Report. HW. 360104. 2022-01-02. Sept-2021_supply-Well_WTS_Result

ALTA Environmental Corp.
121 Broadway, Colchester, Connecticut 06415
Phone: (860) 537-2582, Fax: (860) 537-8374

12 January 2022
File No. 1064-01

Finch's Country Store
4 Bedford-Banksville Road
North Castle, NY 10506

Attention: Mr. Michael Gjini

Re: September 2021 Water Supply Well and Water Treatment System Monitoring Results

Dear Mr. Gjini:

The water supply serving Finch's Country Store is currently treated with two in-line sediment filters and a Hallett ultraviolet (UV) disinfection system, referred to herein as your treatment system. Please note that the treatment system serving the store appears to be designed to remove particulate matter and eliminate bacteria from the water supply. This type of treatment system is not designed to remove volatile organic compounds (VOCs). As such, water quality samples collected from before or after the treatment system should be considered as representative of the quality of the store's drinking water supply with respect to VOCs.

On 22 September 2021, ALTA Environmental Corporation (ALTA) personnel collected a sample of the untreated ("Raw") water from the store after letting the tap run for approximately 28 minutes. A copy of ALTA's Residential Sampling Record Form is attached. The water sample was placed into laboratory-provided sample containers, which contained the appropriate preservative for samples intended for VOCs analysis. The sample was placed on ice and kept chilled until delivery to a laboratory that is accredited pursuant to New York State Department of Health (NYS DOH) Environmental Laboratory Accreditation Program for the requested analyses. Specifically, the raw water sample was submitted to Phoenix Environmental Laboratories, Inc. (Phoenix, NY Registration #11301) for analysis for VOCs by Environmental Protection Agency (EPA) Method 524. 2. The testing was performed in general conformance with the Connecticut Department of Energy & Environmental Protection (DEEP) "*Reasonable Confidence Protocols*" (RCP), although the requested analyses are not technically RCP methods. The laboratory report is attached along with ALTA's Data Quality Assurance/Data Usability Evaluation (DQA/DUE) forms. Laboratory results are summarized below:

Sample Location	Compound	Concentration (µg/l)	NYS Regulatory Limit (µg/l)
Raw (untreated)	cis-1,2-dichloroethene (cis-1,2-DCE)	0.57	5

Notes:

Raw – untreated water sample collected before the UV disinfection system and sediment filters
(µg/l) – micrograms per liter

The concentration of cis-1,2-DCE detected in the sample of the untreated ("Raw") water from before the treatment system is below the NYS DOH Part 5 Maximum Contaminant Level (MCL) Drinking Water Standards

(DWS) for these compounds, and generally consistent with past testing results. Part 5 does not have compound-specific DWS for cis-1,2-DCE, but this compound falls under the definition of a "Principal Organic Compound" (POC) for which the DWS is 5 µg/l for each individual compound. No further action other than routine monitoring is warranted at this time, which will be scheduled for March 2022.

If you have questions regarding these results, please do not hesitate to contact the undersigned.

Sincerely yours,
ALTA Environmental Corporation

Brian A. Straub
Staff Scientist

Evan J. Glass
President

Attachments: ALTA's Residential Sampling Record Form
Phoenix Report GCJ34944, with ALTA DQA/DUE Forms

c: David A. Crosby, NYS Department of Environmental Conservation
George Momberger, NYS Department of Environmental Conservation
Carlos Torres, Westchester County Department of Health
Guy Sutton, Esq.

L1064 Finch (Sep 2021)

ALTA Environmental Corporation
RESIDENTIAL SAMPLING RECORD FORM

FILE NO.	1064	CLIENT:	NYSSC
SAMPLING DATE:	9/22/21	PROJECT:	Residential drinking water sample
FIELD PERSONNEL:	B Strauss	LOCATION:	4 Bedford-Banksville Road Bedford NY

WEATHER — Temp (deg F) <20 - 20 - 30 - 40 - 50 - 60 - 70 - 80 - 90 - >90

			WIND CONDITIONS		GROUND SURFACE CONDITIONS	
Sunny	Overcast	Dry				
Partly cloudy	Heavy Clouds	Slightly humid	None to Little	Mod. to Heavy	Dry	Standing Water
Rain (Light/Heavy)		Mod. humid	Little to Mod.		Damp	Snow:____ inches
Sleet (Light/Heavy)		Very humid	Steady	Variable	Wet	Other:____
Snow (Light/Heavy)			Direction From:____			

WATER SAMPLING INFORMATION (a)

SAMPLE LOCATION/ DESIGNATION	SAMPLING LOCATION/ FLOWRATE & TIMES	TIME	SAMPLE DESCRIPTION/ COMMENTS	SAMPLING DEVICE	CONTAINERS
4 BB Road Raw	Purging Started:	1050	Pressure Tank	Gloved Hand	VOC's
	Purging Stopped:	1118			
	Sample:	1118			
	Purging Started:				
	Purging Stopped:				
	Sample:				
	Purging Started:				
	Purging Stopped:				
	Sample:				
	Purging Started:				
	Purging Stopped:				
	Sample:				
	Purging Started:				
	Purging Stopped:				
	Sample:				
	Purging Started:				
	Purging Stopped:				
	Sample:				

REMARKS:
Sample collected at well in basement
— H_2O leaking from small sediment filter housing — improperly installed — steady drip — and condensation on cold H_2O pipes

Notes:
a. All non-disposable sampling devices are cleaned using the following sequence, unless otherwise noted: non-phosphate detergent wash, tap water rinse, methanol wipe or rinse, distilled or deionized water rinse, paper towel or air dry.

PHOENIX
Environmental Laboratories, Inc.

Friday, October 01, 2021

Attn: Brian Straub
ALTA Environmental
121 Broadway
Colchester, CT 06415

Project ID: NSSC C10641
SDG ID: GCJ34944
Sample ID#s: CJ34944

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

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

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

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

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

October 01, 2021

SDG I.D.: GCJ34944

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524 Analysis:
1,2,3 Trichloropropane does not meet NY TOGS GA criteria, this compound is analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

October 01, 2021

SDG I.D.: GCJ34944

Project ID: NSSC C10641

Client Id	Lab Id	Matrix
4 BB RAW	CJ34944	DRINKING WATER

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2021

FOR: Attn: Brian Straub
ALTA Environmental
121 Broadway
Colchester, CT 06415

Sample Information		Custody Information		Date	Time
Matrix:	DRINKING WATER	Collected by:	BS	09/22/21	11:18
Location Code:	ALTAENV	Received by:	SW	09/22/21	17:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ34944
Phoenix ID: CJ34944

Project ID: NSSC C10641
Client ID: 4 BB RAW

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1,1-Trichloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1,2-Trichloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1,2-Trichlorotrifluoroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	1
1,1-Dichloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1-Dichloroethene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,1-Dichloropropene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2,3-Trichlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	09/27/21	HM	E524.2	
1,2,4-Trichlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2-Dichlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2-Dichloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,2-Dichloropropane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,3-Dichlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,3-Dichloropropane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
1,4-Dichlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
2,2-Dichloropropane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
2-Chlorotoluene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
4-Chlorotoluene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
Benzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
Bromobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
Bromochloromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	
Bromodichloromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2	

Ver 1

Project ID: NSSC C10641
Client ID: 4 BB RAW

Phoenix I.D.: CJ34944

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bromoform	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Bromomethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Carbon tetrachloride	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Chlorobenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Chloroethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Chloroform	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Chloromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
cis-1,2-Dichloroethene	0.57	0.50	ug/L	1	09/27/21	HM	E524.2
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/27/21	HM	E524.2
Dibromochloromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Dibromomethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Dichlorodifluoromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Ethylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Hexachlorobutadiene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Isopropylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
m&p-Xylene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Methyl t-butyl ether (MTBE)	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Methylene chloride	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Naphthalene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
n-Butylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
n-Propylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
o-Xylene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
p-Isopropyltoluene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
sec-Butylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Styrene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
tert-Butylbenzene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Tetrachloroethene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Toluene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Total 1,3-Dichloropropene	ND	0.40	ug/L	1	09/27/21	HM	E524.2
Total Trihalomethanes	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Total Xylenes	ND	0.50	ug/L	1	09/27/21	HM	E524.2
trans-1,2-Dichloroethene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/27/21	HM	E524.2
Trichloroethene	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Trichlorofluoromethane	ND	0.50	ug/L	1	09/27/21	HM	E524.2
Vinyl chloride	ND	0.50	ug/L	1	09/27/21	HM	E524.2
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	09/27/21	HM	70 - 130 %
% Bromofluorobenzene	99		%	1	09/27/21	HM	70 - 130 %
Volatile Library Search	Completed				09/30/21	HM	

Project ID: NSSC C10641
Client ID: 4 BB RAW

Phoenix I.D.: CJ34944

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
October 01, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

4 BB RAW

Lab Name: Phoenix Environmental Labs   Client: ALTAENV

Lab Code: Phoenix   Case No.: ______   SAS No.: ______   SDG No.: GCJ34944

Matrix:(soil/water) DRINKING WATER   Lab Sample ID: CJ34944

Sample wt/vol: 5 (g/mL) mL   Lab File ID: 0927_19.D

Level: (low/med) ______   Date Received: 09/22/21

% Moisture: not dec. 100   Date Analyzed: 09/27/21

GC Column: RTX-VMS   ID: 0.18mm   Dilution Factor: 1

Purge Volume: 5000 (uL)   Soil Aliquot Vol (uL): n.a.

CONCENTRATION UNITS:
Number TICs found: 0   (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 01, 2021

QA/QC Data

SDG I.D.: GCJ34944

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 593846 (ug/L), QC Sample No: CJ34561 (CJ34944)										
Volatiles - Drinking Water										
1,1,1,2-Tetrachloroethane	ND	0.50	103	105	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	0.50	103	106	2.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	106	5.8				70 - 130	30
1,1,2-Trichloroethane	ND	0.50	99	104	4.9				70 - 130	30
1,1-Dichloroethane	ND	0.50	101	103	2.0				70 - 130	30
1,1-Dichloroethene	ND	0.50	95	99	4.1				70 - 130	30
1,1-Dichloropropene	ND	0.40	100	103	3.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	0.50	100	107	6.8				70 - 130	30
1,2,3-Trichloropropane	ND	0.50	106	110	3.7				70 - 130	30
1,2,4-Trichlorobenzene	ND	0.50	99	102	3.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	0.50	98	101	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	0.50	100	104	3.9				70 - 130	30
1,2-Dichloroethane	ND	0.50	103	107	3.8				70 - 130	30
1,2-Dichloropropane	ND	0.50	97	103	6.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	0.50	100	103	3.0				70 - 130	30
1,3-Dichlorobenzene	ND	0.50	100	103	3.0				70 - 130	30
1,3-Dichloropropane	ND	0.50	101	107	5.8				70 - 130	30
1,4-Dichlorobenzene	ND	0.50	98	102	4.0				70 - 130	30
2,2-Dichloropropane	ND	0.50	105	106	0.9				70 - 130	30
2-Chlorotoluene	ND	0.50	101	106	4.8				70 - 130	30
4-Chlorotoluene	ND	0.50	100	105	4.9				70 - 130	30
Benzene	ND	0.50	100	104	3.9				70 - 130	30
Bromobenzene	ND	0.50	102	105	2.9				70 - 130	30
Bromochloromethane	ND	0.50	99	103	4.0				70 - 130	30
Bromodichloromethane	ND	0.50	101	104	2.9				70 - 130	30
Bromoform	ND	0.50	103	109	5.7				70 - 130	30
Bromomethane	ND	0.50	98	101	3.0				70 - 130	30
Carbon tetrachloride	ND	0.50	120	123	2.5				70 - 130	30
Chlorobenzene	ND	0.50	99	101	2.0				70 - 130	30
Chloroethane	ND	0.50	102	104	1.9				70 - 130	30
Chloroform	ND	0.50	103	106	2.9				70 - 130	30
Chloromethane	ND	0.50	97	102	5.0				70 - 130	30
cis-1,2-Dichloroethene	ND	0.50	97	102	5.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	97	100	3.0				70 - 130	30
Dibromochloromethane	ND	0.50	100	104	3.9				70 - 130	30
Dibromomethane	ND	0.50	103	108	4.7				70 - 130	30
Dichlorodifluoromethane	ND	0.50	105	108	2.8				70 - 130	30
Ethylbenzene	ND	0.50	104	108	3.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	99	104	4.9				70 - 130	30
Isopropylbenzene	ND	0.50	103	104	1.0				70 - 130	30
m&p-Xylene	ND	0.50	105	107	1.9				70 - 130	30

QA/QC Data

SDG I.D.: GCJ34944

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	0.50	100	105	4.9				70 - 130	30
Methylene chloride	ND	0.50	88	91	3.4				70 - 130	30
Naphthalene	ND	0.50	99	105	5.9				70 - 130	30
n-Butylbenzene	ND	0.50	103	106	2.9				70 - 130	30
n-Propylbenzene	ND	0.50	102	105	2.9				70 - 130	30
o-Xylene	ND	0.50	99	101	2.0				70 - 130	30
p-Isopropyltoluene	ND	0.50	100	103	3.0				70 - 130	30
sec-Butylbenzene	ND	0.50	100	102	2.0				70 - 130	30
Styrene	ND	0.50	102	106	3.8				70 - 130	30
tert-Butylbenzene	ND	0.50	98	101	3.0				70 - 130	30
Tetrachloroethene	ND	0.50	98	101	3.0				70 - 130	30
Toluene	ND	0.50	101	104	2.9				70 - 130	30
trans-1,2-Dichloroethene	ND	0.50	97	99	2.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	100	103	3.0				70 - 130	30
Trichloroethene	ND	0.50	100	102	2.0				70 - 130	30
Trichlorofluoromethane	ND	0.50	103	107	3.8				70 - 130	30
Trichlorotrifluoroethane	ND	0.50	91	93	2.2				70 - 130	30
Vinyl chloride	ND	0.50	99	106	6.8				70 - 130	30
% 1,2-dichlorobenzene-d4	93	%	104	104	0.0				70 - 130	30
% Bromofluorobenzene	96	%	102	101	1.0				70 - 130	30

Comment:

This batch consists of a blank, LCS and LCSD.

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
October 01, 2021

Friday, October 01, 2021
Criteria: NY: DW, GW
State: NY

Sample Criteria Exceedances Report

GCJ34944 - ALTAENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ34944	$524WMR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L

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

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. *Client:* ALTA Environmental

Project Location: NSSC C10641 *Project Number:*

Laboratory Sample ID(s): CJ34944 *Sampling Date(s):* 9/22/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) None

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	*VPH and EPH methods only:* Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☑ Yes ☐ No ☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Friday, October 01, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 01, 2021

SDG I.D.: GCJ34944

SDG Comments

The client requested volatiles by 524.2. The RCP narrative is provided at the request of the client.

524 Analysis:
1,2,3 Trichloropropane does not meet the requested criteria, this compound is analyzed by GC/ECD method 504 or 8011 to achieve this criteria

VOA-524

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM21 09/27/21-1 Harry Mullin, Chemist 09/27/21

CJ34944 (1X)

Initial Calibration Evaluation (CHEM21/524_092321):
100% 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.

524 Method Continuing Calibration Verification (CHEM21/0927_03-524_092321):
Internal standard areas were within 70-130% of the initial calibration with the following exceptions: None.
100% of the target compounds met criteria. The following compounds did not meet minimum % 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 593846 (CJ34561) CHEM21 9/27/2021-1

CJ34944(1X)

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.
This batch consists of a blank, LCS and LCSD.

Temperature Narration

The samples were received at 3.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 01, 2021

SDG I.D.: GCJ34944

The samples were received at 3.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☐ ICE ☑ N ☐

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 3.3 °C Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email: BRIAN@ALPHAENV.COM

Customer: ALPHA ENVIRONMENTAL CORP
Address: 127 BROADWAY
COLCHESTER CT 06415

Project: NSSC (1064)
Report to: BRIAN STRAUB
Invoice to: BRIAN STRAUB

Project P.O:
Phone #: (860) 639-6505
Fax #:

Sampler's Signature: Brian Straub Date: 9/22/14

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: VOCs by 524.2	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
34944	4 BB RAW	DW	9/22/14	11:18	X				✓						2
															(2)

Relinquished by:	Accepted by:	Date:	Time:
BRIAN STRAUB		9/22/14	17:11

Comments, Special Requirements or Regulations:
PLEASE PROVIDE LAB QA/QC WITH REP AND LAB CERTIFICATION FORM

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☒ RCP Cert
☒ GW Protection
☐ SW Protection
☒ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☐ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

ALTA ENVIRONMENTAL CORPORATION
LABORATORY DATA QUALITY ASSURANCE/DATA USABILITY EVALUATION FORM

Laboratory Report Number: PHOENIX GC534944

Instructions: Use check mark or "Y" for Yes; N for "No", NA for not applicable; circle and annotate as warranted.

Data Quality Assessment (DQA): General

Was the Laboratory Certification Form (LCF): received? Y; signed? Y; dated? Y;
with Chain of Custody attached? Y; with all questions answered? Y;
and indicating Reasonable Confidence was attained? Y. NOTE: VOCs By 524.2 IS NOT AN RCP METHOD

Were any significant non-conformances indicated with respect to sample temperature, preservation or holding time? N

DQA: Laboratory Report Package

Were results reported for all analyses requested? Y (Note: PM to track this as draft lab reports arrive)
Were reporting limits (RLs) requested on chain and indicated in report? __ Yes; ✓ No
Are concentrations reported only above RLs and are RLs below pertinent RSR-criteria (spot check)? Y
Are results reported on a dry-weight basis (spot check)? ___ Yes; ✓ NA (e.g., water samples)
Were any dilutions factors (DFs) > 1 used? N If so, are RLs below pertinent RSR criteria, or detections for one or more compounds above criterion (spot ck)? ___ Yes ___ No ✓ NA
Were surrogate recoveries within range (spot check)? ✓ Yes; ___ No; ___ NA
Were LCS data reported? ___ Yes; ✓ No, and all within range? ___ Yes; ___ No; ✓ NA
Were continuing calibration data reported? ___ Yes; ✓ No, and all within range? ___ Yes; ___ No; ✓ NA
Were data for lab blanks reported? ✓ Yes; ___ No, and with ND results? ✓ Yes; ___ No; ___ NA
Were data for matrix spike and/or matrix spike dupes reported? ___ Yes; ✓ No,
If so, were the data within range? ___ Yes; ___ No; ✓ NA
Was a narrative included regarding QC non-conformances? ✓ (If yes, address in DUE)
RCP CERTIFICATION REPORT

DQA: Site-Specific QA/QC

Were site-specific matrix spikes/matrix spike dupes. (MS/MSD) run? N If no, address in DUE.
If yes, were recoveries within accepted range? ___ Yes; ___ Yes, with exceptions (address in DUE); ✓ NA
Was RPD w/in accept. range? ___ (<50% RPD for solids; <30% RPD for aqu.); If no, address in DUE; ✓ NA.

Were the following run? equipment blanks N, trip blanks N, other blanks N.
If yes, were any contaminants detected? ___ Yes ___ No ✓ NA If contamination was detected and/or if these blanks were not run, address in DUE.

Were field duplicates run? N If yes, was RPD within accepted range? ___ Yes ___ No ✓ NA
(<50% RPD for solids; <30% RPD for aqueous); If no, address in Data Usability Evaluation

DQA: Explanations and Notes

1,2,3-TRICHLOROPROPANE DOES NOT MEET NYS CRITERIA - NOT CORRECT METHOD
* NOT A CONSTITUENT OF CONCERN (PER ON LAB CERTIFICATION FORM)

Lab #: PHOENIX GCJ34944

Data Usability Evaluation (DUE): Intended Use of the Data

The data are intended for determining compliance with the RSRs __ (check to acknowledge), except if noted otherwise below: TESTING FOR PURGEABLE HALOCARBONS IN H2O VOCS

DUE: Site-Specific QA/QC

If equipment blanks, trip blanks and/or field blanks were not run, any contamination reported for environmental samples is conservatively assumed to derive from the media sampled (i.e., not from cross contamination) ✓ (check to acknowledge), or is in whole or in part attributed to lab contamination (e.g., as associated with detections in lab blanks) ___ (check to acknowledge and explain further)

If field duplicates were not run, the lack of such data for this laboratory package does not adversely affect the usability of the data for its intended purpose, due to the amount and internal consistency of the testing data available for the site (including the available non-project-specific QC data and project-specific QC data that may be available for other samples collected from this site) ✓ (check to acknowledge);
Were field duplicate samples collected for other sampling events at this site? ___ Yes; ✓ No

DUE: Narrative

Evaluation of Common Narrative Comments: (check/circle and annotate as pertinent)

Question No. 4: Addressed in narrative? __ Yes; ✓ No

If yes, some of the QA/QC performance criteria specified in the DEP Reasonable Confidence Protocol documents were not achieved for certain compounds in certain batches of soil samples, and:

A. Laboratory control sample (LCS), MS, MS dupe and/or continuing calibration (CC) is/are high for certain COCs; therefore the results for these compounds may be biased high.
___ Yes (conservative, OK)

B. LCS, MS, MS dupe and/or CC is/are low for certain compounds; therefore the results for these compounds may be biased low. ___ Yes (provide additional information below for each such compound); ___ No

- Of these, based on review of the totality of the soil and/or groundwater quality data available for the site, the compounds listed here are not constituents of concern (COCs) for this site. Therefore, not achieving the QA/QC performance criteria associated with these compounds does not adversely affect the usability of the data for its intended purpose.
  __ check to acknowledge and list compounds here.

- Of these, the compounds listed here are on the list of "Poorly Performing Compounds" (PPCs), in Appendix F to the DEP QA/QC DQA and DUE Guidance Document (May 2009) __ check to acknowledge and list compounds here (may also be listed above);

  Provide additional usability information for COCs with possible low bias.
  ___ (check if NA)

Lab #: PHOENIX GCJ34944

RCP CERTIFICATION FORM

Question No. 6: Addressed in ~~narrative~~? ✓ Yes; __ No

If yes, analysis for subsets of the method-specific analyte lists were requested based on the site-specific Conceptual Site Model developed by the Project Manager. Use of site-specific analytes does not adversely affect the usability of the reported data for its intended purpose.
✓ (check to acknowledge)

RCP CERTIFICATION FORM

Question No. 7: Addressed in ~~narrative~~? ✓ Yes; __ No

If yes, project-specific QC testing was not requested (i.e., MS/MSD). Given the amount and internal consistency of the testing data available for the site, the lack of such data for this laboratory package does not adversely affect the usability of the data for its intended purpose.
✓ (check to acknowledge)

Other Questions addressed in ~~narrative~~? ✓ Yes; __ No (provide additional information below)

RCP FORM

5B. - 1,2,3-TRICHLOROPROPANE DOES NOT MEET CRITERIA FOR 524.2 METHOD - NOT A CONSTITUENT OF CONCERN - THIS COMPOUND NEVER DETECTED IN PREVIOUS SAMPLES

DUE: Other Notes (e.g., for contamination associated with lab blanks and LCF questions answered "No")

DUE: Conclusions

The data in this package are usable for their intended purpose

✓ Yes __ No

__ Yes, with possible exceptions:

(initial and date): BAS 12/22/21

Resolutions (e.g., for possible exceptions)

(initial and date): _____ _____