

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 Wittzellner
Connecticut Water & Wastewater Manager
WhiteWater Inc.

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		

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 Wittzellner Signature:  Title: Water & Wastewater Manager Date: 9/15/2022

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.: 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			

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 Wittzellner Signature:  Title: Water & Wastewater Manager Date: 9/15/2022



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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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

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. 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 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-CaCO3	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:

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

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

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-CaCO3	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
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** 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

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



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.

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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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)

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:

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

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-CaCO3	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:

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

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-CaCO3	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:

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
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:

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
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-CaCO3	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-CaCO3	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
-----------	-------	-----------	------------------	---------------	------------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

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
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** 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 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.



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

Coolant: IPK ICE Yes No
 Cooler: Yes No

Temp 24°C Pg of

Data Delivery:
 Fax #: _____
 Email: see notes below

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

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

PO# _____
 Phone #: _____
 Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: Date 8-10-22

Analysis Request

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

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	BOD	TSS	NH3	Nitrate	Nitrite	TKN	Total Nitrogen	TOC	Total Phosphorus as P	Fecal Coliform	Alkalinity	2.5 Gallon Cubetainer	Soil VOA Vials [] methanol [] Soil Bisulfate	GL Soil container () oz	PL As Is 250ml [] As Is [X] H3PO4	GL Amber 250ml [] 250ml [] 500ml [X] 1000ml	PL H2SO4 [] 250ml [X] 500ml	PL HNO3 250ml	Bacteria w/Thio	
01734	Influent	WW	8-10-22	7:25	X	X			X											1	1			
01735	Effluent	WW		7:40	X	X	X	X	X	X	X	X	X	X						1	1	1		1
01736	Process Tank (MLSS)	WW		7:30										X						1				
01737	Effluent Fecal												X											

Relinquished by:	Accepted by:	Date: <u>8-10-22</u>	Time: <u>1:30</u>
		<u>8/10</u>	<u>1525</u>

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 Standard
 Other

FIELD TESTING RESULTS
 INFLUENT: pH 7.41 Alk 240 NO3 _____ NH3 _____ TP _____
 EFFLUENT: pH 7.95 Alk 240 NO3 0.6 NH3 0.0 TP 1.4
 MIXED LIQ: pH 8.05 Alk 246 NO3 _____ NH3 _____ TP _____

Comments, Special Requirements or Regulations:
Fecal Coliform Collected @ 10:00

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



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 that reads "Phyllis Shiller". The signature is written in a cursive style.

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:

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
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-CaCO3	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:

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

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

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-CaCO3	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
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** 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 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.

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 that reads "Phyllis Shiller". The signature is written in a cursive style with a large initial "P".

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:

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 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-CaCO3	274	20.0	mg/L	1	08/25/22	R/M/M/KDSM2320B-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:

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 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-CaCO3	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:

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 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-CaCO3	BRL	20	680	690	1.50	100						85 - 115	20
QA/QC Batch 639181 (mg/L), QC Sample No: CM12850 (CM13001)													
Alkalinity-CaCO3	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.													

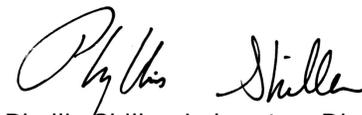
QA/QC Data

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
-----------	-------	-----------	------------------	---------------	------------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

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
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** 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

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

Coolant: IPK ICE No
 Cooler: Yes No

Temp 21.5 °C Pg of

Data Delivery:

Fax #: _____
 Email: see notes below

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

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

PO# _____
 Phone #: _____
 Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: [Signature] Date: 8-24-22

Analysis Request

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

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	BOD	TSS	NH3	Nitrate	Nitrite	TKN	Total Nitrogen	TOC	Total Phosphorus as P	Fecal Coliform	Alkalinity	2.5 Gallon Cubetainer	Soil VOA - Visals	GL Soil container () oz	PL As is () 250ml	GL Amber 250ml	PL As is () 250ml	PL H2SO4 () 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria w/1hio	
13000	Influent	WW	8-24-22	10:30	X	X				X																
13001	Effluent	WW		10:40	X	X	X	X	X	X	X	X	X	X	X											
13002	Process Tank (MLSS)	WW		10:45		X																				

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>8-24-22</u>	Time: <u>1:30</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>8/24/22</u>	<u>1532</u>

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 Standard
 Other

FIELD TESTING RESULTS
 INFLUENT: pH 7.41 Alk 240 NO3 _____ NH3 _____ TP _____
 EFFLUENT: pH _____ Alk 240 NO3 1.2 NH3 0.1 TP 0.94
 MIXED LIQ: pH 8.38 Alk 240 NO3 _____ NH3 _____ TP _____

Comments, Special Requirements or Regulations:

* Surcharge Applies

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



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 that reads "Phyllis Shiller". The signature is written in a cursive style with a large initial "P".

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 02, 2022

SDG I.D.: GCM19438

Project ID: OLD LYME REGIONAL #18 SCHOOL DISTRICT

Client Id	Lab Id	Matrix
INFLUENT	CM19438	WASTE WATER
PROCESS TANK (MLSS)	CM19439	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 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-CaCO3	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.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

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-CaCO3	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

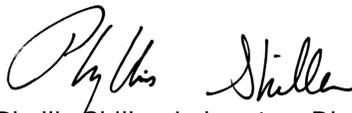
Comment:

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
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** 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 02, 2022

SDG I.D.: GCM19438

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

