



Tuesday, August 15, 2023

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

Project ID: STERLING WATER SYSTEM
SDG ID: GCO72768
Sample ID#s: CO72768 - CO72769

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

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

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

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

Sincerely yours,

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

Phyllis Shiller

Laboratory Director

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

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



Environmental Laboratories, Inc.

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

Sample Id Cross Reference

August 15, 2023

SDG I.D.: GCO72768

Project ID: STERLING WATER SYSTEM

Client Id	Lab Id	Matrix
251 STERLING	CO72768	DRINKING WATER
WELL 1A	CO72769	DRINKING WATER



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Analysis Report

August 15, 2023

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

Sample Information

Matrix: DRINKING WATER
Location Code: WHITEWAT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/11/23
08/11/23

Time

8:48
12:35

Laboratory Data

SDG ID: GCO72768
Phoenix ID: CO72768

Project ID: STERLING WATER SYSTEM
Client ID: 251 STERLING

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Escherichia Coli	Absent	0	1	/100 mls		0		08/11/23 16:00	PK/KDB	SM9223B-04
Total Coliforms	Absent	0	1	/100 mls		0		08/11/23 16:00	PK/KDB	SM9223B-04
Color, Apparent	< 1	1	1	Color Units	15		15	08/11/23 22:25	MW	SM2120B-11
Odor at Room Temperature	< 1	1	1	T.O.N.	2		3	08/11/23 22:27	MW	SM2150B-97
pH	7.34	1.00	1	pH Units			6.5-8.5	08/12/23 00:20	MW/EG	SM4500-H B-11
Turbidity	< 0.20	0.20	1	NTU	5		5	08/11/23 22:28	MW	SM2130B-11
Chlorine Residual	0.06	0.01	1	mg/L		4		08/11/23 08:48	*	SM4500Cl-G-00

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

Comments:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141 MCLs; 40 CFR Part 141 MRDLs. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

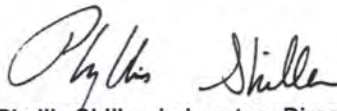
Action Level (AL): CT Public Health Code 19-13-B102.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141 Monitoring; 40 CFR Part 143 Secondary Goals. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Bacteria Analysis Comment: This sample was treated for chlorine at time of sample collection with sodium thiosulfate.

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Phyllis Shiller, Laboratory Director

August 15, 2023

Reviewed and Released by: Makrina Nolan



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Analysis Report

August 15, 2023

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

Sample Information

Matrix: DRINKING WATER
Location Code: WHITEWAT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/11/23
08/11/23

Time

9:05
12:35

Laboratory Data

SDG ID: GCO72768
Phoenix ID: CO72769

Project ID: STERLING WATER SYSTEM
Client ID: WELL 1A

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Escherichia Coli	Absent	0	1	/100 mls		0		08/11/23 16:00	PK/KDB	SM9223B-04
Total Coliforms	Absent	0	1	/100 mls		0		08/11/23 16:00	PK/KDB	SM9223B-04
Chlorine Residual	ND	0.01	1	mg/L		4		08/11/23 09:05	*	SM4500CI-G-00

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

Comments:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141 MCLs; 40 CFR Part 141 MRDLs. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Bacteria Analysis Comment: This sample was treated for chlorine at time of sample collection with sodium thiosulfate.

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

August 15, 2023

Reviewed and Released by: Makrina Nolan



Environmental Laboratories, Inc.

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Tel. (860) 645-1102

QA/QC Report

August 15, 2023

QA/QC Data

SDG I.D.: GCO72768

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 692096 (NTU), QC Sample No: CO72666 (CO72768)													
Turbidity	BRL	0.20	3.0	3.0	0	102						85 - 115	20
QA/QC Batch 692153 (pH), QC Sample No: CO72667 (CO72768)													
pH			7.56	7.62	0.80	98.0						85 - 115	20

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
August 15, 2023

Tuesday, August 15, 2023

Criteria: CT: DW

State: CT

Sample Criteria Exceedances Report
GCO72768 - 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 exceedances. 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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Analysis Comments

August 15, 2023

SDG I.D.: GCO72768

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



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

PO #:

Coolant: Cooler: ^{1.5} Yes ☒ No ☐
IPK ☒ ICE ☐
Temp Pg of

JAMES - MN

Chlorinated System

PWS #: CT1360011

Customer: Town of Sterling (WHITEWAT)

Report To: Russell M. Gray

PWS Project: Sterling Water System 08-01-23 / 08-31-23 (MN)

Address: 1114 Plainfield Parkway, P.O. Box 157

Invoice To: Russell M. Gray

PWS Address: 1114 Plainfield Parkway, STERLING

City, State Zip: Oneco, CT 06373-0157

Ph / Fax: 860-564-2904 / 860-564-1660

PWS Phone: Russell M. Gray 860-564-2904

Client Sample - Information - Identification

Sampler's Signature _____ Date _____

Matrix Code:

DW=drinking water
GW=groundwater

WW=wastewater
SL=sludge

S=soil/solid
A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	E-Coli	Total Coliform	Physical Parameters	Residual Chlorine	Sample Type	WSFID	Duration	Repeat Location	Backflow/Thio	Pl. As is 250ml
72268	251 Sterling	DW	8/11	0848	X	X		06	RT	00600	MN	1	1	
	WELL 2	DW			X				RT	1118	MN	1		
	WELL 2	DW			X				RT	1119	MN	1		
72269	WELL 1A	DW		0905	X			00	RT	57297	MN	1		

Relinquished by:

Accepted by:

Date:

Time:

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:

sample yearly too!

Numerical Value Needed for Chlorine Residual

(00600): Workroom 1202f [COM-SCH-RM1], Faculty Wr 1104 [COM-SCH-RM2], Nurse Office [COM-SCH-RM3], Within 5 Service Con [DOWNSTREAM], 10 Exeter Drive [SWS-10ED], 131 Main St [SWS-131MS], 18 Sterling Ridge Dr [SWS-18SRL], 251 Sterling Rd [SWS-251SR], 303 Sterling Rd [SWS-303SR], Post Office Bath [SWS-347R], 347 Sterling Rd [SWS-347SR], 41 Main St [SWS-41MS], 50 Main Street [SWS-50MS], 91 Main St [SWS-91MS], Within 5 Service Con [UPSTREAM]



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Analysis Report

September 06, 2023

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

Sample Information

Matrix: DRINKING WATER
Location Code: WHITEWAT
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

08/24/23
08/25/23

Time

7:00
14:15

Laboratory Data

SDG ID: GCO83186
Phoenix ID: CO83188

Project ID: STERLING
Client ID: 251 STERLING RD

Parameter	Result	RL/ PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Copper	0.028	0.005	1	mg/L	1.3		1	08/31/23	MGH	E200.8
Lead	< 0.0005	0.0005	1	mg/L	0.015			08/31/23	MGH	E200.8

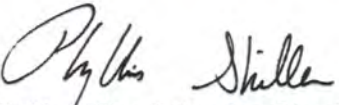
RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant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

Comments:

Action Level (AL): 40 CFR Part 141.80 Lead & Copper ALs.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 143 Secondary Goals; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director
September 06, 2023

Reviewed and Released by: Makrina Nolan