

Date: 9/20/2022

**State of Connecticut DEEP**

**Subsurface Disposal Section**

**Bureau of Materials Management & Compliance Assistance**

**79 Elm Street, Hartford, CT 06106**

**RE:** Old Lyme Regional School District No. 18 Wastewater Treatment Facility

Permit ID# UI0000393

Facility ID#

To Whom This May Concern:

WhiteWater respectfully submits the Monthly Monitoring Report on behalf of the Old Lyme Regional School District No. 18 Wastewater Treatment Facility for the month of August 2022



Region 18 Schools WWTP complied with all DEEP permit limits for this month.



Region 18 Schools WWTP did not comply with all DEEP required permit limits for this month.  
Please see page 2 for explanation.

Please distribute to the proper departments as necessary. If you have any questions or comments about this report, please contact me at (888) 377-7678.

Sincerely,



Robert Wittenzellner

Connecticut Water & Wastewater Manager

WhiteWater Inc.

COMMENTS

Facility: Region 18 - Old Lyme High School						Pretreatment Monthly Monitoring Report																		Month:		August					Year:	2022				
Town: Old Lyme		Contact: Robert Wittenzellner					Operator: Tim Costa								Phone: 888.377.7678						Facility Id: 027-055						Permit #:UI0000393									
Parameter	Units	Monitoring Frequency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG		
Flow:	gpd	Daily	594	1338	1338	1986	1986	806	806	806	1327	1327	54	54	1741	1741	1741	371	371	2014	2014	781	781	781	781	1826	3068	3068	1410	1410	1410	4325	4325	1496		
Max day	gpd	Daily																																4325		
Min daily	gpd	Daily																																54		
Influent:																																				
BOD (5-day)	mg/l	Twice/month										38														65								52		
Total Kjeldahl Nitrogen	mg/l	Weekly			70							60.7							58							67.4						120	75			
Total Suspended Solids	mg/l	Twice/month										38														58								48		
Intermediate Process:																																				
Alkalinity	mg/l	Weekly			710							840							940							720						650	772			
pH	S.U.	Weekly			7.62							8.05							8.10							8.38						7.94	8.0			
Temperature	° F	Weekly			84.0							81.7							79.5							87.3						82.9	83			
Effluent:																																				
BOD (5-day)	mg/l	Twice/month										<4														<4							#DIV/0!			
Fecal Coliform	col/100 ml	Twice/month										<2														34.0							34.0			
Total Suspended Solids	mg/l	Twice/month										6														6.7							6.4			
Total Kjeldahl Nitrogen	mg/l	Twice/month										0.8														1.19							1.0			
Total Nitrogen	mg/l	Twice/month										1.34														2.72							2.0			
Nitrate	mg/l	Twice/month										0.5														1.53							1.0			
Nitrite	mg/l	Twice/month										<0.010														<0.010							#DIV/0!			
Ammonia	mg/l	Twice/month										0.07														<0.05							0.1			
Total Phosphorus	mg/l	Twice/month										0.5														0.34							0.4			
pH	S.U.	Weekly			7.58							7.95							8.21							7.95						7.89	7.9			

Statement of Acknowledgment

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: Robert Wittenzellner

Signature: 

Title: Connecticut Water & Wastewater Manger

Date: 9/15/2022

TABLE D

Onsite Wastewater Renovation System Quarterly Monitoring Report											Year: <u>2022</u>			
Facility: Region 18 - Old Lyme High School			Contact: Tim Costa				Facility ID: 027-055			Discharge Serial No.: 301-2				
Town: Old Lyme			Phone #: (888) 377-7678				Permit #: UI0000393			Monitoring Location: 8				
Inspection, monitoring or maintenance requirements	Monitoring frequency	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>Parameters</b>														
Pump out grease trap(s).	Quarterly			x			x							
Mechanical inspection of pump station(s).	Monthly	x	x	x	x	x	x	x	x					
Pump out pump chamber(s).	Annually													
Pump out trash trap(s).	Annually													
Water Meter readings of water usage.	Monthly	x	x	x	x	x	x	x	x					
Visual inspection of Zenon system.	Monthly	x	x	x	x	x	x	x	x					
Visual inspection of distribution chamber(s).	Monthly	x	x	x	x	x	x	x	x					
Mechanical inspection of blower(s).	Monthly	x	x	x	x	x	x	x	x					
Mechanical inspection of Ethanol feed system.	Monthly	x	x	x	x	x	x	x	x					
Visual inspection of UV-disinfection system.	Monthly	x	x	x	x	x	x	x	x					
Visual inspection of surface conditions of leaching field.	Quarterly			x			x							
Depth of ponding in leaching field.	Quarterly			x			x							
Mow grass over leaching field.	Three Times per Year (minimum)			x			x							
<p>Note: Indicate completion of required activity with an "X" in the appropriate space or write in the value of the reading (e.g. - water meter readings of water usage: 22106.7 gallons per day (gpd)).</p> <p>Note: The _____ Sanitarian shall be notified at least one week prior to pumping of septic tanks and grease traps.</p> <p>Verification of all pump outs shall be attached to the monitoring report and a copy of the report shall be sent to the _____ Director of Health.</p>														

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Authorized Official: Robert Wittenzellner      Signature: Robert Wittenzellner      Title: Connecticut Water & wastewater Manager      Date: 9/15/2022

SITE: Old Lyme High School (Region 18)

MONTH: August

YEAR: 2022

DATE	MLSS	EQ	TRASH TRAP	OTHER (Skimming Etc)	Hauler
	<i>Gallons</i>	<i>Gallons</i>	<i>Gallons</i>	<i>Gallons</i>	
1/24/2022	5,000	-	-	-	Wind River Environmental
Feb.	-	-	-	-	No Pumping
3/17/2022	5,000	-	-	-	Wind River Environmental - Sludge
Apr.	-	-	-	-	No Pumping
May.	-	-	-	-	No Pumping
Jun.	-	-	-	-	No Pumping
Jul.	-	-	-	-	No Pumping
TOTALS	10,000	0	0	0	
TOTALS HAULING		10,000			

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TABLE G

Groundwater Monitoring Report									
								Year:	2022
Facility: Region 18 - Old Lyme High School		Contact: Tim Costa				Facility ID: 105-021			
Town: Old Lyme		Phone #: (888) 377-7678				Permit #: UI0000393			
Discharge Serial No. : 301-A Monitoring Location : W - downgradient Groundwater Monitoring Well No.: MW2									
Parameter	Units		Feb		May		Aug		Nov
Coliform, Fecal	col/100 ml		Collapsed		Collapsed		Collapsed		
Groundwater Depth	Ft, in		Collapsed		Collapsed		Collapsed		
Nitrogen, Ammonia	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Nitrate	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Nitrite	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Total Kjeldahl	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Total	mg/l		Collapsed		Collapsed		Collapsed		
pH	S.U.		Collapsed		Collapsed		Collapsed		
Phosphorus, Total Dissolved	mg/l		Collapsed		Collapsed		Collapsed		

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I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: Robert Wittenzellner      Signature:       Connecticut  
 Title: Water & Wastewater Manager      Date: 9/15/2022

TABLE G

Groundwater Monitoring Report									
								<b>Year: 2022</b>	
Facility: Region 18 - Old Lyme High School		Contact: Tim Costa				Facility ID: 105-021			
Town: Old Lyme		Phone #: (888) 377-7678				Permit #: UI0000393			
Discharge Serial No. : 301-A Monitoring Location : W - downgradient Groundwater Monitoring Well No.: MW1									
Parameter	Units		Feb		May		Aug		Nov
Coliform, Fecal	col/100 ml		Collapsed		Collapsed		Collapsed		
Groundwater Depth	Ft, in		Collapsed		Collapsed		Collapsed		
Nitrogen, Ammonia	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Nitrate	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Nitrite	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Total Kjeldahl	mg/l		Collapsed		Collapsed		Collapsed		
Nitrogen, Total	mg/l		Collapsed		Collapsed		Collapsed		
pH	S.U.		Collapsed		Collapsed		Collapsed		
Phosphorus, Total Dissolved	mg/l		Collapsed		Collapsed		Collapsed		

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I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: Robert Wittenzellner	Signature: 	Connecticut Title: Water & Wastewater Manager	Date: 9/15/2022
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Tuesday, August 09, 2022

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

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
SDG ID: GCL97110  
Sample ID#s: CL97110 - CL97111

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 09, 2022

SDG I.D.: GCL97110

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT

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Client Id	Lab Id	Matrix
INFLUENT	CL97110	WASTE WATER
PROCESS TANK (MLSS)	CL97111	WASTE 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

August 09, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/03/22  
08/03/22

### Time

9:35  
15:35

## Laboratory Data

SDG ID: GCL97110  
Phoenix ID: CL97110

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
Client ID: INFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Nitrogen Tot Kjeldahl	70.0	2.00	mg/L	20	08/06/22	KDB	E351.1

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### 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

August 09, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

August 09, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/03/22  
08/03/22

### Time

9:40  
15:35

## Laboratory Data

SDG ID: GCL97110  
Phoenix ID: CL97111

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
Client ID: PROCESS TANK (MLSS)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	710	100	mg/L	5	08/05/22	JR	SM2320B-11
Total Suspended Solids	14000	100	mg/L	20	08/05/22	NR/QH	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 09, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## QA/QC Report

August 09, 2022

### QA/QC Data

SDG I.D.: GCL97110

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 636246 (mg/L), QC Sample No: CL93925 (CL97111)													
Alkalinity-CaCO <sub>3</sub>	BRL	20	590	600	1.70	100						85 - 115	20
QA/QC Batch 636192 (mg/L), QC Sample No: CL97586 (CL97111)													
Total Suspended Solids	BRL	2.5	9.3	8.7	NC	103						85 - 115	20
QA/QC Batch 636183 (mg/L), QC Sample No: CL95887 (CL97110)													
Nitrogen Tot Kjeldahl	BRL	0.10	1.86	1.87	0.50	96.3			102			85 - 115	20


Comment:

TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.

Additional criteria: LCS acceptance range for waters is 85-115% and for soils is 75-125%. MS acceptance range is 75-125%.

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 09, 2022

Tuesday, August 09, 2022

Criteria: None  
State: CT

**Sample Criteria Exceedances Report**  
**GCL97110 - WHITEWAT-WW**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* 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



## Analysis Comments

August 09, 2022

SDG I.D.: GCL97110

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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](mailto:service@phoenixlabs.com) Fax (860) 645-0823  
**Client Services (860) 645-8726**

Cooler: Yes ☒ No ☐  
Coolant: IPK ☒ ICE ☐ No ☐

Temp 2.4 °C Pg      of

**Data Delivery:**

Fax #:

X	Email: <u>see notes below</u>
---	-------------------------------

Customer: White Water Inc  
Address: 253B Worcester Road  
Charlton, MA 01507

Project: Old Lyme Regional #18 School District (Short Week)  
Report to: Andy Donnelly  
Invoice to: Andy Donnelly

PO# \_\_\_\_\_  
Phone #: \_\_\_\_\_  
Fax #: \_\_\_\_\_

### Client Sample - Information - Identification

Sampler's Signature [Signature] Date 8-3-22

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

## Analysis Request

[illegible]

**Relinquished by:**

**Accepted by:**

**Date:** \_\_\_\_\_

**Time:**

**Turnaround:**

- |                          |          |
|--------------------------|----------|
| <input type="checkbox"/> | 1 Day*   |
| <input type="checkbox"/> | 2 Days*  |
| <input type="checkbox"/> | 3 Days*  |
| <input type="checkbox"/> | Standard |
| <input type="checkbox"/> | Other    |

\* Surcharge Applies

## FIELD TESTING RESULTS

INFLUENT: pH 7.41 Alk 246 NO3 \_\_\_\_\_ NH3 \_\_\_\_\_ TP \_\_\_\_\_  
EFFLUENT: pH 7.58 Alk 20 NO3 0.5 NH3 0 TP 1.9  
MIXED LIQ: pH 7.6 Alk 20 NO3 \_\_\_\_\_ NH3 \_\_\_\_\_ TP \_\_\_\_\_

Email results to:  
adonnelly@rhwhite.com  
rwittenzellner@rhwhite.com  
djones@rhwhite.com  
cpaiva@rhwhite.com

Comments, Special Requirements or Regulations:

LOGIN - USE TEMPLATE WWOL2



Saturday, August 20, 2022

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

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)  
SDG ID: GCM01734  
Sample ID#s: CM01734 - CM01737

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.

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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 20, 2022

SDG I.D.: GCM01734

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)

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Client Id	Lab Id	Matrix
INFLUENT	CM01734	WASTE WATER
EFFLUENT	CM01735	WASTE WATER
PROCESS TANK (MLSS)	CM01736	WASTE WATER
EFFLUENT FECAL	CM01737	WASTE 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

August 20, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/10/22  
08/10/22

### Time

7:25  
15:25

## Laboratory Data

SDG ID: GCM01734  
Phoenix ID: CM01734

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)  
Client ID: INFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
B.O.D./5 day	38	11	mg/L	10	08/10/22 15:25	GS/DT	SM 5210B-16
B.O.D./5 day End Incubation					08/15/22 17:11	GS/DT	SM 5210B-16
Nitrogen Tot Kjeldahl	60.7	1.00	mg/L	10	08/13/22	KDB	E351.1
Total Suspended Solids	38	10	mg/L	2	08/11/22	NR/AE	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 20, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

August 20, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/10/22  
08/10/22

### Time

7:40  
15:25

## Laboratory Data

SDG ID: GCM01734  
Phoenix ID: CM01735

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)  
Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	274	20.0	mg/L	1	08/11/22	MW/EG	SM2320B-11
B.O.D./5 day	< 4.0	4.0	mg/L	2	08/10/22 15:25	GS/DT	SM 5210B-16
B.O.D./5 day End Incubation					08/15/22 17:11	GS/DT	SM 5210B-16
Ammonia as Nitrogen	0.07	0.05	mg/L	1	08/12/22	KDB	E350.1
Nitrite-N	< 0.010	0.010	mg/L	1	08/10/22 21:22	ER	E353.2
Nitrate-N	0.50	0.02	mg/L	1	08/10/22 21:22	ER	E353.2
Nitrogen Tot Kjeldahl	0.84	0.10	mg/L	1	08/12/22	KDB	E351.1
Total Organic Carbon	6.7	1.0	mg/L	1	08/18/22	EG	SM5310B-11
Total Nitrogen	1.34	0.10	mg/L	1	08/12/22	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.500	0.010	mg/L	1	08/12/22	MI	SM4500PE-11
Total Suspended Solids	6.0	3.3	mg/L	0.7	08/11/22	AE	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

August 20, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

August 20, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/10/22  
08/10/22

### Time

7:30  
15:25

## Laboratory Data

SDG ID: GCM01734  
Phoenix ID: CM01736

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)  
Client ID: PROCESS TANK (MLSS)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	840	200	mg/L	10	08/15/22	JR	SM2320B-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 20, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

August 20, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/10/22  
08/10/22

### Time

10:00  
15:25

## Laboratory Data

SDG ID: GCM01734  
Phoenix ID: CM01737

Project ID: OLD LYME REGIONAL #18 SCHOOL (LONG)  
Client ID: EFFLUENT FECAL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fecal Coliforms MPN	<2	2	MPN/100 mls	2	08/10/22 17:40	LJ/LJ	Colilert-18

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 20, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## QA/QC Report

August 20, 2022

### QA/QC Data

SDG I.D.: GCM01734

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 638254 (mg/L), QC Sample No: CM01395 (CM01735)													
Total Organic Carbon	BRL	1.0	15.7	15.3	2.60	107			99.0			85 - 115	20
Comment: Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 637029 (mg/L), QC Sample No: CM01444 (CM01735)													
Total Suspended Solids	BRL	2.5	<3.3	<3.3	NC	92.0						85 - 115	20
QA/QC Batch 637061 (mg/L), QC Sample No: CM01629 (CM01735)													
Alkalinity-CaCO <sub>3</sub>	BRL	5.00	61	61	NC	102						85 - 115	20
QA/QC Batch 636928 (mg/L), QC Sample No: CM01657 (CM01734, CM01735)													
B.O.D./5 day	BRL	2.0	<4.0	<4.0	NC	113			101			70 - 130	20
B.O.D./5 day GGA BOD						107						84 - 115	20
QA/QC Batch 637491 (mg/L), QC Sample No: CM01736 (CM01736)													
Alkalinity-CaCO <sub>3</sub>	BRL	20	840	820	2.40	102						85 - 115	20
QA/QC Batch 637307 (mg/L), QC Sample No: CM01740 (CM01735)													
Phosphorus, as P	BRL	0.01	4.31	4.22	2.10	104			98.3			85 - 115	20
Comment: Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 637020 (mg/L), QC Sample No: CM01812 (CM01734)													
Total Suspended Solids	BRL	2.5	17	16	NC	100						85 - 115	20
QA/QC Batch 636989 (mg/L), QC Sample No: CM01579 (CM01735)													
Nitrate-N	BRL	0.02	<0.02	<0.02	NC	101			98.2			90 - 110	20
Nitrite-N	BRL	0.01	0.024	0.02	NC	98.8			102			90 - 110	20
QA/QC Batch 637226 (mg/L), QC Sample No: CL99233 (CM01734)													
Nitrogen Tot Kjeldahl	BRL	0.10	1.18	1.25	5.80	98.0			97.1			85 - 115	20
Comment: TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.													
Additional criteria: LCS acceptance range for waters is 85-115% and for soils is 75-125%. MS acceptance range is 75-125%.													
QA/QC Batch 637137 (mg/L), QC Sample No: CM01116 (CM01735)													
Ammonia as Nitrogen	BRL	0.05	10.3	10.4	1.00	98.1			99.5			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	12.0	12.17	1.40	94.0			100			85 - 115	20
Comment: TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.													

## QA/QC Data

SDG I.D.: GCM01734

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

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



Phyllis Shiller, Laboratory Director  
August 20, 2022

Saturday, August 20, 2022

Criteria: None  
State: CT

Sample Criteria Exceedances Report  
GCM01734 - WHITEWAT-WW

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* 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.**  
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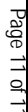
## Analysis Comments

August 20, 2022

SDG I.D.: GCM01734

---

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





Tuesday, August 23, 2022

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

Project ID: OLD LYME REGIONAL #18 SCH DIST SHORT WK  
SDG ID: GCM07540  
Sample ID#s: CM07540 - CM07541

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 23, 2022

SDG I.D.: GCM07540

Project ID: OLD LYME REGIONAL #18 SCH DIST SHORT WK

---

Client Id	Lab Id	Matrix
INFLUENT	CM07540	WASTE WATER
PROCESS TANK (MLSS)	CM07541	WASTE 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

August 23, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/17/22  
08/17/22

### Time

6:20  
15:47

## Laboratory Data

SDG ID: GCM07540  
Phoenix ID: CM07540

Project ID: OLD LYME REGIONAL #18 SCH DIST SHORT WK  
Client ID: INFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Nitrogen Tot Kjeldahl	58.0	2.00	mg/L	20	08/20/22	EG	E351.1

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 23, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

August 23, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/17/22  
08/17/22

### Time

6:15  
15:47

## Laboratory Data

SDG ID: GCM07540  
Phoenix ID: CM07541

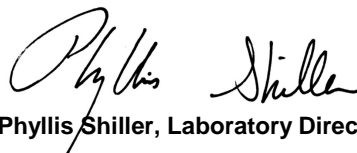
Project ID: OLD LYME REGIONAL #18 SCH DIST SHORT WK  
Client ID: PROCESS TANK (MLSS)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	940	200	mg/L	10	08/19/22	JR	SM2320B-11
Total Suspended Solids	15000	100	mg/L	20	08/18/22	DK	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

August 23, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## QA/QC Report

August 23, 2022

### QA/QC Data

SDG I.D.: GCM07540

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 638297 (mg/L), QC Sample No: CM06014 (CM07541)													
Alkalinity-CaCO <sub>3</sub>	BRL	20	660	670	1.50	102						85 - 115	20
QA/QC Batch 638077 (mg/L), QC Sample No: CM07366 (CM07541)													
Total Suspended Solids	BRL	2.5	<3.3	<3.3	NC	103						85 - 115	20
QA/QC Batch 638360 (mg/L), QC Sample No: CM07551 (CM07540)													
Nitrogen Tot Kjeldahl	BRL	0.10	2.52	2.58	2.40	94.5			95.5			85 - 115	20


Comment:

TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.

Additional criteria: LCS acceptance range for waters is 85-115% and for soils is 75-125%. MS acceptance range is 75-125%.

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 23, 2022

Tuesday, August 23, 2022

Criteria: None  
State: CT

Sample Criteria Exceedances Report  
GCM07540 - WHITEWAT-WW

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

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## Analysis Comments

August 23, 2022

SDG I.D.: GCM07540

---

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





Thursday, September 01, 2022

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

Project ID: OLD LYME REGIONAL #18 SCH DIST LONG WEEK  
SDG ID: GCM13000  
Sample ID#s: CM13000 - CM13002

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.

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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

September 01, 2022

SDG I.D.: GCM13000

Project ID: OLD LYME REGIONAL #18 SCH DIST LONG WEEK

---

Client Id	Lab Id	Matrix
INFLUENT	CM13000	WASTE WATER
EFFLUENT	CM13001	WASTE WATER
PROCESS TANK (MLSS)	CM13002	WASTE 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

September 01, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/24/22  
08/24/22

### Time

10:30  
15:32

## Laboratory Data

SDG ID: GCM13000  
Phoenix ID: CM13000

Project ID: OLD LYME REGIONAL #18 SCH DIST LONG WEEK  
Client ID: INFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
B.O.D./5 day	65	13	mg/L	10	08/24/22 15:32	GS/DT	SM 5210B-16
B.O.D./5 day End Incubation					08/29/22 16:49	GS/DT	SM 5210B-16
Nitrogen Tot Kjeldahl	67.4	1.00	mg/L	10	08/26/22	KDB	E351.1
Total Suspended Solids	58	10	mg/L	2	08/26/22	DK/AE/QHSM2540D-15	

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

September 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

September 01, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/24/22  
08/24/22

### Time

10:40  
15:32

## Laboratory Data

SDG ID: GCM13000  
Phoenix ID: CM13001

Project ID: OLD LYME REGIONAL #18 SCH DIST LONG WEEK  
Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fecal Coliforms MPN	34	2	MPN/100 mls	2	08/24/22 16:55	LJ/LJ	Colilert-18
Alkalinity-CaCO <sub>3</sub>	274	20.0	mg/L	1	08/25/22	R/M/M/KDS	SM2320B-11
B.O.D./5 day	< 4.0	4.0	mg/L	2	08/24/22 15:32	GS/DT	SM 5210B-16
B.O.D./5 day End Incubation					08/29/22 16:49	GS/DT	SM 5210B-16
Ammonia as Nitrogen	< 0.05	0.05	mg/L	1	08/26/22	KDB	E350.1
Nitrite-N	< 0.010	0.010	mg/L	1	08/24/22 21:27	ER	E353.2
Nitrate-N	1.53	0.02	mg/L	1	08/24/22 21:27	ER	E353.2
Nitrogen Tot Kjeldahl	1.19	0.10	mg/L	1	08/26/22	KDB	E351.1
Total Organic Carbon	8.0	1.0	mg/L	1	08/25/22	EG	SM5310B-14
Total Nitrogen	2.72	0.10	mg/L	1	08/26/22	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.341	0.010	mg/L	1	08/25/22	JR	SM4500PE-11
Total Suspended Solids	6.7	3.3	mg/L	0.7	08/26/22	DK/AE	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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Phyllis Shiller, Laboratory Director

September 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## Analysis Report

September 01, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/24/22  
08/24/22

### Time

10:45  
15:32

## Laboratory Data

SDG ID: GCM13000  
Phoenix ID: CM13002

Project ID: OLD LYME REGIONAL #18 SCH DIST LONG WEEK  
Client ID: PROCESS TANK (MLSS)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	720	100	mg/L	5	08/26/22	JR	SM2320B-11
Total Suspended Solids	17000	100	mg/L	20	08/26/22	DK/AE	SM2540D-15

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### Comments:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

September 01, 2022

Reviewed and Released by: Anil Makol, Project Manager



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

## QA/QC Report

September 01, 2022

### QA/QC Data

SDG I.D.: GCM13000

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 639170 (mg/L), QC Sample No: CM06362 (CM13001)													
Phosphorus, as P	BRL	0.01	4.48	4.41	1.60	104			91.5			85 - 115	20
Comment: Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 639440 (mg/L), QC Sample No: CM11904 (CM13002)													
Alkalinity-CaCO <sub>3</sub>	BRL	20	680	690	1.50	100						85 - 115	20
QA/QC Batch 639181 (mg/L), QC Sample No: CM12850 (CM13001)													
Alkalinity-CaCO <sub>3</sub>	BRL	5.00	23	20	NC	95.7						85 - 115	20
QA/QC Batch 639024 (mg/L), QC Sample No: CM12852 (CM13000, CM13001)													
B.O.D./5 day	BRL	2.0	<4.0	<4.0	NC	107			108			70 - 130	20
B.O.D./5 day GGA BOD						101						84 - 115	20
QA/QC Batch 639408 (mg/L), QC Sample No: CM13001 (CM13001, CM13002)													
Total Suspended Solids	BRL	2.5	6.7	8.0	NC	101						85 - 115	20
QA/QC Batch 639394 (mg/L), QC Sample No: CM13131 (CM13000)													
Total Suspended Solids	BRL	2.5	27	27	0	106						85 - 115	20
QA/QC Batch 639384 (mg/L), QC Sample No: CM13461 (CM13001)													
Total Organic Carbon	BRL	1.0	3.7	3.7	NC	97.0			94.0			85 - 115	20
Comment: Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 639136 (mg/L), QC Sample No: CM13174 (CM13001)													
Nitrate-N	BRL	0.02	0.14	0.14	0	103			98.7			90 - 110	20
Nitrite-N	BRL	0.01	<0.010	<0.01	NC	98.0			102			90 - 110	20
QA/QC Batch 639167 (mg/L), QC Sample No: CM12372 (CM13000)													
Nitrogen Tot Kjeldahl	BRL	0.10	0.61	0.58	5.00	102			102			85 - 115	20
Comment: TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.													
Additional criteria: LCS acceptance range for waters is 85-115% and for soils is 75-125%. MS acceptance range is 75-125%.													
QA/QC Batch 639272 (mg/L), QC Sample No: CM13001 (CM13001)													
Ammonia as Nitrogen	BRL	0.05	<0.05	<0.05	NC	97.1			100			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	1.19	1.15	3.40	99.5			98.0			85 - 115	20
Comment: TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.													



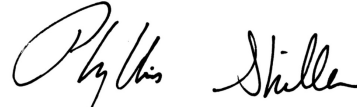
## QA/QC Data

SDG I.D.: GCM13000

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

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



Phyllis Shiller, Laboratory Director  
September 01, 2022

Thursday, September 01, 2022

Criteria: None  
State: CT

**Sample Criteria Exceedances Report**  
**GCM13000 - WHITEWAT-WW**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* 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



## Analysis Comments

September 01, 2022

SDG I.D.: GCM13000

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





Friday, September 02, 2022

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

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
SDG ID: GCM19438  
Sample ID#s: CM19438 - CM19439

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.  
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## Sample Id Cross Reference

September 02, 2022

SDG I.D.: GCM19438

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT

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Client Id	Lab Id	Matrix
INFLUENT	CM19438	WASTE WATER
PROCESS TANK (MLSS)	CM19439	WASTE WATER



Environmental Laboratories, Inc.  
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## Analysis Report

September 02, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/31/22  
08/31/22

### Time

7:40  
15:35

## Laboratory Data

SDG ID: GCM19438  
Phoenix ID: CM19438

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
Client ID: INFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Nitrogen Tot Kjeldahl	120	2.00	mg/L	20	09/02/22	KDB	E351.1

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### 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

September 02, 2022

Reviewed and Released by: Rashmi Makol, Project Manager



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

## Analysis Report

September 02, 2022

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

### Sample Information

Matrix: WASTE WATER  
Location Code: WHITEWAT-WW  
Rush Request: Standard  
P.O.#:

### Custody Information

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

### Date

08/31/22  
08/31/22

### Time

7:45  
15:35

## Laboratory Data

SDG ID: GCM19438  
Phoenix ID: CM19439

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT  
Client ID: PROCESS TANK (MLSS)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alkalinity-CaCO <sub>3</sub>	650	100	mg/L	5	09/01/22	JR	SM2320B-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

### 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

September 02, 2022

Reviewed and Released by: Rashmi Makol, Project Manager





Environmental Laboratories, Inc.  
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## QA/QC Report

September 02, 2022

### QA/QC Data

SDG I.D.: GCM19438

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 640228 (mg/L), QC Sample No: CM19439 (CM19439)													
Alkalinity-CaCO <sub>3</sub>	BRL	20	650	650	0	102						85 - 115	20
QA/QC Batch 640291 (mg/L), QC Sample No: CM19170 (CM19438)													
Nitrogen Tot Kjeldahl	BRL	0.10	0.86	0.88	2.30	98.8			97.4			85 - 115	20

**Comment:**

TKN is reported as Organic Nitrogen in the Blank, LCS, DUP and MS.

Additional criteria: LCS acceptance range for waters is 85-115% and for soils is 75-125%. MS acceptance range is 75-125%.

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  
September 02, 2022

Friday, September 02, 2022

Criteria: None  
State: CT

Sample Criteria Exceedances Report  
GCM19438 - WHITEWAT-WW

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

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## Analysis Comments

September 02, 2022

SDG I.D.: GCM19438

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

