

ug/kg

50

500000

< 29

29

o-Xylene

95-47-6

ug/kg

< 5.9

5.9

Styrene

100-42-5

ug/kg

< 5.9

5.9

Tetrachloroethene

127-18-4

ug/kg

1300

150000

< 5.9

5.9

Toluene

108-88-3

ug/kg

700

500000

< 5.9

5.9

Total Xylenes

1330-20-7

ug/kg

260

< 5.9

5.9

trans-1,2-Dichloroethene

156-60-5

ug/kg

190

500000



Thursday, April 11, 2019

Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Project ID: 694 DELAWARE AVENUE, ALBANY NEW YORK
SDG ID: GCC77924
Sample ID#s: CC77924, CC77926

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

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

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

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

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, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
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



PROJECT NARRATIVE

Client: NETC

Project: 694 DELAWARE AVENUE, ALBANY NEW YORK

Laboratory Project: GCC77924



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



Project Narrative

April 11, 2019

SDG I.D.: GCC77924

NETC 694 DELAWARE AVENUE, ALBANY NEW YORK

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



Project Narrative

April 11, 2019

SDG I.D.: GCC77924

NETC 694 DELAWARE AVENUE, ALBANY NEW YORK

Laboratory Chronicle

The samples in this delivery group were received at 1.3°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CC77924	1,4-dioxane	03/27/19	03/29/19	03/29/19	JLI	Y
CC77924	Percent Solid	03/27/19	03/29/19	03/29/19	DA	Y
CC77924	Volatiles (TCL)	03/27/19	03/29/19	03/29/19	JLI	Y
CC77925	On Hold	03/27/19	03/29/19	03/29/19		Y
CC77926	On Hold	03/27/19	03/29/19	03/29/19		Y
CC77927	On Hold	03/27/19	03/29/19	03/29/19		Y
CC77928	On Hold	03/27/19	03/29/19	03/29/19		Y



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

April 11, 2019

SDG I.D.: GCC77924

Project ID: 694 DELAWARE AVENUE, ALBANY NEW YORK

Client Id	Lab Id	Matrix
HA-1/ S-5A	CC77924	SOIL
HA-3/ S-3A	CC77926	SOIL



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



Analysis Report

April 11, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: NETC
Rush Request: 24 Hour
P.O.#: 19.0102014

Custody Information

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

Date

03/27/19 11:45
03/29/19 16:24

Time

Laboratory Data

SDG ID: GCC77924
Phoenix ID: CC77924

Project ID: 694 DELAWARE AVENUE, ALBANY NEW YORK
Client ID: HA-1/ S-5A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79		%		03/29/19	DA	SW846-%Solid

Volatiles (TCL)

1,1,1-Trichloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
2-Hexanone	ND	29	ug/kg	1	03/29/19	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	ug/kg	1	03/29/19	JLI	SW8260C
Acetone	ND	59	ug/kg	1	03/29/19	JLI	SW8260C
Benzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Bromochloromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Bromodichloromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Bromoform	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Bromomethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Carbon Disulfide	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Carbon tetrachloride	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Chlorobenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C

Client ID: HA-1/ S-5A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Chloroform	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Chloromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Cyclohexane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Dibromochloromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Ethylbenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Isopropylbenzene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
m&p-Xylene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Methyl ethyl ketone	ND	35	ug/kg	1	03/29/19	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/kg	1	03/29/19	JLI	SW8260C
Methylacetate	ND	4.7	ug/kg	1	03/29/19	JLI	SW8260C
Methylcyclohexane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Methylene chloride	ND	29	ug/kg	1	03/29/19	JLI	SW8260C
o-Xylene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Styrene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Tetrachloroethene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Toluene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Total Xylenes	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Trichloroethene	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
Vinyl chloride	ND	5.9	ug/kg	1	03/29/19	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	105		%	1	03/29/19	JLI	70 - 130 %
% Bromofluorobenzene	88		%	1	03/29/19	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	03/29/19	JLI	70 - 130 %
% Toluene-d8	94		%	1	03/29/19	JLI	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	88	ug/kg	1	03/29/19	JLI	SW8260C
Non Target Volatile Compounds	Absent			1	04/01/19	JLI	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL

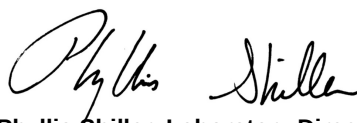
BRL=Below Reporting Level L=Biased Low

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

April 11, 2019

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

April 11, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: SOIL
Location Code: NETC
Rush Request: Standard
P.O.#: 19.0102014

Custody Information

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

Date Time

03/27/19 10:50
03/29/19 16:24

Laboratory Data

SDG ID: GCC77924
Phoenix ID: CC77926

Project ID: 694 DELAWARE AVENUE, ALBANY NEW YORK
Client ID: HA-3/ S-3A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72		%		04/10/19	ML	SW846-%Solid

Volatiles

1,1,1,2-Tetrachloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1-Dichloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1-Dichloroethene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,1-Dichloropropene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2,4-Trimethylbenzene	1600	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2-Dibromoethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2-Dichloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,2-Dichloropropane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,3,5-Trimethylbenzene	470	390	ug/Kg	50	04/10/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,3-Dichloropropane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
2,2-Dichloropropane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
2-Chlorotoluene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
2-Hexanone	ND	2500	ug/Kg	50	04/10/19	JLI	SW8260C
2-Isopropyltoluene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
4-Chlorotoluene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C

1

Client ID: HA-3/ S-3A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	2500	ug/Kg	50	04/10/19	JLI	SW8260C
Acetone	ND	2500	ug/Kg	50	04/10/19	JLI	SW8260C
Acrylonitrile	ND	980	ug/Kg	50	04/10/19	JLI	SW8260C
Benzene	4700	490	ug/Kg	50	04/10/19	JLI	SW8260C
Bromobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Bromochloromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Bromodichloromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Bromoform	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Bromomethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Carbon Disulfide	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Carbon tetrachloride	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Chlorobenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Chloroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Chloroform	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Chloromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
cis-1,2-Dichloroethene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
cis-1,3-Dichloropropene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Dibromochloromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Dibromomethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Dichlorodifluoromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Ethylbenzene	560	490	ug/Kg	50	04/10/19	JLI	SW8260C
Hexachlorobutadiene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Isopropylbenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
m&p-Xylene	3500	490	ug/Kg	50	04/10/19	JLI	SW8260C
Methyl Ethyl Ketone	ND	2500	ug/Kg	50	04/10/19	JLI	SW8260C
Methyl t-butyl ether (MTBE)	5800	980	ug/Kg	50	04/10/19	JLI	SW8260C
Methylene chloride	ND	980	ug/Kg	50	04/10/19	JLI	SW8260C
Naphthalene	450	390	ug/Kg	50	04/10/19	JLI	SW8260C
n-Butylbenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
n-Propylbenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
o-Xylene	1300	490	ug/Kg	50	04/10/19	JLI	SW8260C
p-Isopropyltoluene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
sec-Butylbenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Styrene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
tert-Butylbenzene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Tetrachloroethene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Tetrahydrofuran (THF)	ND	980	ug/Kg	50	04/10/19	JLI	SW8260C
Toluene	900	490	ug/Kg	50	04/10/19	JLI	SW8260C
Total Xylenes	4800	490	ug/Kg	50	04/10/19	JLI	SW8260C
trans-1,2-Dichloroethene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
trans-1,3-Dichloropropene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	980	ug/Kg	50	04/10/19	JLI	SW8260C
Trichloroethene	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Trichlorofluoromethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Trichlorotrifluoroethane	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
Vinyl chloride	ND	490	ug/Kg	50	04/10/19	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	04/10/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	04/10/19	JLI	70 - 130 %

1

Client ID: HA-3/ S-3A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane (50x)	95		%	50	04/10/19	JLI	70 - 130 %
% Toluene-d8 (50x)	98		%	50	04/10/19	JLI	70 - 130 %
Field Extraction	Completed				03/27/19		SW5035A

1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

Volatile Comment:

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

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

April 11, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



QA/QC Report

April 11, 2019

QA/QC Data

SDG I.D.: GCC77924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 472663 (ug/kg), QC Sample No: CC77442 (CC77924)										
Volatiles - Soil										
1,1,1-Trichloroethane	ND	5.0	78	79	1.3	78	79	1.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	78	79	1.3	83	83	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	74	76	2.7	70	70	0.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	77	77	0.0	81	92	12.7	70 - 130	30
1,1-Dichloroethene	ND	5.0	82	85	3.6	84	85	1.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	77	77	0.0	77	81	5.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	77	76	1.3	81	83	2.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	69	68	1.5	66	69	4.4	70 - 130	30 l,m
1,2-Dibromoethane	ND	5.0	76	77	1.3	70	71	1.4	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	78	78	0.0	86	86	0.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	74	75	1.3	72	73	1.4	70 - 130	30
1,2-Dichloropropane	ND	5.0	80	81	1.2	77	78	1.3	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	78	78	0.0	86	85	1.2	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	77	77	0.0	85	85	0.0	70 - 130	30
1,4-dioxane	ND	100	92	85	7.9	84	88	4.7	70 - 130	30
2-Hexanone	ND	25	79	81	2.5	68	68	0.0	70 - 130	30 m
4-Methyl-2-pentanone	ND	25	81	83	2.4	71	71	0.0	70 - 130	30
Acetone	ND	10	77	80	3.8	72	69	4.3	70 - 130	30 m
Benzene	ND	1.0	79	81	2.5	78	79	1.3	70 - 130	30
Bromochloromethane	ND	5.0	82	81	1.2	77	80	3.8	70 - 130	30
Bromodichloromethane	ND	5.0	73	75	2.7	71	72	1.4	70 - 130	30
Bromoform	ND	5.0	68	69	1.5	60	62	3.3	70 - 130	30 l,m
Bromomethane	ND	5.0	103	103	0.0	111	110	0.9	70 - 130	30
Carbon Disulfide	ND	5.0	97	99	2.0	97	97	0.0	70 - 130	30
Carbon tetrachloride	ND	5.0	71	74	4.1	72	84	15.4	70 - 130	30
Chlorobenzene	ND	5.0	80	81	1.2	76	77	1.3	70 - 130	30
Chloroethane	ND	5.0	96	91	5.3	106	109	2.8	70 - 130	30
Chloroform	ND	5.0	80	80	0.0	79	80	1.3	70 - 130	30
Chloromethane	ND	5.0	106	108	1.9	103	106	2.9	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	81	83	2.4	80	80	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	73	75	2.7	69	71	2.9	70 - 130	30 m
Cyclohexane	ND	5.0	85	88	3.5	86	86	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	76	76	0.0	70	72	2.8	70 - 130	30
Dichlorodifluoromethane	ND	5.0	130	134	3.0	131	129	1.5	70 - 130	30 l,m
Ethylbenzene	ND	1.0	79	81	2.5	76	76	0.0	70 - 130	30
Isopropylbenzene	ND	1.0	80	82	2.5	88	87	1.1	70 - 130	30
m&p-Xylene	ND	2.0	80	81	1.2	75	77	2.6	70 - 130	30
Methyl ethyl ketone	ND	5.0	89	86	3.4	73	73	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	78	80	2.5	75	76	1.3	70 - 130	30
Methylacetate	ND	5.0	92	94	2.2	87	87	0.0	70 - 130	30
Methylcyclohexane	ND	5.0	88	92	4.4	86	86	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GCC77924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylene chloride	ND	5.0	68	69	1.5	68	69	1.5	70 - 130	30	I,m
o-Xylene	ND	2.0	79	80	1.3	75	75	0.0	70 - 130	30	
Styrene	ND	5.0	76	77	1.3	71	73	2.8	70 - 130	30	
Tetrachloroethene	ND	5.0	78	80	2.5	74	74	0.0	70 - 130	30	
Toluene	ND	1.0	78	80	2.5	76	77	1.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	80	82	2.5	79	80	1.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	69	71	2.9	63	65	3.1	70 - 130	30	I,m
Trichloroethene	ND	5.0	81	83	2.4	79	80	1.3	70 - 130	30	
Trichlorofluoromethane	ND	5.0	98	100	2.0	105	107	1.9	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	95	97	2.1	95	95	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	106	107	0.9	108	107	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	99	0.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	95	%	97	98	1.0	97	97	0.0	70 - 130	30	
% Dibromofluoromethane	93	%	96	95	1.0	94	94	0.0	70 - 130	30	
% Toluene-d8	95	%	97	97	0.0	97	97	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 474365 (ug/kg), QC Sample No: CC91923 (CC77926 (50X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	102	103	1.0	99	94	5.2	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	102	102	0.0	101	99	2.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	102	101	1.0	92	88	4.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	94	94	0.0	88	85	3.5	70 - 130	30
1,1-Dichloroethane	ND	5.0	104	102	1.9	101	98	3.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	105	107	1.9	104	103	1.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	100	101	1.0	100	98	2.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	90	90	0.0	83	76	8.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	100	100	0.0	87	85	2.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	90	89	1.1	83	75	10.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	97	98	1.0	94	90	4.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	104	101	2.9	87	85	2.3	70 - 130	30
1,2-Dibromoethane	ND	5.0	99	97	2.0	91	86	5.6	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	95	95	0.0	90	84	6.9	70 - 130	30
1,2-Dichloroethane	ND	5.0	97	97	0.0	93	89	4.4	70 - 130	30
1,2-Dichloropropane	ND	5.0	97	97	0.0	94	90	4.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	98	99	1.0	96	92	4.3	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	95	95	0.0	90	85	5.7	70 - 130	30
1,3-Dichloropropane	ND	5.0	97	96	1.0	90	87	3.4	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	93	93	0.0	88	82	7.1	70 - 130	30
2,2-Dichloropropane	ND	5.0	109	110	0.9	105	103	1.9	70 - 130	30
2-Chlorotoluene	ND	5.0	97	97	0.0	93	89	4.4	70 - 130	30
2-Hexanone	ND	25	102	101	1.0	86	84	2.4	70 - 130	30
2-Isopropyltoluene	ND	5.0	100	102	2.0	99	95	4.1	70 - 130	30
4-Chlorotoluene	ND	5.0	96	96	0.0	92	88	4.4	70 - 130	30
4-Methyl-2-pentanone	ND	25	102	103	1.0	89	90	1.1	70 - 130	30
Acetone	ND	10	87	86	1.2	88	85	3.5	70 - 130	30
Acrylonitrile	ND	5.0	100	101	1.0	81	81	0.0	70 - 130	30
Benzene	ND	1.0	97	97	0.0	95	92	3.2	70 - 130	30
Bromobenzene	ND	5.0	96	96	0.0	91	86	5.6	70 - 130	30
Bromochloromethane	ND	5.0	98	98	0.0	91	88	3.4	70 - 130	30
Bromodichloromethane	ND	5.0	102	102	0.0	98	95	3.1	70 - 130	30
Bromoform	ND	5.0	109	109	0.0	97	95	2.1	70 - 130	30

QA/QC Data

SDG I.D.: GCC77924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromomethane	ND	5.0	108	105	2.8	109	103	5.7	70 - 130	30
Carbon Disulfide	ND	5.0	112	115	2.6	110	108	1.8	70 - 130	30
Carbon tetrachloride	ND	5.0	95	96	1.0	110	92	17.8	70 - 130	30
Chlorobenzene	ND	5.0	97	96	1.0	93	90	3.3	70 - 130	30
Chloroethane	ND	5.0	118	109	7.9	121	116	4.2	70 - 130	30
Chloroform	ND	5.0	99	99	0.0	96	93	3.2	70 - 130	30
Chloromethane	ND	5.0	99	101	2.0	93	93	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	98	98	0.0	94	91	3.2	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	100	99	1.0	94	89	5.5	70 - 130	30
Dibromochloromethane	ND	3.0	109	108	0.9	102	98	4.0	70 - 130	30
Dibromomethane	ND	5.0	96	96	0.0	89	86	3.4	70 - 130	30
Dichlorodifluoromethane	ND	5.0	111	112	0.9	109	108	0.9	70 - 130	30
Ethylbenzene	ND	1.0	97	98	1.0	96	94	2.1	70 - 130	30
Hexachlorobutadiene	ND	5.0	96	99	3.1	94	87	7.7	70 - 130	30
Isopropylbenzene	ND	1.0	99	100	1.0	98	94	4.2	70 - 130	30
m&p-Xylene	ND	2.0	98	98	0.0	96	93	3.2	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	96	1.0	80	81	1.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	97	0.0	92	88	4.4	70 - 130	30
Methylene chloride	ND	5.0	97	99	2.0	94	91	3.2	70 - 130	30
Naphthalene	ND	5.0	95	95	0.0	85	80	6.1	70 - 130	30
n-Butylbenzene	ND	1.0	98	99	1.0	96	92	4.3	70 - 130	30
n-Propylbenzene	ND	1.0	99	99	0.0	97	93	4.2	70 - 130	30
o-Xylene	ND	2.0	99	99	0.0	96	93	3.2	70 - 130	30
p-Isopropyltoluene	ND	1.0	99	100	1.0	97	94	3.1	70 - 130	30
sec-Butylbenzene	ND	1.0	104	105	1.0	103	100	3.0	70 - 130	30
Styrene	ND	5.0	97	97	0.0	93	89	4.4	70 - 130	30
tert-Butylbenzene	ND	1.0	99	100	1.0	98	95	3.1	70 - 130	30
Tetrachloroethene	ND	5.0	97	98	1.0	96	93	3.2	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	101	101	0.0	86	85	1.2	70 - 130	30
Toluene	ND	1.0	96	96	0.0	94	92	2.2	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	105	108	2.8	105	101	3.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	99	99	0.0	91	88	3.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	114	113	0.9	98	94	4.2	70 - 130	30
Trichloroethene	ND	5.0	97	98	1.0	96	93	3.2	70 - 130	30
Trichlorofluoromethane	ND	5.0	113	114	0.9	114	113	0.9	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	106	109	2.8	107	106	0.9	70 - 130	30
Vinyl chloride	ND	5.0	106	107	0.9	103	102	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	99	%	100	100	0.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	97	%	99	99	0.0	99	100	1.0	70 - 130	30
% Toluene-d8	98	%	99	99	0.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

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

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

QA/QC Data

SDG I.D.: GCC77924

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

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

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



Phyllis Shiller, Laboratory Director
April 11, 2019

Thursday, April 11, 2019

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCC77924 - NETC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC77926	\$8260SMRNY	Total Xylenes	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	4800	490	260	260	ug/Kg
CC77926	\$8260SMRNY	Toluene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	900	490	700	700	ug/Kg
CC77926	\$8260SMRNY	Methyl t-butyl ether (MTBE)	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	5800	980	930	930	ug/Kg
CC77926	\$8260SMRNY	Benzene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	4700	490	60	60	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
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Project Narrative

April 11, 2019

SDG I.D.: GCC77924

VOA Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

CHEM03 03/29/19-2

Jane Li, Chemist 03/29/19

CC77924

Initial Calibration Evaluation (CHEM03/VT-L032019):

98% of target compounds met criteria.

The following compounds had %RSDs >20%: Chloroethane 32% (20%), Methylene chloride 22% (20%)

The following compounds did not meet recommended response factors: Acetone 0.084 (0.1)

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM03/0329L32-VT-L032019):

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.

99% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

CHEM03 04/10/19-2

Jane Li, Chemist 04/10/19

CC77926

Initial Calibration Evaluation (CHEM03/VT-L040419P):

96% of target compounds met criteria.

The following compounds had %RSDs >20%: Acetone 28% (20%), Bromoform 21% (20%), Chloroethane 35% (20%)

The following compounds did not meet recommended response factors: Acetone 0.085 (0.1), Tetrachloroethene 0.192 (0.2)

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM03/0410L35-VT-L040419P):

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 472663 (CC77442)

CC77924

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2-Dibromo-3-chloropropane(69%), Bromoform(68%), Methylene chloride(68%), trans-1,3-Dichloropropene(69%)

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2-Dibromo-3-chloropropane(68%), Bromoform(69%), Dichlorodifluoromethane(134%), Methylene chloride(69%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

Batch 474365 (CC91923)

CC77926

All LCS recoveries were within 70 - 130 with the following exceptions: None.



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Project Narrative

April 11, 2019

SDG I.D.: GCC77924

VOA Narration

All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

Temperature Narration

The samples in this delivery group were received at 1.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



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NY Temperature Narration

April 11, 2019

SDG I.D.: GCC77924

The samples in this delivery group were received at 1.3°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:	<u>NETC</u>	Project:	<u>694 Delaware Avenue, Albany, New York</u>
Address:	<u>PO Box 2167</u>	Report to:	<u>Rob Gray</u>
	<u>Ballston Spa, New York</u>	Invoice to:	<u>NETC</u>
		QUOTE # :	

Project P.O.: 19.0102014

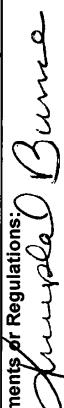
This section MUST be

**completed with
Bottle Quantities.**

Client Sample Information - Identification Sampler's Signature <u>[Signature]</u> Date: <u>3/28/19</u>	Analysis Request
--	------------------

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

[illegible]

Relinquished by: 	Accepted by: 	Date: 3/29/19	Time: 1245	Turnaround: ☒ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 5 Days ☐ 10 Days ☐ Other	NJ ☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ Impact to GW soil screen Criteria ☐ GW Criteria	NY ☐ TOGS GW ☒ CP-51 SOIL ☐ 375SCO ☐ Unrestricted Soil ☐ 375SCO ☐ Residential Soil ☐ 375SCO ☐ Residential ☐ Restricted Soil ☐ 375SCO ☐ Commercial Soil ☐ 375SCO ☐ Industrial Soil ☐ Subpart 5 DW	Data Format ☐ Phoenix Std Report ☒ Excel ☐ PDF ☐ GIS/Key ☐ EQuIS ☐ NJ Hazsite EDD ☐ NY EZ EDD (ASP) ☐ Other _____
Comments, Special Requirements or Regulations: 				What State were samples collected? _____ New York			

NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 4
Attn.: Mr. Drew Hoffert Engineer Trainee
April 16, 2019
Page 5 of 5

ATTACHMENT C



Friday, April 12, 2019

Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Project ID: 694 DELAWARE AVE ALBANY NY
SDG ID: GCC81351
Sample ID#s: CC81351 - CC81355

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, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
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PROJECT NARRATIVE

Client: NETC

Project: 694 DELAWARE AVE ALBANY NY

Laboratory Project: GCC81351



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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Project Narrative

April 12, 2019

SDG I.D.: GCC81351

NETC 694 DELAWARE AVE ALBANY 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.



Environmental Laboratories, Inc.
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Project Narrative

April 12, 2019

SDG I.D.: GCC81351

NETC 694 DELAWARE AVE ALBANY NY

Laboratory Chronicle

The samples in this delivery group were received at 1.2°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CC81351	1,4-dioxane	04/02/19	04/03/19	04/03/19	MH	Y
CC81351	Volatiles (TCL)	04/02/19	04/03/19	04/03/19	MH	Y
CC81352	Volatiles	04/02/19	04/10/19	04/10/19	MH	Y
CC81353	Volatiles	04/02/19	04/11/19	04/11/19	MH	Y
CC81354	Volatiles	04/02/19	04/10/19	04/10/19	MH	Y
CC81355	Volatiles	04/02/19	04/10/19	04/10/19	MH	Y



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

April 12, 2019

SDG I.D.: GCC81351

Project ID: 694 DELAWARE AVE ALBANY NY

Client Id	Lab Id	Matrix
HA-1	CC81351	GROUND WATER
HA-2	CC81352	GROUND WATER
HA-3	CC81353	GROUND WATER
HA-4	CC81354	GROUND WATER
HA-5	CC81355	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 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: NETC
Rush Request: 24 Hour
P.O.#: 19.0102014

Custody Information

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

Date

04/02/19 10:24
04/03/19 17:00

Time

Laboratory Data

SDG ID: GCC81351
Phoenix ID: CC81351

Project ID: 694 DELAWARE AVE ALBANY NY
Client ID: HA-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	95	5.0	ug/L	5	04/03/19	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,1-Dichloroethane	28	1.0	ug/L	1	04/03/19	MH	SW8260C
1,1-Dichloroethene	12	1.0	ug/L	1	04/03/19	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	04/03/19	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	04/03/19	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	04/03/19	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
2-Hexanone	ND	2.5	ug/L	1	04/03/19	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	ug/L	1	04/03/19	MH	SW8260C
Acetone	9.9	S 2.5	ug/L	1	04/03/19	MH	SW8260C
Benzene	ND	0.70	ug/L	1	04/03/19	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Bromodichloromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Carbon Disulfide	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Chloroethane	1.9	1.0	ug/L	1	04/03/19	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroform	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	04/03/19	MH	SW8260C
Cyclohexane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Dibromochloromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Methyl ethyl ketone	ND	2.5	ug/L	1	04/03/19	MH	SW8260C
Methyl t-butyl ether (MTBE)	56	5.0	ug/L	5	04/03/19	MH	SW8260C
Methylacetate	ND	5.0	ug/L	1	04/03/19	MH	SW8260C
Methylcyclohexane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Methylene chloride	ND	3.0	ug/L	1	04/03/19	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Styrene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Toluene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	04/03/19	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	04/03/19	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	04/03/19	MH	70 - 130 %
% Bromofluorobenzene	100		%	1	04/03/19	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	04/03/19	MH	70 - 130 %
% Toluene-d8	99		%	1	04/03/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	95		%	5	04/03/19	MH	70 - 130 %
% Bromofluorobenzene (5x)	101		%	5	04/03/19	MH	70 - 130 %
% Dibromofluoromethane (5x)	110		%	5	04/03/19	MH	70 - 130 %
% Toluene-d8 (5x)	95		%	5	04/03/19	MH	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	100	ug/l	1	04/03/19	MH	SW8260C
Non Target Volatile Compounds	Absent			1	04/04/19	MH	
Volatile Library Search Top 10	Completed				04/04/19	MH	

Client ID: HA-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL

BRL=Below Reporting Level L=Biased Low

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

Comments:

Volatile Comment:

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

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director

April 12, 2019

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

April 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: NETC
Rush Request: Standard
P.O.#: 19.0102014

Custody Information

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

Date Time
04/02/19 14:05
04/03/19 17:00

Laboratory Data

SDG ID: GCC81351
Phoenix ID: CC81352

Project ID: 694 DELAWARE AVE ALBANY NY
Client ID: HA-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	04/10/19	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Benzene	ND	0.70	ug/L	1	04/10/19	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Styrene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	04/10/19	MH	SW8260C
Toluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98		%	1	04/10/19	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	04/10/19	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	04/10/19	MH	70 - 130 %

Client ID: HA-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97		%	1	04/10/19	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:**Volatile Comment:**

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

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



Phyllis Shiller, Laboratory Director

April 12, 2019

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

April 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: NETC
Rush Request: Standard
P.O.#: 19.0102014

Custody Information

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

Date	Time
04/02/19	12:45
04/03/19	17:00

Laboratory Data

SDG ID: GCC81351
Phoenix ID: CC81353

Project ID: 694 DELAWARE AVE ALBANY NY
Client ID: HA-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,1,1-Trichloroethane	130	20	ug/L	20	04/10/19	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,1-Dichloroethane	23	20	ug/L	20	04/10/19	MH	SW8260C
1,1-Dichloroethene	66	20	ug/L	20	04/10/19	MH	SW8260C
1,1-Dichloropropene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,2,3-Trichlorobenzene	ND	20	ug/L	20	04/10/19	MH	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,2,4-Trichlorobenzene	ND	20	ug/L	20	04/10/19	MH	SW8260C
1,2,4-Trimethylbenzene	910	100	ug/L	100	04/11/19	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	10	ug/L	20	04/10/19	MH	SW8260C
1,2-Dibromoethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,2-Dichloroethane	92	12	ug/L	20	04/10/19	MH	SW8260C
1,2-Dichloropropane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,3,5-Trimethylbenzene	210	20	ug/L	20	04/10/19	MH	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,3-Dichloropropane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
2,2-Dichloropropane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
2-Chlorotoluene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
2-Hexanone	ND	50	ug/L	20	04/10/19	MH	SW8260C
2-Isopropyltoluene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
4-Chlorotoluene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
4-Methyl-2-pentanone	65	50	ug/L	20	04/10/19	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	50	ug/L	20	04/10/19	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Benzene	7500	700	ug/L	1000	04/11/19	MH	SW8260C
Bromobenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Bromochloromethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Bromodichloromethane	ND	10	ug/L	20	04/10/19	MH	SW8260C
Bromoform	ND	20	ug/L	20	04/10/19	MH	SW8260C
Bromomethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Carbon Disulfide	ND	50	ug/L	20	04/10/19	MH	SW8260C
Carbon tetrachloride	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Chlorobenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Chloroethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Chloroform	ND	7.0	ug/L	20	04/10/19	MH	SW8260C
Chloromethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
cis-1,2-Dichloroethene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Dibromochloromethane	ND	10	ug/L	20	04/10/19	MH	SW8260C
Dibromomethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Ethylbenzene	430	20	ug/L	20	04/10/19	MH	SW8260C
Hexachlorobutadiene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Isopropylbenzene	43	20	ug/L	20	04/10/19	MH	SW8260C
m&p-Xylene	2500	100	ug/L	100	04/11/19	MH	SW8260C
Methyl ethyl ketone	ND	50	ug/L	20	04/10/19	MH	SW8260C
Methyl t-butyl ether (MTBE)	6500	1000	ug/L	1000	04/11/19	MH	SW8260C
Methylene chloride	ND	10	ug/L	20	04/10/19	MH	SW8260C
Naphthalene	170	20	ug/L	20	04/10/19	MH	SW8260C
n-Butylbenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
n-Propylbenzene	90	20	ug/L	20	04/10/19	MH	SW8260C
o-Xylene	470	20	ug/L	20	04/10/19	MH	SW8260C
p-Isopropyltoluene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
sec-Butylbenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Styrene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
tert-Butylbenzene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Tetrachloroethene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Tetrahydrofuran (THF)	ND	50	ug/L	20	04/10/19	MH	SW8260C
Toluene	330	20	ug/L	20	04/10/19	MH	SW8260C
Total Xylenes	2500	100	ug/L	100	04/11/19	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	50	ug/L	20	04/10/19	MH	SW8260C
Trichloroethene	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Trichlorofluoromethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
Vinyl chloride	ND	5.0	ug/L	20	04/10/19	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4 (20x)	98		%	20	04/10/19	MH	70 - 130 %
% Bromofluorobenzene (20x)	94		%	20	04/10/19	MH	70 - 130 %
% Dibromofluoromethane (20x)	104		%	20	04/10/19	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	98		%	20	04/10/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	100		%	100	04/11/19	MH	70 - 130 %
% Bromofluorobenzene (100x)	93		%	100	04/11/19	MH	70 - 130 %
% Dibromofluoromethane (100x)	100		%	100	04/11/19	MH	70 - 130 %
% Toluene-d8 (100x)	97		%	100	04/11/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (1000x)	100		%	1000	04/11/19	MH	70 - 130 %
% Bromofluorobenzene (1000x)	93		%	1000	04/11/19	MH	70 - 130 %
% Dibromofluoromethane (1000x)	101		%	1000	04/11/19	MH	70 - 130 %
% Toluene-d8 (1000x)	97		%	1000	04/11/19	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

Volatile Comment:

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

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 12, 2019

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

April 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: NETC
Rush Request: Standard
P.O.#: 19.0102014

Custody Information

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

Date

04/02/19 15:25
04/03/19 17:00

Time

Laboratory Data

SDG ID: GCC81351
Phoenix ID: CC81354

Project ID: 694 DELAWARE AVE ALBANY NY
Client ID: HA-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	04/10/19	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Benzene	ND	0.70	ug/L	1	04/10/19	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Styrene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	04/10/19	MH	SW8260C
Toluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	04/10/19	MH	70 - 130 %
% Bromofluorobenzene	92		%	1	04/10/19	MH	70 - 130 %
% Dibromofluoromethane	95		%	1	04/10/19	MH	70 - 130 %

1

Client ID: HA-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	04/10/19	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:**Volatile Comment:**

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

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



Phyllis Shiller, Laboratory Director

April 12, 2019

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

April 12, 2019

FOR: Attn: Mr. Rob Gray
NETC
PO Box 2167
Ballston Spa, NY 12020

Sample Information

Matrix: GROUND WATER
Location Code: NETC
Rush Request: Standard
P.O.#: 19.0102014

Custody Information

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

Date

04/02/19 11:38
04/03/19 17:00

Time

Laboratory Data

SDG ID: GCC81351
Phoenix ID: CC81355

Project ID: 694 DELAWARE AVE ALBANY NY
Client ID: HA-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	04/10/19	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	04/10/19	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Benzene	ND	0.70	ug/L	1	04/10/19	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Chloromethane	1.1	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	04/10/19	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Styrene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	04/10/19	MH	SW8260C
Toluene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	04/10/19	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	04/10/19	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	04/10/19	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	04/10/19	MH	70 - 130 %
% Bromofluorobenzene	93		%	1	04/10/19	MH	70 - 130 %
% Dibromofluoromethane	95		%	1	04/10/19	MH	70 - 130 %

Client ID: HA-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	04/10/19	MH	70 - 130 %

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:**Volatile Comment:**

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

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Phyllis Shiller, Laboratory Director

April 12, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



QA/QC Report

April 12, 2019

QA/QC Data

SDG I.D.: GCC81351

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 474381 (ug/L), QC Sample No: CC79711 (CC81353 (100X, 1000X))										
<u>Volatiles - Ground Water</u>										
1,2,4-Trimethylbenzene	ND	1.0	93	94	1.1				70 - 130	30
Benzene	ND	0.70	92	95	3.2				70 - 130	30
m&p-Xylene	ND	1.0	94	97	3.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	88	1.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	98	98	0.0				70 - 130	30
% Bromofluorobenzene	91	%	96	98	2.1				70 - 130	30
% Dibromofluoromethane	96	%	100	99	1.0				70 - 130	30
% Toluene-d8	96	%	98	99	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 compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 473253 (ug/L), QC Sample No: CC80158 (CC81351 (1X, 5X))

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	93	91	2.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	94	103	9.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	86	100	15.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	92	93	1.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	98	93	5.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	112	129	14.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	100	110	9.5				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	107	115	7.2				70 - 130	30
1,2-Dibromoethane	ND	1.0	92	102	10.3				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	92	95	3.2				70 - 130	30
1,2-Dichloroethane	ND	1.0	89	102	13.6				70 - 130	30
1,2-Dichloropropane	ND	1.0	89	97	8.6				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	92	92	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	92	92	0.0				70 - 130	30
1,4-dioxane	ND	100	135	120	11.8				70 - 130	30
2-Hexanone	ND	5.0	99	117	16.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	94	122	25.9				70 - 130	30
Acetone	ND	5.0	103	105	1.9				70 - 130	30
Benzene	ND	0.70	89	88	1.1				70 - 130	30
Bromochloromethane	ND	1.0	88	97	9.7				70 - 130	30
Bromodichloromethane	ND	0.50	95	104	9.0				70 - 130	30
Bromoform	ND	1.0	104	117	11.8				70 - 130	30
Bromomethane	ND	1.0	66	59	11.2				70 - 130	30
Carbon Disulfide	ND	1.0	104	98	5.9				70 - 130	30
Carbon tetrachloride	ND	1.0	99	96	3.1				70 - 130	30
Chlorobenzene	ND	1.0	93	91	2.2				70 - 130	30
Chloroethane	ND	1.0	99	92	7.3				70 - 130	30

QA/QC Data

SDG I.D.: GCC81351

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	1.0	94	97	3.1				70 - 130	30
Chloromethane	ND	1.0	84	82	2.4				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	90	94	4.3				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	101	10.4				70 - 130	30
Cyclohexane	ND	5.0	82	82	0.0				70 - 130	30
Dibromochloromethane	ND	0.50	104	114	9.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	101	98	3.0				70 - 130	30
Ethylbenzene	ND	1.0	93	89	4.4				70 - 130	30
Isopropylbenzene	ND	1.0	91	87	4.5				70 - 130	30
m&p-Xylene	ND	1.0	91	89	2.2				70 - 130	30
Methyl ethyl ketone	ND	5.0	83	106	24.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	88	108	20.4				70 - 130	30
Methylacetate	ND	2.5	97	118	19.5				70 - 130	30
Methylcyclohexane	ND	1.0	86	93	7.8				70 - 130	30
Methylene chloride	ND	1.0	89	96	7.6				70 - 130	30
o-Xylene	ND	1.0	94	92	2.2				70 - 130	30
Styrene	ND	1.0	92	93	1.1				70 - 130	30
Tetrachloroethene	ND	1.0	91	92	1.1				70 - 130	30
Toluene	ND	1.0	90	92	2.2				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	95	94	1.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	91	102	11.4				70 - 130	30
Trichloroethene	ND	1.0	92	89	3.3				70 - 130	30
Trichlorofluoromethane	ND	1.0	93	91	2.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	95	1.1				70 - 130	30
Vinyl chloride	ND	1.0	93	87	6.7				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	99	102	3.0				70 - 130	30
% Bromofluorobenzene	102	%	101	104	2.9				70 - 130	30
% Dibromofluoromethane	105	%	99	101	2.0				70 - 130	30
% Toluene-d8	93	%	101	101	0.0				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 compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 474375 (ug/L), QC Sample No: CC91930 (CC81352, CC81353 (20X) , CC81354, CC81355)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	91	96	5.3				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	89	97	8.6				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	93	99	6.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	87	91	4.5				70 - 130	30
1,1-Dichloroethane	ND	1.0	95	100	5.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	111	6.5				70 - 130	30
1,1-Dichloropropene	ND	1.0	94	99	5.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	89	95	6.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	88	94	6.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	91	96	5.3				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	93	97	4.2				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	87	97	10.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	90	94	4.3				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	90	94	4.3				70 - 130	30
1,2-Dichloroethane	ND	1.0	90	94	4.3				70 - 130	30
1,2-Dichloropropane	ND	1.0	93	99	6.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	93	98	5.2				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	90	94	4.3				70 - 130	30

QA/QC Data

SDG I.D.: GCC81351

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	1.0	89	95	6.5				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	90	95	5.4				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	101	7.2				70 - 130	30
2-Chlorotoluene	ND	1.0	91	97	6.4				70 - 130	30
2-Hexanone	ND	5.0	94	99	5.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	95	99	4.1				70 - 130	30
4-Chlorotoluene	ND	1.0	90	93	3.3				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	93	100	7.3				70 - 130	30
Acetone	ND	5.0	99	100	1.0				70 - 130	30
Acrylonitrile	ND	5.0	97	100	3.0				70 - 130	30
Benzene	ND	0.70	92	98	6.3				70 - 130	30
Bromobenzene	ND	1.0	90	95	5.4				70 - 130	30
Bromochloromethane	ND	1.0	91	95	4.3				70 - 130	30
Bromodichloromethane	ND	0.50	92	97	5.3				70 - 130	30
Bromoform	ND	1.0	91	98	7.4				70 - 130	30
Bromomethane	ND	1.0	117	142	19.3				70 - 130	30
Carbon Disulfide	ND	1.0	106	111	4.6				70 - 130	30
Carbon tetrachloride	ND	1.0	92	96	4.3				70 - 130	30
Chlorobenzene	ND	1.0	90	95	5.4				70 - 130	30
Chloroethane	ND	1.0	111	115	3.5				70 - 130	30
Chloroform	ND	1.0	92	96	4.3				70 - 130	30
Chloromethane	ND	1.0	95	100	5.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	93	99	6.3				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	96	5.3				70 - 130	30
Dibromochloromethane	ND	0.50	94	101	7.2				70 - 130	30
Dibromomethane	ND	1.0	90	95	5.4				70 - 130	30
Dichlorodifluoromethane	ND	1.0	95	101	6.1				70 - 130	30
Ethylbenzene	ND	1.0	90	96	6.5				70 - 130	30
Hexachlorobutadiene	ND	0.40	96	103	7.0				70 - 130	30
Isopropylbenzene	ND	1.0	94	100	6.2				70 - 130	30
m&p-Xylene	ND	1.0	92	97	5.3				70 - 130	30
Methyl ethyl ketone	ND	5.0	97	103	6.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	96	4.3				70 - 130	30
Methylene chloride	ND	1.0	100	104	3.9				70 - 130	30
Naphthalene	ND	1.0	92	98	6.3				70 - 130	30
n-Butylbenzene	ND	1.0	95	99	4.1				70 - 130	30
n-Propylbenzene	ND	1.0	93	99	6.3				70 - 130	30
o-Xylene	ND	1.0	91	98	7.4				70 - 130	30
p-Isopropyltoluene	ND	1.0	94	99	5.2				70 - 130	30
sec-Butylbenzene	ND	1.0	98	103	5.0				70 - 130	30
Styrene	ND	1.0	90	96	6.5				70 - 130	30
tert-Butylbenzene	ND	1.0	93	98	5.2				70 - 130	30
Tetrachloroethene	ND	1.0	88	94	6.6				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	92	96	4.3				70 - 130	30
Toluene	ND	1.0	91	96	5.3				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	105	110	4.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	87	92	5.6				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	109	114	4.5				70 - 130	30
Trichloroethene	ND	1.0	89	93	4.4				70 - 130	30
Trichlorofluoromethane	ND	1.0	94	99	5.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	101	107	5.8				70 - 130	30
Vinyl chloride	ND	1.0	98	105	6.9				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	98	97	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GCC81351

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
% Bromofluorobenzene	95	%	97	96	1.0				70 - 130	30
% Dibromofluoromethane	98	%	101	101	0.0				70 - 130	30
% Toluene-d8	98	%	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 compounds can be outside of acceptance criteria as long as recovery is 40-160%.

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

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 12, 2019

Friday, April 12, 2019

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCC81351 - NETC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC81351	\$8260_TCLR	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	28	1.0	5	5	ug/L
CC81351	\$8260_TCLR	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.0	5	5	ug/L
CC81351	\$8260_TCLR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	95	5.0	5	5	ug/L
CC81351	\$8260_TCLR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	95	5.0	5	5	ug/L
CC81351	\$8260_TCLR	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CC81351	\$8260_TCLR	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CC81351	\$8260_TCLR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC81351	\$8260_TCLR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC81352	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC81352	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC81352	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC81353	\$8260GWR	Total Xylenes	NY / TAGM - Volatile Organics / Groundwater Standards	2500	100	5	5	ug/L
CC81353	\$8260GWR	Total Xylenes	NY / TOGS - Water Quality / GA Criteria	2500	100	5	5	ug/L
CC81353	\$8260GWR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	170	20	10	10	ug/L
CC81353	\$8260GWR	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	430	20	5	5	ug/L
CC81353	\$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	130	20	5	5	ug/L
CC81353	\$8260GWR	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	23	20	5	5	ug/L
CC81353	\$8260GWR	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	66	20	5	5	ug/L
CC81353	\$8260GWR	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CC81353	\$8260GWR	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	92	12	5	5	ug/L
CC81353	\$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	7500	700	0.7	0.7	ug/L
CC81353	\$8260GWR	4-Methyl-2-pentanone	NY / TAGM - Volatile Organics / Groundwater Standards	65	50	50	50	ug/L
CC81353	\$8260GWR	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	330	20	5	5	ug/L
CC81353	\$8260GWR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	170	20	5	5	ug/L
CC81353	\$8260GWR	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	470	20	5	5	ug/L
CC81353	\$8260GWR	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CC81353	\$8260GWR	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CC81353	\$8260GWR	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CC81353	\$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CC81353	\$8260GWR	Toluene	NY / TOGS - Water Quality / GA Criteria	330	20	5	5	ug/L
CC81353	\$8260GWR	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CC81353	\$8260GWR	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	43	20	5	5	ug/L
CC81353	\$8260GWR	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CC81353	\$8260GWR	o-Xylene	NY / TOGS - Water Quality / GA Criteria	470	20	5	5	ug/L
CC81353	\$8260GWR	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	23	20	5	5	ug/L
CC81353	\$8260GWR	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CC81353	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CC81353	\$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	130	20	5	5	ug/L
CC81353	\$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	7500	700	1	1	ug/L
CC81353	\$8260GWR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L

Friday, April 12, 2019

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCC81351 - NETC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC81353	\$8260GWR	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	430	20	5	5	ug/L
CC81353	\$8260GWR	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	66	20	5	5	ug/L
CC81353	\$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CC81353	\$8260GWR	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	910	100	5	5	ug/L
CC81353	\$8260GWR	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CC81353	\$8260GWR	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	210	20	5	5	ug/L
CC81353	\$8260GWR	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CC81353	\$8260GWR	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	92	12	0.6	0.6	ug/L
CC81353	\$8260GWR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	170	20	10	10	ug/L
CC81353	\$8260GWR	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	90	20	5	5	ug/L
CC81353	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CC81353	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CC81354	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC81354	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC81354	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC81355	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC81355	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC81355	\$8260GWR	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.



Environmental Laboratories, Inc.
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Project Narrative

April 12, 2019

SDG I.D.: GCC81351

VOA Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

CHEM02 04/10/19-2 Michael Hahn, Chemist 04/10/19

CC81352, CC81353, CC81354, CC81355

Initial Calibration Evaluation (CHEM02/VT-P0404):

98% of target compounds met criteria.

The following compounds had %RSDs >20%: Bromomethane 30% (20%), trans-1,4-dichloro-2-butene 23% (20%)

The following compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.042 (0.05), 2-Hexanone 0.089 (0.1), Acetone 0.046 (0.1), Bromoform 0.086 (0.1), Bromomethane 0.092 (0.1), Methyl ethyl ketone 0.082 (0.1)

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM02/0410_25-VT-P0404):

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), Bromoform 0.080 (0.1)

The following compounds did not meet minimum response factors: None.

CHEM02 04/11/19-1 Michael Hahn, Chemist 04/11/19

CC81353

Initial Calibration Evaluation (CHEM02/VT-P0404):

98% of target compounds met criteria.

The following compounds had %RSDs >20%: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM02/0411_02-VT-P0404):

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.

100% of target compounds met criteria.

The following compounds did not meet % deviation criteria: None.

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: None.

The following compounds did not meet minimum response factors: None.

CHEM17 04/03/19-2 Michael Hahn, Chemist 04/03/19

CC81351

Initial Calibration Evaluation (CHEM17/VT-S0401):

99% of target compounds met criteria.

The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 22% (20%)

The following compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.040 (0.05), 2-Hexanone 0.056 (0.1), 4-Methyl-2-pentanone 0.083 (0.1), Acetone 0.023 (0.1), Methyl ethyl ketone 0.037 (0.1), Methylacetate 0.058 (0.1)

The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM17/0403_08-VT-S0401):

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.

99% of target compounds met criteria.



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Project Narrative

April 12, 2019

SDG I.D.: GCC81351

VOA Narration

The following compounds did not meet % deviation criteria: Bromomethane 31%L (30%)

The following compounds did not meet maximum % deviations: None.

The following compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.268 (0.3), 1,2-Dibromo-3-chloropropane 0.043 (0.05)

The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 473253 (CC80158)

CC81351

All LCS recoveries were within 70 - 130 with the following exceptions: 1,4-dioxane(135%), Bromomethane(66%)

All LCSD recoveries were within 70 - 130 with the following exceptions: Bromomethane(59%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

Batch 474375 (CC91930)

CC81352, CC81353, CC81354, CC81355

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: Bromomethane(142%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

Batch 474381 (CC79711)

CC81353

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

Temperature Narration

The samples in this delivery group were received at 1.2°C.

(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



Environmental Laboratories, Inc.
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NY Temperature Narration

April 12, 2019

SDG I.D.: GCC81351

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

