PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 18, 2022

Attn: Andrew Donnelly
White Water, Inc.
253B Worcester Road
Charlton, MA 01507

Project ID: REGION 18 SCHOOLS - LYME ST.
SDG ID: GCM62592
Sample ID#s: CM62592

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

Sample Id Cross Reference

October 18, 2022

SDG I.D.: GCM62592

Project ID: REGION 18 SCHOOLS - LYME ST.

Client Id	Lab Id	Matrix
ENTRY POINT	CM62592	DRINKING 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

October 18, 2022

FOR: Attn: Andrew Donnelly
White Water, Inc.
253B Worcester Road
Charlton, MA 01507

Sample Information		Custody Information		Date	Time
Matrix:	DRINKING WATER	Collected by:	PHOENIX	10/14/22	11:00
Location Code:	WHITEWAT	Received by:	LB	10/14/22	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM62592
Phoenix ID: CM62592

Project ID: REGION 18 SCHOOLS - LYME ST.
Client ID: ENTRY POINT

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Volatiles										
1,1,1,2-Tetrachloroethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,1,1-Trichloroethane	ND	0.50	1	ug/L		200		10/15/22	HM	E524.2
1,1,2,2-Tetrachloroethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,1,2-Trichloroethane	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
1,1,2-Trichlorotrifluoroethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,1-Dichloroethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,1-Dichloroethene	ND	0.50	1	ug/L		7		10/15/22	HM	E524.2
1,1-Dichloropropene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,2,3-Trichlorobenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,2,3-Trichloropropane	ND	0.50	1	ug/L	0.05			10/15/22	HM	E524.2
1,2,4-Trichlorobenzene	ND	0.50	1	ug/L		70		10/15/22	HM	E524.2
1,2,4-Trimethylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,2-Dichlorobenzene	ND	0.50	1	ug/L		600		10/15/22	HM	E524.2
1,2-Dichloroethane	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
1,2-Dichloropropane	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
1,3,5-Trimethylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,3-Dichlorobenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,3-Dichloropropane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
1,4-Dichlorobenzene	ND	0.50	1	ug/L		75		10/15/22	HM	E524.2
2,2-Dichloropropane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
2-Chlorotoluene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
4-Chlorotoluene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Benzene	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
Bromobenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Bromochloromethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Bromodichloromethane	1.8	0.50	1	ug/L				10/15/22	HM	E524.2

Project ID: REGION 18 SCHOOLS - LYME ST. Phoenix I.D.: CM62592

Client ID: ENTRY POINT

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Bromoform	2.0	0.50	1	ug/L				10/15/22	HM	E524.2
Bromomethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Carbon tetrachloride	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
Chlorobenzene	ND	0.50	1	ug/L		100		10/15/22	HM	E524.2
Chloroethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Chloroform	0.83	0.50	1	ug/L				10/15/22	HM	E524.2
Chloromethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
cis-1,2-Dichloroethene	ND	0.50	1	ug/L		70		10/15/22	HM	E524.2
cis-1,3-Dichloropropene	ND	0.40	1	ug/L				10/15/22	HM	E524.2
Dibromochloromethane	3.0	0.50	1	ug/L				10/15/22	HM	E524.2
Dibromomethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Dichlorodifluoromethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Ethylbenzene	ND	0.50	1	ug/L		700		10/15/22	HM	E524.2
Hexachlorobutadiene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Isopropylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
m&p-Xylene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Methyl t-butyl ether (MTBE)	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Methylene chloride	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
Naphthalene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
n-Butylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
n-Propylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
o-Xylene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
p-Isopropyltoluene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
sec-Butylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Styrene	ND	0.50	1	ug/L		100		10/15/22	HM	E524.2
tert-Butylbenzene	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Tetrachloroethene	ND	0.50	1	ug/L		5		10/15/22	HM	E524.2
Toluene	ND	0.50	1	ug/L		1000		10/15/22	HM	E524.2
Total 1,3-Dichloropropene	ND	0.40	1	ug/L				10/15/22	HM	E524.2
Total Trihalomethanes	7.63	0.50	1	ug/L		80		10/15/22	HM	E524.2
Total Xylenes	ND	0.50	1	ug/L		10000		10/15/22	HM	E524.2
trans-1,2-Dichloroethene	ND	0.50	1	ug/L		100		10/15/22	HM	E524.2
trans-1,3-Dichloropropene	ND	0.40	1	ug/L				10/15/22	HM	E524.2
Trichloroethene	ND	0.50	1	ug/L	1000	5		10/15/22	HM	E524.2
Trichlorofluoromethane	ND	0.50	1	ug/L				10/15/22	HM	E524.2
Vinyl chloride	ND	0.50	1	ug/L		2		10/15/22	HM	E524.2
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101		1	%	NA	NA	NA	10/15/22	HM	70 - 130 %
% Bromofluorobenzene	101		1	%	NA	NA	NA	10/15/22	HM	70 - 130 %
Volatile Library Search	Completed							10/18/22	HM	

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference

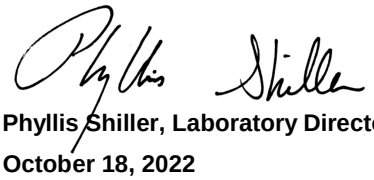
RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal
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:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141 MCLs; CT Public Health Code 19-13-B102. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Action Level (AL): CT Public Health Code 19-13-B102.

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 18, 2022
Reviewed and Released by: Makrina Nolan

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

ENTRY POINT

Lab Name: Phoenix Environmental Labs Client: WHITEWAT

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCM6259

Matrix:(soil/water) DRINKING WATER Lab Sample ID: CM62592

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1014_49.D

Level: (low/med) Date Received: 10/14/22

% Moisture: not dec. 100 Date Analyzed: 10/15/22

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
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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

QA/QC Report

October 18, 2022

QA/QC Data

SDG I.D.: GCM62592

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 647480 (ug/L), QC Sample No: CM61171 (CM62592)										
Volatiles - Drinking Water										
1,1,1,2-Tetrachloroethane	ND	0.50	116	104	10.9				70 - 130	30
1,1,1-Trichloroethane	ND	0.50	111	99	11.4				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	106	95	10.9				70 - 130	30
1,1,2-Trichloroethane	ND	0.50	110	96	13.6				70 - 130	30
1,1-Dichloroethane	ND	0.50	108	96	11.8				70 - 130	30
1,1-Dichloroethene	ND	0.50	108	96	11.8				70 - 130	30
1,1-Dichloropropene	ND	0.40	107	96	10.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	0.50	111	102	8.5				70 - 130	30
1,2,3-Trichloropropane	ND	0.50	107	94	12.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	0.50	109	101	7.6				70 - 130	30
1,2,4-Trimethylbenzene	ND	0.50	109	97	11.7				70 - 130	30
1,2-Dichlorobenzene	ND	0.50	112	99	12.3				70 - 130	30
1,2-Dichloroethane	ND	0.50	106	95	10.9				70 - 130	30
1,2-Dichloropropane	ND	0.50	106	93	13.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	0.50	111	99	11.4				70 - 130	30
1,3-Dichlorobenzene	ND	0.50	112	99	12.3				70 - 130	30
1,3-Dichloropropane	ND	0.50	108	96	11.8				70 - 130	30
1,4-Dichlorobenzene	ND	0.50	111	99	11.4				70 - 130	30
2,2-Dichloropropane	ND	0.50	112	99	12.3				70 - 130	30
2-Chlorotoluene	ND	0.50	114	100	13.1				70 - 130	30
4-Chlorotoluene	ND	0.50	115	102	12.0				70 - 130	30
Benzene	ND	0.50	109	96	12.7				70 - 130	30
Bromobenzene	ND	0.50	114	101	12.1				70 - 130	30
Bromochloromethane	ND	0.50	113	101	11.2				70 - 130	30
Bromodichloromethane	ND	0.50	108	97	10.7				70 - 130	30
Bromoform	ND	0.50	118	106	10.7				70 - 130	30
Bromomethane	ND	0.50	108	95	12.8				70 - 130	30
Carbon tetrachloride	ND	0.50	121	109	10.4				70 - 130	30
Chlorobenzene	ND	0.50	111	98	12.4				70 - 130	30
Chloroethane	ND	0.50	106	94	12.0				70 - 130	30
Chloroform	ND	0.50	110	99	10.5				70 - 130	30
Chloromethane	ND	0.50	105	91	14.3				70 - 130	30
cis-1,2-Dichloroethene	ND	0.50	107	99	7.8				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	107	94	12.9				70 - 130	30
Dibromochloromethane	ND	0.50	115	102	12.0				70 - 130	30
Dibromomethane	ND	0.50	110	98	11.5				70 - 130	30
Dichlorodifluoromethane	ND	0.50	97	86	12.0				70 - 130	30
Ethylbenzene	ND	0.50	113	100	12.2				70 - 130	30
Hexachlorobutadiene	ND	0.40	109	94	14.8				70 - 130	30
Isopropylbenzene	ND	0.50	111	99	11.4				70 - 130	30
m&p-Xylene	ND	0.50	112	99	12.3				70 - 130	30

QA/QC Data

SDG I.D.: GCM62592

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	0.50	103	92	11.3				70 - 130	30
Methylene chloride	ND	0.50	100	87	13.9				70 - 130	30
Naphthalene	ND	0.50	108	98	9.7				70 - 130	30
n-Butylbenzene	ND	0.50	107	95	11.9				70 - 130	30
n-Propylbenzene	ND	0.50	112	101	10.3				70 - 130	30
o-Xylene	ND	0.50	110	97	12.6				70 - 130	30
p-Isopropyltoluene	ND	0.50	109	99	9.6				70 - 130	30
sec-Butylbenzene	ND	0.50	110	98	11.5				70 - 130	30
Styrene	ND	0.50	113	99	13.2				70 - 130	30
tert-Butylbenzene	ND	0.50	110	100	9.5				70 - 130	30
Tetrachloroethene	ND	0.50	115	102	12.0				70 - 130	30
Toluene	ND	0.50	110	99	10.5				70 - 130	30
trans-1,2-Dichloroethene	ND	0.50	109	97	11.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	108	96	11.8				70 - 130	30
Trichloroethene	ND	0.50	112	102	9.3				70 - 130	30
Trichlorofluoromethane	ND	0.50	107	96	10.8				70 - 130	30
Trichlorotrifluoroethane	ND	0.50	104	93	11.2				70 - 130	30
Vinyl chloride	ND	0.50	107	94	12.9				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	106	105	0.9				70 - 130	30
% Bromofluorobenzene	99	%	101	101	0.0				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 18, 2022

Tuesday, October 18, 2022

Criteria: CT: DW

State: CT

Sample Criteria Exceedances Report

GCM62592 - WHITEWAT

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.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

October 18, 2022 SDG I.D.: GCM62592

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] N [ ]
Temp 3.2 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

CHESTER - QT
Chlorinated System
PO #:
PWS #: CT1050492

Customer: Regional School District 18 (WHITEWAT)
Address: 4 Davis Road West
City, State Zip: Old Lyme, CT 06371-2334

Report To: John A. Rhodes
Invoice To: John A. Rhodes
Ph / Fax: 860-434-8182 / 860-434-4412

PWS Project: **Region 18 Schools - Lyme Street 10-01-22 / 12-31-22 (QT)**
PWS Address: 69 LYME STREET, OLD LYME
PWS Phone: John A. Rhodes 860-434-8182

Client Sample - Information - Identification

Sampler's Signature [signature] Date 10.14.22

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=other
GW=groundwater **SL**=sludge **A**=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Organic Chemicals	Residual Chlorine	Sample Type	WSFID	Duration	Repeat Location	40ml VOA Vial HCL (w ascorbic acid)
62592	ENTRY POINT	DW	10.14.22	11:00	X	RT	00700	QT		3	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/14/22	14:40

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] Standard
- [ ] Other

* Surcharge Applies

Sample Type: RT-Compliance Routine, RP-Repeat, SP-Special, O-Other

Sampling Point ID: Assigned by DWD or 4-Generic Distribution, 3- Entry Point, 2- Raw Well

WSFID: Assigned or 00600-Distribution, 00700-Entry Point

Duration: M-Monthly, Q-Quarterly, A-Annual, 3-Triannual, Y-Yearly

Repeat Location: OR-Original, DN-Downstream, UP-Upstream, OT-Other

Comments, Special Requirements or Regulations:

Numerical Value Needed for Chlorine Residual