https://netdmr.epa.gov/netdmr/protected/sign_submit_dmr.html?_flowId=permitadmin_access_request_user-flow&_flowExecutionKey=e1s12

EPA NetDMR Streamlined Regi... | Signing Process Confirmati...

Home | My Account | Request Access | Help | Logout

User:plewis@deepriverct.us, Permittee User

NetDMR Network Discharge Monitoring Report

Connecticut DEP

Manage	Search	Unscheduled DMRs	Import DMRs	Update NODI	View	Download
Access Requests	All DMRs & CORs Permits Users	Unscheduled DMRs	Perform Import Check Results	Check Results	Permits Users DMR Signing Status	Blank DMR Form

Session Lockout Timer: 29:28

View All Copies of Submissions | DMR/COR Search Results | View DMR Signing Status

Signing Process Confirmation - CDX Activity ID: _0bea52d6-a879-493f-af37-8a1d7b331728

Your DMRs are undergoing the Signing Process

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
CT0101745	DEEP RIVER WPCF	001	001-1	SANITARY SEWAGE	08/31/19	09/15/19

© 2008 NetDMR

Signing Process C... | September 2019 - ... | August 2019 - Excel

(6:36) 8:24 AM 9/11/2019

Town of Deep River WPCA MOR

	Daily Flow			Aeration Tank 1				Aeration Tank 2				pH		Temp		Settable Solids	Turbidity	Waste Time	UV Transmit	Fecal Coliform	Enterococci	D.O.	BOD (5-Day)			S
	Max	Min	Total	MLSS	SVI	High D.O.	Low D.O.	MLSS	SVI	High D.O.	Low D.O.	Influent	Effluent	Influent	Effluent	Effluent	Effluent		Effluent	Effluent	Effluent	Effluent	INF.	EFF.	% Removed	INF.
Units	MGD					MG/L				MG/L		S.U.		FAHRENHEIT		ML/L	NTU	mins	%	#/100 ML	#/100 ML	MG/L	MG/L		%	MC
Testing	Daily																		Daily	Weekly	Weekly	Daily	Weekly			
Date																										
1	0.31824	0.05472	0.152	1248	280	3.1	3	1380	300	2.7	2.5	6.4	6.9	69	73	0	0.4	13	96			7.3				
2	0.31104	0.04752	0.138	1764	300	2.8	2.4	1876	320	2.1	2	6.9	6.9	69	73	0	0.5	8	95			7				
3	0.32688	0.0432	0.151																95							
4	0.29808	0.04032	0.149																95							
5	0.2952	0.04176	0.135	1664	240	3.4	2.9	1944	300	3.4	2.9	6.7	7	69	72	0	0.3	0	96			6.9				
6	0.30816	0.03744	0.137	1356	240	2.1	2	1564	320	1.9	1.7	6.7	7	68	72	0	0.5	0	94	<2	<10	6.7	151	2	98.67549669	70
7	0.31824	0.03888	0.136	1144	280	2.9	2.7	1360	300	3.4	2.9	6.8	7	67	70	0	1.6	5	95			6.9				
8	0.3312	0.04032	0.169	1052	300	2.4	1.9	1328	340	2.8	2.6	6.7	6.8	67	73	0	0.6	6	95			7.3				
9	0.35856	0.05472	0.169	1376	300	2.4	2	1248	300	1.3	1.1	6.9	7.1	68	73	0	0.8	6	95			7.3				
10	0.32832	0.0288	0.133																95							
11	0.3096	0.0432	0.131																94							
12	0.30096	0.0432	0.159	2384	260	1.6	1.4	1772	220	2.1	1.3	7.6	7.1	66	69	0	0.6	6	96			7.1				
13	0.3096	0.0072	0.127	2440	240	1.3	1.1	1846	240	1.9	1.5	7.2	6.9	69	73	0	0.7	6	94	<2	<10	7	165	2	98.78787879	22
14	0.29808	0.0144	0.141	2716	220	1.6	1.2	1932	200	3.6	3.2	6.9	7	68	73	0	0.7	6	96			7.4				
15	0.31104	0.03888	0.136	2592	280	2.9	2.6	1348	200	3.8	3.1	7.5	7.1	67	72	0	0.8	6	96			7.3				
16	0.3096	0.02304	0.135	2856	300	2.3	1.7	1684	180	2.9	2.4	7.1	7.2	67	73	0	1	6	96			6.7				
17	0.32832	0.0432	0.141																95							
18	0.30528	0.04032	0.142																95							
19	0.36144	0.04608	0.147	956	230	2.9	2.7	568	200	5.2	5	6.9	6.9	67	74	0	0.8	6	95			7.1				
20	0.32544	0.04896	0.137	1656	260	2.5	2.1	848	240	3.3	2.9	6.7	6.9	71	73	0	0.4	0	94	<2	<10	7	177	2	98.8700565	54
21	0.29664	0.04176	0.137	1204	310	2.4	1.8	576	280	3.1	2.6	6.7	6.9	70	74	0	0.6	6	96			7				
22	0.324	0.04032	0.141	1612	240	2.9	2.7	844	180	2.5	2.1	6.9	6.9	68	74	0	0.6	0	96			7				
23	0.34416	0.03024	0.147	1532	260	2.9	2.8	840	210	3.4	2.9	6.7	7	67	73	0	0.8	0	96			6.9				
24	0.24912	0.02016	0.133																96							
25	0.19872	0.02016	0.14																96							
26	0.32544	0.03888	0.14	3564	380	2.9	2.7	1540	300	2	1.8	6.9	7.1	67	72	0	0.6	0	96			7				
27	0.31104	0.02016	0.137	1804	270	2.7	2.4	920	270	2.5	2.1	6.7	6.9	60	67	0	0.4	8	94	<2	<10	7	111	2	98.1981982	260
28	0.28944	0.0432	0.141	2052	290	3	2.5	1668	310	2.7	2.1	6.7	6.9	68	70	0	0.4	6	96			7				
29	0.29376	0.03744	0.14	1680	280	2.4	1.9	1704	290	2.7	2.2	6.4	7	67	70	0	0.8	6	94			7.1				
30	0.29232	0.03024	0.141	1404	280	3.5	3	1548	280	2.9	2.9	6.9	7	59	72	0	0.8	6	96			7				
31	0.30096	0.01152	0.138																95							

uspended Solids		Amonia		Nitrite		Nitrate		TKN		Total N			Total P	Ortho Phosphate	Alkalinity	
EFF.	% Removed	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	EFF.	EFF.	EFF.	INF.	EFF.
3/L	%	MG/L		MG/L		MG/L		MG/L		MG/L		# / Day	MG/L	MG/L	MG/L	
Weekly								Monthly								
0	100	17.1	ND	ND	0.02	ND	1.22	38.5	2.65	38.5	3.89	4.4	0.07	0.04	116	24.8
0	100															
1	98.14814815															
0	100															

Sludge Disposal Location:
Mattabasset Sewer District

Please return forms to:
DEEP - Water Bureau
ATTN: Municipal Wastewater Monitoring Coordinator
Municipal Facilities
79 Elm Street
Hartford, CT 06106-5127

Statement of Acknowledgement

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: John Ely

Title: operator

Signature:

1005 BOSTON POST ROAD
MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
Connecticut Certification PH-0535
www.eclinconline.com

ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126619
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/16/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	17.1	mg/L	ASTM D6919-03	0.05	8/8/2019	KC
Nitrate as N	ND	mg/L	EPA300.0	0.1	8/7/2019	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	8/7/2019	JB
Orthophosphate as P	0.31	mg/L	EPA300.0	0.02	8/7/2019	JB
Phosphorous -Total as P	4.47	mg/L	EPA 200.7	0.04	8/12/2019	JB
TKN as N	38.5	mg/L	4500NorgC	0.5	8/14/2019	KC
Total Nitrogen as N	38.5	mg/L	CALC	1	8/15/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126620
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/19/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	ND	mg/L	ASTM D6919-03	0.05	8/8/2019	KC
Nitrate as N	1.22	mg/L	EPA300.0	0.1	8/7/2019	JB
Nitrite as N	0.02	mg/L	EPA300.0	0.01	8/7/2019	JB
Orthophosphate as P	0.04	mg/L	EPA300.0	0.02	8/7/2019	JB
Phosphorous -Total as P	0.07	mg/L	EPA 200.7	0.04	8/12/2019	JB
TKN as N	2.65	mg/L	4500NorgC	0.5	8/14/2019	KC
Total Nitrogen as N	3.89	mg/L	CALC	1	8/15/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126621
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/14/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity	116	mg/L	SM2320-B	20	8/13/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126622
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/14/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity	24.8	mg/L	SM2320-B	20	8/13/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

1005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project:
Monthly + Weekly
Influent/Effluent Testing

PWSID#:

System Type:

Samplers Name: (Print) John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct				Cl_2 Res.	ECL Sample I.D.#
	Influent (Monthly)	8/6/19	8:40	X		X		2	x	x			1 - 16oz 1 - 4oz (H2S04)					1206019
	Effluent (Monthly)	8/6/19	8:30	X		X		2	x	x			1 - 32oz 1 - 4oz (H2S04)					1206020
	Influent (Monthly)	8/6/19	8:45	X			X	1			x		1 - 8oz					1206021
	Effluent (Monthly)	8/6/19	8:20	X			X	1			x		1 - 8oz					1206022
	Influent (Weekly)	8/6/19	8:40	X		X		1				x		1 - 8oz				
	Effluent (Weekly)	8/6/19	8:30	X		X		1				x		1 - 16oz				
	Effluent (Weekly)	8/6/19	8:20	X			X	1					x	1 - Bact.				

Relinquished by:	Date	Time	Received by:	
	8/6/19			8/6/19 9:48
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 17°C
Were Samples in appropriate containers? (Y) N
If No Explain _____

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples presented properly? (Y) N
~~If No explain:~~

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126625
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/8/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	8/6/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	8/6/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

EN RONMENTAL
CONSULTING LABORATORIES, INC.

1005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Client: Town of Deep River-WPCF
Contact: Mr. Peter Lewis
Address: 99 Winter Ave, Deep River, CT 06417
Phone: 860-526-6044 Fax:

Project: Monthly + Weekly Influent/Effluent Testing

PWSID#:

System Type:

Samplers Name: (Print) John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct					Cl_2 Res.	ECL Sample I.D.#
	Influent (Monthly)	8/6/19	8:40	X		X		2	x	x			1 - 16oz 1 - 4oz (H2S04)						
	Effluent (Monthly)	8/6/19	8:30	X		X		2	x	x			1 - 32oz 1 - 4oz (H2S04)						
	Influent (Monthly)	8/6/19	8:45	X			X	1			x		1 - 8oz						
	Effluent (Monthly)	8/6/19	8:20	X			X	1			x		1 - 8oz						
	Influent (Weekly)	8/6/19	8:40	X		X		1				x		1 - 8oz					
	Effluent (Weekly)	8/6/19	8:30	X		X		1				x		1 - 16oz					
	Effluent (Weekly)	8/6/19	8:20	X			X	1					x	1 - Bact.					1260625

Relinquished by:	Date	Time	Received by:	
	8/6/19			8/6/19 9:48
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 1.7°C
Were Samples in appropriate containers? (Y) N
If No Explain _____

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples presented properly? (Y) N
~~If No type needed~~ _____

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126624
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/14/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	8/7/2019	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	8/9/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126623
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/6/2019
Receipt Date: 8/6/2019
Report Date: 8/14/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	151	mg/L	SM5210B	2	8/7/2019	KC
Total Suspended Solids	70.0	mg/L	SM2540D	1	8/9/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

1005 Boston Post Road
Madison, CT 06443

(203) 245-0568 Phone
(203) 318-0830 Fax

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project: **Monthly + Weekly Influent/Effluent Testing**

PWSID#:

System Type:

Samplers Name: (Print) John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct				Cl_2 Res.	ECL Sample I.D.#
	Influent (Monthly)	8/6/19	8:40	X		X		2	x	x			1 - 16oz 1 - 4oz (H2S04)					
	Effluent (Monthly)	8/6/19	8:30	X		X		2	x	x			1 - 32oz 1 - 4oz (H2S04)					
	Influent (Monthly)	8/6/19	8:45	X			X	1			x		1 - 8oz					
	Effluent (Monthly)	8/6/19	8:20	X			X	1			x		1 - 8oz					
	Influent (Weekly)	8/6/19	8:40	X		X		1				x		1 - 8oz				1201023
	Effluent (Weekly)	8/6/19	8:30	X		X		1				x		1 - 16oz				1201024
	Effluent (Weekly)	8/6/19	8:20	X			X	1					x	1 - Bact.				

Relinquished by:	Date	Time	Received by:	
	8/6/19			8/6/19 9:48
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 17°C
Were Samples in appropriate containers? (Y) N
If No Explain

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples preserved properly? (Y) N
~~If No explain needed~~

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126780
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/13/2019
Receipt Date: 8/13/2019
Report Date: 8/20/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	8/14/2019	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	8/16/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Phone 203-245-0568
FAX 203-318-0830
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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126779
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/13/2019
Receipt Date: 8/13/2019
Report Date: 8/20/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	165	mg/L	SM5210B	2	8/14/2019	KC
Total Suspended Solids	22.0	mg/L	SM2540D	1	8/16/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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MADISON, CT 06443
Phone 203-245-0568
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Connecticut Certification PH-0535
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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126781
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 8/13/2019
Receipt Date: 8/13/2019
Report Date: 8/16/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	8/13/2019	DB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	8/13/2019	DB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

CONSULTING LABORATORIES, INC.
1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Sample Type: Solid	Sample Type: Comp	Sample Type: Grab	Number of Containers	BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	8/13/19	8:40	X		X		1	X	X								126779
	Effluent	8/13/19	8:30	X		X		1	X	X								126780
	Effluent	8/13/19	8:25	X			X	1				X						126781

Required Analysis

Relinquished by:	Date	Time	Received by:	
T.F. Wolfe	08/13/		[signature]	8/13/19 9:37
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? Y N
Were Samples chilled upon reciept? Y N 19°C
Were Samples in appropriate containers? Y N
If No Explain
Are containers broken/leaking? Y/N
Did Samples need to be split upon receipt? Y N
Were Samples presented properly? Y N

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126955
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 8/20/2019
Receipt Date: 8/20/2019
Report Date: 8/22/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	8/21/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	8/21/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126953
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/20/2019
Receipt Date: 8/20/2019
Report Date: 8/28/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	177	mg/L	SM5210B	2	8/21/2019	KC
Total Suspended Solids	54.0	mg/L	SM2540D	1	8/23/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 126954
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/20/2019
Receipt Date: 8/20/2019
Report Date: 8/28/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	8/21/2019	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	8/23/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

CONSULTING LABORATORIES, INC.
1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	8/20/19	8:30	X		x		1	x	x								120953
	Effluent	8/20/19	8:15	X		x		1	x	x								120954
	Effluent	8/20/19	8:10	x			x	1				x						

Required Analysis

Relinquished by:	Date	Time	Received by:	
	8/20/19			8/20/19 9:50
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? Y / N
Were Samples chilled upon reciept? Y / N 2°C
Were Samples in appropriate containers? Y / N
If No Explain _____

Are containers broken/leaking? Y / N
Did Samples need to be split upon receipt? Y / N
Were Samples presented properly? Y / N

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1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Client: Town of Deep River-WPCF
Contact: Mr. Peter Lewis
Address: 99 Winter Ave, Deep River, CT 06417
Phone: 860-526-6044 Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	8/20/19	8:30	X		x		1	x	x								
	Effluent	8/20/19	8:15	X		x		1	x	x								
	Effluent	8/20/19	8:10	x			x	1				x						121955

Relinquished by:	Date	Time	Received by:	
	8/20/19			8/20/19 9:50
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 4.9 °C
Were Samples in appropriate containers? (Y) N
If No Explain

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y / (N)
Were Samples presented properly? (Y) N

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 127091
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 8/27/2019
Receipt Date: 8/27/2019
Report Date: 8/29/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	8/27/2019	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	8/27/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	8/27/19	8:25	X		x		1	x	x								
	Effluent	8/27/19	8:15	X		x		1	x	x								
	Effluent	8/27/19	8:10	x			x	1				x						127091

Relinquished by: [signature] Date Time Received by: [signature] 8/27/15 9:50

Relinquished by: Date Time Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 8.3°C
Were Samples in appropriate containers? (Y) N
If No Explain
Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples presented properly? (Y) N
[redacted]

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample ID#: 127089
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 8/27/2019
Receipt Date: 8/27/2019
Report Date: 9/4/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	111	mg/L	SM5210B	2	8/28/2019	KC
Total Suspended Solids	260	mg/L	SM2540D	1	8/30/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis

Sample Date: 8/27/2019
Receipt Date: 8/27/2019
Report Date: 9/4/2019
Sample Site: Effluent

Sample ID#: 127090
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	8/28/2019	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	8/30/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

C ULTING LABORATORIES, INC.
1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Client: Town of Deep River-WPCF
Contact: Mr. Peter Lewis
Address: 99 Winter Ave, Deep River, CT 06417
Phone: 860-526-6044 Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	8/27/19	8:25	X		x		1	x	x								127089
	Effluent	8/27/19	8:15	X		x		1	x	x								127090
	Effluent	8/27/19	8:10	x			x	1				x						

Required Analysis

Relinquished by:	Date	Time	Received by:	
				8/27/15 9:50
Relinquished by:	Date	Time	Received by:	

Were Samples received within holding time? Y N
Were Samples chilled upon reciept? Y N 8.3°C
Were Samples in appropriate containers? Y N
If No Explain

Are containers broken/leaking? Y N
Did Samples need to be split upon receipt? Y N
Were Samples presented properly? Y N

Date 08 / 31 / 18 Day Saturday Time 8:00 Temp 71°
Precipitation 0" Weather Sunny day

LAB

Thickened Sludge 0 / 4.1 W.A.S 5.3 / 4.5

Ops Building

Heating Fuel 2830 Gallons Generator Hours 946 Block Heater OK
Oil and Coolant OK. Battery Condition OK Run For Hour NO.
Run Trailer Mounted Generators NO Boiler Temp / Boiler Pressure /

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 70°
Heat NO Grinder OK Hydraulic Level OK

Gallons 138260 Max 209 Min 8 Avg 96

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned
Air Valves OK Slide Gates OK SBR Blowers 1+2 Speed high/low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3.0 min Waster Cycle 302 / min

Lab Work

Sampler Initials T.F.L. Analyst Initials T.F.L
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8 / 30 / 19 Day Friday Time 7AM Temp 58°
Precipitation .25 Weather nice

LAB

Thickened Sludge 0 / 7 W.A.S 6 / 6

Ops Building

Heating Fuel 2830 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16527248 Parshall Flume 11734820
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 141390 Max 203 Min 21 Avg 98

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high / low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:15	59°	6.9	1.8	2.0	10	XXXX	260
301	10:05	1010	72°	7.0	3.0	3.5	280	XXXX	250
302	8:10	8:15	72°	6.9	2.9	2.9	280	XXXX	240
Effluent	7:30	7:35	72°	7.0	6.7	7.0	0	.8	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4138	0.4489	1404		
302	25	0.4127	0.4514	1548		
Effluent	1000	0.	0.			

Date 8/29/19 Day thursday Time 7AM Temp 60°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0/7 W.A.S 5/5

Ops Building

Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp off Boiler Pressure off

Lower Pump Station

Pumped Flow 16394142 Parshall Flume 11589740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.5 Temp 67°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 139820 Max 204 Min 26 Avg 97

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:45	7:55	67°	6.4	1.5	1.9	10	XXXX	240
301	~~8~~ 10:10	10:15	70°	6.7	1.9	2.4	280	XXXX	210
302	8:10	8:15	70°	6.8	2.2	2.7	290	XXXX	210
Effluent	7:50	8:00	70°	7.0	7.0	7.1	0	.8	200

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4119	0.4539	1680		
302	25	0.4206	0.4632	1704		
Effluent	1000	0.	0.			

Date 8/28/19 Day Wednesday Time 7AM Temp 59°
Precipitation .5 Weather rainy

LAB

Thickened Sludge 2 / full W.A.S 8 / 8

Ops Building

Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16297134 Parshall Flume 11497140
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 67°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 141290 Max 201 Min 30 Avg 98

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed hig
Standby ____ W.A.S Blowers ____ Speed ____
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On ____ Compositor Date and Time Off ____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	68°	6.7	1.0	1.3	18	XXXX	260
301	10:15	10:20	70°	6.9	2.5	3.0	290	XXXX	240
302	8:10	8:15	70°	6.8	2.1	2.7	310	XXXX	210
Effluent	7:10	7:20	70°	6.9	6.8	7.0	0	.4	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4208	0.4721	2052		
302	25	0.4194	0.4611	1668		
Effluent	1000	0.	0.			

Date 8/27/19 Day Tuesday Time 7Am Temp 58°
Precipitation 0 Weather cool

LAB

Thickened Sludge 0 / 7 W.A.S 4 / 4

Ops Building

Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 11383540 Parshall Flume 16167065
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 26 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 136810 Max 216 Min 14 Avg 95

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens Tod
Air Valves ✓ Slide Gates ✓ SBR Blowers Speed high/low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	60°	6.7	1.4	1.7	14	XXXX	270
301	10:10	10:15	72°	7.0	2.4	2.7	270	XXXX	260
302	815	8:20	72°	7.0	2.1	2.5	270	XXXX	240
Effluent	7:15	7:25	67°	6.9	6.9	7.0	0	0.4	200

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4129	0.4580	1804		
302	25	0.4380	0.4610	920		
Effluent	1000	0.	0.			

Date 8/26/19 Day Monday Time 6Am Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0 / 8 W.A.S 7 / 7

Ops Building

Heating Fuel 2880 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16151377 Parshall Flume 11248480
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 29 Temp 67°
Heat n Grinder ✓ Hydraulic Level ✓

Gallons 139670 Max 226 Min 27 Avg 97

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On 8/25/19 @ 7Am Compositor Date and Time Off 8/26/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	67°	6.9	1.4	1.9	14	XXXX	290
301	6:30	6:35	72°	6.8	2.7	2.9	380	XXXX	240
302	8:20	8:25	72°	6.9	1.8	2.0	300	XXXX	230
Effluent	7:10	7:20	72°	7.1	6.7	7.0	0	0.6	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4141	0.5032	3564		
302	25	0.4097	0.4482	1540		
Effluent	1000	0.	0.			

Date 8 / 25 / 19 Day Sunday Time _____ Temp _____
Precipitation _____ Weather _____

LAB

Thickened Sludge _____ / _____ W.A.S _____ / _____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____
Oil and Coolant _____ Battery Condition _____ Run For Hour _____
Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____
Heat _____ Grinder _____ Hydraulic Level _____

Gallons 140270 Max 138 Min 14 Avg 97

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high / low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials _____ Analyst Initials _____
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8/24/19 Day Saturday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

Thickened Sludge _____/_____ W.A.S _____/_____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 132960 Max 173 Min 14 Avg 93

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____ min Waster Cycle 302 _____ min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8/23/19 Day Friday Time 7AM Temp 71°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0 / 7 W.A.S 6 / 6

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16129712 Parshall Flume 10824230
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 147240 Max 239 Min 21 Avg 101

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Tech
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high/low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:30	7:40	67°	6.7	1.6	1.9	14	XXXX	210
301	10:05	10:10	73°	6.9	2.8	2.9	260	XXXX	230
302	8:10	8:15	73°	7.0	2.9	3.4	210	XXXX	240
Effluent	735	7:45	73°	7.0	6.7	6.9	0	0.8	200

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4309	0.4692	1532		
302	25	0.4387	0.4597	840		
Effluent	1000	0.	0.			

Date 8/22/19 Day Thursday Time 7AM Temp 72°
Precipitation .5 Weather humid

LAB

Thickened Sludge 0/6 W.A.S 8/8

Ops Building

Heating Fuel 2749 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16096583 Parshall Flume 10738650
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 74°
Heat ✓ Grinder ✓ Hydraulic Level 2.7

Gallons 141090 Max 225 Min 28 Avg 98

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:15	68°	6.9	1.0	1.4	10	XXXX	190
301	10:10	10:15	74°	7.0	2.7	2.9	240	XXXX	200
302	8:05	8:10	74°	7.0	2.1	2.5	180	XXXX	190
Effluent	725	7:30	74	6.9	6.5	7.0	0	.6	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4307	0.4710	1612		
302	25	0.4398	0.4609	844		
Effluent	1000	0.	0.			

Date 8 / 21 / 19 Day wednesday Time 7AM Temp 70°
Precipitation 0 Weather humid

LAB

Thickened Sludge 0 / 6 W.A.S 10 / 10

Ops Building

Heating Fuel 2910 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16067336 Parshall Flume 10550450
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 137100 Max 206 Min 29 Avg 95

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high flow
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	70°	6.7	1.0	1.4	10	XXXX	290
301	10:05	10:10	74°	7.0	1.8	2.4	310	XXXX	240
302	8:10	8:15	74°	6.9	2.6	3.1	280	XXXX	230
Effluent	7:10	7:20	74°	6.9	7.0	7.0	0	.6	150

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4409	0.4710	1204		
302	25	0.4387	0.4531	576		
Effluent	1000	0.	0.			

Date 8 / 20 / 19 Day Tuesday Time 7AM Temp 71°
Precipitation .75 Weather humid

LAB

Thickened Sludge 0 / 6 W.A.S 7 / 7

Ops Building

Heating Fuel 2830 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16048318 Parshall Flume 10418850
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.5 Temp 67°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 137130 Max 226 Min 34 Avg 95

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high / low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	71°	6.7	3.1	3.6	10	XXXX	290
301	10:15	10:20	74°	6.7	2.1	2.5	260	XXXX	230
302	8:10	8:15	74°	7.0	2.9	3.3	240	XXXX	240
Effluent	7:05	7:15	73°	6.9	6.8	7.0	0	.4	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4380	0.4794	1656		
302	25	0.4417	0.4629	848		
Effluent	1000	0.	0.			

Date 8 / 19 / 19 Day Monday Time 7AM Temp 72°
Precipitation .75 Weather humid

LAB

Thickened Sludge — / 4.3 W.A.S 8 / 8

Ops Building

Heating Fuel 2900 Gallons Generator Hours 146 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators — Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16033613 Parshall Flume 10301190
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp
Heat Grinder Hydraulic Level

Gallons 147480 Max 251 Min 32 Avg 102

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens TSD
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + Low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On 8/19/19 @ 7:30 Compositor Date and Time Off 8/20/19 @ 8:10

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	67°	6.9	2.7	2.9	10	XXXX	140
301	10:10	10:15	74°	6.9	2.7	2.9	230	XXXX	230
302	8:20	8:25	74°	6.7	5.0	5.2	200	XXXX	230
Effluent	7:15	7:25	74°	6.9	6.8	7.1	0	.8	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4481	0.4720	956		
302	25	0.4692	0.4834	568		
Effluent	1000	0.	0.			

Date 08/18/18 Day Saturday Time 700 Temp 71°

Precipitation _____ Weather cloudy off shower, thunder

LAB

Thickened Sludge _____/_____ W.A.S _____/_____

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 141680 Max 212 Min 28 Avg 98

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned

Air Valves OK Slide Gates OK SBR Blowers 1+2 Speed high

Standby 3 W.A.S Blowers 5 Speed high

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials TFL Analyst Initials T.F.L

Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 08/17/18 Day Saturday Time 730 Temp 70°
Precipitation 0 in Weather cloudy, shower, aft thunderstorm

LAB

Thickened Sludge 0,2 / 4,7 W.A.S 6,0 / 5,0

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater OK
Oil and Coolant OK Battery Condition OK Run For Hour no
Run Trailer Mounted Generators no Boiler Temp / Boiler Pressure /

Lower Pump Station

Pumped Flow 15937249 Parshall Flume 10287140
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3,4 Temp 70°
Heat no Grinder OK Hydraulic Level OK

Gallons 140120 Max 228 Min 30 Avg 97

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned
Air Valves OK Slide Gates OK SBR Blowers 1+2 Speed high flow
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials T.F.L Analyst Initials T.F.L
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8 / 16 / 19 Day Friday Time 7Am Temp 67°
Precipitation 0 Weather Sunny

LAB

Thickened Sludge .1 / 4.4 W.A.S 6.2 / 5.9

Ops Building

Heating Fuel 2680 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15833027 Parshall Flume 10127900
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 68°
Heat — Grinder ✓ Hydraulic Level ✓

Gallons 135100 Max 215 Min 16 Avg 94

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:20	7:25	67°	7.1	1.6	2.1	10	XXXX	260
301	10:10	10:15	75°	7.0	1.7	2.3	300	XXXX	280
302	8:10	8:15	74°	6.9	2.4	2.9	180	XXXX	330
Effluent	7:10	7:15	73°	7.2	6.6	6.7	0	1.0	350

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4183	0.4897	2856		
302	25	0.4153	0.4574	1684		
Effluent	1000	0.	0.			

Date 8 / 15 / 19 Day Thursday Time 8AM Temp 67°
Precipitation .2" Weather Sunny

LAB

Thickened Sludge .1 / 5.2 W.A.S 5 / 4

Ops Building

Heating Fuel 2860 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15722039 Parshall Flume 10004120
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 29 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 136080 Max 216 Min 27 Avg 94

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	8:10	8:25	67°	7.5	1.8	2.2	8	XXXX	430
301	10:10	10:15	75°	6.9	2.6	2.9	280	XXXX	260
302	8:15	8:20	75°	7.4	3.1	3.8	200	XXXX	240
Effluent	8:00	8:05	72°	7.1	7.0	7.3	0	.8	250

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 4146	0. 4794	2592		
302	25	0. 4147	0. 4484	1348		
Effluent	1000	0.	0.			

Date 7 / 14 / 19 Day Wednesday Time 7AM Temp 67°
Precipitation 1.5 Weather Cloudy

LAB

Thickened Sludge .1 / 4.4 W.A.S 12.7 / 11.8

Ops Building

Heating Fuel 3040 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp ____ Boiler Pressure ____

Lower Pump Station

Pumped Flow 15427193 Parshall Flume 9979410
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 69°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 141420 Max 207 Min 10 Avg 98

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby ____ W.A.S Blowers ____ Speed ____
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On ____ Compositor Date and Time Off ____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:15	68°	6.9	1.4	1.7	6	XXXX	200
301	10:00	10:05	74°	6.9	1.2	1.6	220	XXXX	300
302	7:50	7:55	73°	7.0	3.2	3.6	200	XXXX	290
Effluent	7:00	7:05	73°	7.0	6.1	7.4	0	.7	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4154	0.4833	2716		
302	25	0.4145	0.4628	1932		
Effluent	1000	0.	0.			

Date 8/13/19 Day Tuesday Time 7Am Temp 68°
Precipitation 0 Weather Cloudy

LAB

Thickened Sludge 0 / 5.2 W.A.S 107 / 8.5

Ops Building

Heating Fuel 2690 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15198764 Parshall Flume 9817950
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 127350 Max 215 Min 5 Avg 88

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed hight/low
Standby 3 W.A.S Blowers ~~1~~ 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials _____ Analyst Initials _____
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	69°	7.2	1.2	1.4	12	XXXX	210
301	10 20	1025	70°	7.1	1.1	1.3	240	XXXX	240
302	8:15	8:20	73°	6.8	1.6	1.9	240	XXXX	230
Effluent	7:15	7:25	73°	6.9	6.9	7.0	0	.7	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4169	0.4779	2440		
302	25	0.4147	0.4609	1846		
Effluent	1000	0.	0.			

Date 8 / 12 / 19 Day monday Time 7AM Temp 72°
Precipitation 0 Weather Sunny

LAB

Thickened Sludge .1 / 5.5 W.A.S 10.8 / 9.8

Ops Building

Heating Fuel 2740 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp ——— Boiler Pressure ———

Lower Pump Station

Pumped Flow 15917194 Parshall Flume 9493740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 158940 Max 209 Min 30 Avg 110

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high/low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On 8/12/19 @ 750 Compositor Date and Time Off 7/13/19 @ 7:55

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	8:00	8:10	66°	7.5	1.5	1.7	10	XXXX	330
301	10:00	10:05	72°	7.0	1.4	1.6	260	XXXX	240
302	8:10	8:15	71°	6.9	1.3	2.1	220	XXXX	240
Effluent	8:05	8:15	69°	7.1	7.0	7.1	0	.6	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4159	0.4755	2384		
302	25	0.4162	0.4605	1772		
Effluent	1000	0.	0.			

Date 8/11/19 Day Sunday Time 9 Am Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0 / 6 W.A.S 11 / 11

Ops Building

Heating Fuel 2740 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15887651 Parshall Flume 9175860
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 131410 Max 215 Min 30 Avg 91

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓ perfect
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 1 & 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials _____ Analyst Initials _____
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8 / 10 / 19 Day Saturday Time 8AM Temp 64°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0 / 6 W.A.S 9 / 9

Ops Building

Heating Fuel 2870 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp ✓ Boiler Pressure —

Lower Pump Station

Pumped Flow 15874879 Parshall Flume 9043030
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°
Heat n Grinder ✓ Hydraulic Level ✓

Gallons 133490 Max 228 Min 20 Avg 93

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens ✓
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials _____ Analyst Initials _____
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8 / 9 / 19 Day Friday Time 7AM Temp 60°
Precipitation 0 Weather nice

LAB

Thickened Sludge 0 / 5 W.A.S 11 / 11

Ops Building

Heating Fuel 2884 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 16129742 Parshall Flume 8812090
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 29 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 168960 Max 249 Min 38 Avg 117

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens Tec
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	68°	6.9	1.0	1.4	8	XXXX	210
301	9:55	10:00	72°	7.0	2.0	2.4	300	XXXX	210
302	7:50	755	73°	7.1	1.1	1.3	300	XXXX	190
Effluent	7:05	7:15	73°	7.1	7.0	7.3	0	.8	240

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4339	0.4683	1376		
302	25	0.4417	0.4729	1248		
Effluent	1000	0.	0.			

Date 8 / 8 / 19 Day Thursday Time 7 AM Temp 68°
Precipitation 1.75 Weather humid

LAB

Thickened Sludge 1 / 4 W.A.S 9 / 9

Ops Building

Heating Fuel 2904 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15933849 Parshall Flume 8721740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 169430 Max 230 Min 28 Avg 118

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 5 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:50	8:00	67°	6.7	1.1	1.4	10	XXXX	200
301	10:00	10 05	72°	7.0	1.9	2.4	300	XXXX	200
302	8:05	8:10	73°	6.9	2.6	2.8	340	XXXX	190
Effluent	7:45	7:55	73°	6.8	7.1	7.3	0	.6	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4136	0.4399	1052		
302	25	0.4140	0.4472	1328		
Effluent	1000	0.	0.			

Date 8 / 7 / 19 Day Wednesday Time 7 Am Temp 64°
Precipitation 0 Weather humid

LAB

Thickened Sludge 2 / 4 W.A.S 9 / 9

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15821077 Parshall Flume 8630930
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 136440 Max 221 Min 27 Avg 95

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens Red
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	67°	6.8	1.4	1.7	10	XXXX	200
301	9:40	9:45	73°	6.9	2.7	2.9	280	XXXX	210
302	7:45	7:50	73°	7.0	2.9	3.4	300	XXXX	230
Effluent	7:05	7:15	70°	7.0	6.4	6.9	0	1.6	240

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4397	0.4683	1144		
302	25	0.4386	0.4726	1360		
Effluent	1000	0.	0.			

Date 8/6/19 Day Tuesday Time 7Am Temp 60
Precipitation 0 Weather nice

LAB

Thickened Sludge 2/5 W.A.S 8/8

Ops Building

Heating Fuel 2870 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15802605 Parshall Flume 8489740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 67°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 136700 Max 214 Min 26 Avg 95

SBR Building

UV Operation 94 % Pump Number 1+2 Clean Water Screens TED
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high + low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	68°	6.7	1.6	1.9	12	XXXX	240
301	9:45	9:50	72°	6.9	2.0	2.1	240	XXXX	210
302	7:40	7:45	72°	7.0	1.7	1.9	320	XXXX	180
Effluent	7:05	7:15	72°	7.0	6.5	6.7	0	.6	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4142	0.4481	1356		
302	25	0.4138	0.4529	1564		
Effluent	1000	0.	0.			

Date 8 / 5 / 19 Day Monday Time 7Am Temp 68°
Precipitation 0 Weather nice

LAB

Thickened Sludge 1.6 / 6 W.A.S 10 / 10

Ops Building

Heating Fuel 2930 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 8351510 Parshall Flume 15785118
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.5 Temp 68°
Heat off ✓ Grinder ✓ Hydraulic Level ✓

Gallons 135460 Max 205 Min 29 Avg 94

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On 8/5/19 @ 7:10 Compositor Date and Time Off 8/6/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	69°	6.7	1.0	1.4	18	XXXX	280
301	9:50	9:55	73°	6.7	1.5	1.7	240	XXXX	190
302	7:20	7:25	72°	6.9	2.9	3.4	300	XXXX	240
Effluent	7:05	7:15	72°	7.0	6.5	6.9	0	.3	260

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4146	0.4562	1664		
302	25	0.4148	0.4634	1944		
Effluent	1000	0.	0.			

Date 8 / 4 / 18 Day Sunday Time 800 Temp 68°
Precipitation _____ Weather _____

LAB

Thickened Sludge 1,1 / 6,5 W.A.S 10,1 / 11,2

Ops Building

Heating Fuel 2870 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp ✓ Boiler Pressure ✓

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____
Heat _____ Grinder _____ Hydraulic Level _____

Gallons 149330 Max 207 Min 28 Avg 104

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned Ted
Air Valves OK Slide Gates ok SBR Blowers 1+2 Speed high-low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials T.F.L Analyst Initials T.F.L
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8/3/18 Day Saturday Time 7 30 Temp 68°°
Precipitation 0" Weather sunny day

LAB

Thickened Sludge 10,165 W.A.S 9,3,8,4

Ops Building

Heating Fuel 2870 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no.
Run Trailer Mounted Generators no Boiler Temp ~ Boiler Pressure ~

Lower Pump Station

Pumped Flow _____ Parshall Flume _____
Lead _____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____
Heat _____ Grinder _____ Hydraulic Level _____

Gallons 151290 Max 227 Min 30 Avg 105

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens cleaned Ted
Air Valves OK Slide Gates OK SBR Blowers 1+2 Speed high-low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 9 min Waster Cycle 302 3 min

Lab Work

Sampler Initials T.F.L Analyst Initials T.F.L
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent								XXXX	
301								XXXX	
302								XXXX	
Effluent									

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.	0.			
302	25	0.	0.			
Effluent	1000	0.	0.			

Date 8/2/19 Day Friday Time 7Am Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge 1.0 / 7.0 W.A.S 8 / 8

Ops Building

Heating Fuel 2870 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15741193 Parshall Flume 7935640
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 69°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons ~~138~~ 137840 Max 216 Min 33 Avg 96

SBR Building

UV Operation 95 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 5 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On _____ Compositor Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	69°	6.9	1.1	1.5	8	XXXX	280
301	9:55	10:00	73°	6.9	2.4	2.8	300	XXXX	200
302	7:40	7:45	73°	7.0	2.0	2.1	320	XXXX	210
Effluent	7:05	7:15	73°	6.9	6.3	7.0	0	.5	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 4112	0. 4583	1764		
302	25	0. 4136	0. 4605	1876		
Effluent	1000	0.	0.			

Date 8 / 1 / 19 Day Thursday Time 7AM Temp 68°
Precipitation .75 Weather nice

LAB

Thickened Sludge 2 / 6 W.A.S 8 / 7

Ops Building

Heating Fuel 2940 Gallons Generator Hours 946 Block Heater ✓
Oil and Coolant . Battery Condition Run For Hour no
Run Trailer Mounted Generators . Boiler Temp — Boiler Pressure —

Lower Pump Station

Pumped Flow 15819127 Parshall Flume 7717930
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.4 Temp 69°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 151860 Max 221 Min 38 Avg 105

SBR Building

UV Operation 96 % Pump Number 1+2 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed high low
Standby 3 W.A.S Blowers 4 Speed high
Waste Cycle 301 9 min Waster Cycle 302 4 min

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:20	7:30	69°	6.4	.8	.9	10	XXXX	260
301	9:40	9:45	73°	6.8	3.0	3.1	280	XXXX	240
302	755	8:00	73°	6.7	2.5	2.7	300	XXXX	230
Effluent	7:25	735	73°	6.9	6.9	7.3	0	.4	230

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4117	0.4929	1248		
302	25	0.4138	0.4483	1380		
Effluent	1000	0.	0.			