ing Process Confirm

https://netdmr.epa.gov/netdmr/protected/sign_submit_dmr.htm?_flowId=permitadmin_access_request_user-flow&_flowExecutionKey=e1s11

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User:plewis@deepriverct.us, Permittee User

et DMR
work Discharge
itoring Report

Connecticut DEP

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ing Process Confirmation - CDX Activity ID: _e398d69f-1367-476c-b4bb-a3794def67c9

are undergoing the Signing Process

	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
5	DEEP RIVER WPCF	001	001-1	SANITARY SEWAGE	10/31/19	11/15/19

here to search

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)			Sus
	Max	Min	Total	MLSS	SVI	Low D.O.	High D.O.	MLSS	SVI	Low D.O.	High 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			MG
Testing	Daily																		Daily	Weekly	Weekly	Daily	Weekly			
Date										Work Day																
1	0.32112	0.03024	0.16962	1136	340	2.1	2.4	1148	280	2.3	2.8	6.7	7	59	70	0	0.6	4	0.94			6.8	255	2	99	204
2	0.32112	0.03024	0.15519	1084	280	3.4	3.9	1188	320	1.2	1.9	6.4	7	59	70	0	0.6	3	0.94			6.3				
3	0.31248	0.03168	0.14591	1156	280	2.3	2.7	1092	300	2	2.6	6.5	6.8	58	70	0	0.8	3	0			7.2				
4	0.28368	0.0288	0.15038	1044	280	2.2	2.5	996	280	2.7	2.9	6.5	7	62	70	0	0.6	8	0			6.7				
5	0.36	0.02016	0.1494	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
6	0.28944	0.02592	0.13965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
7	0.29952	0.03312	0.14491	780	280	2.1	2.4	1024	280	2.6	2.9	6.6	6.9	57	70	0	0.9	8	0			7.1				
8	0.3312	0.04176	0.13181	1404	310	2.1	2.3	1032	280	2.9	3.2	6.4	6.9	58	70	0	0.7	9	0			7.2	267	2	99	176
9	0.33264	0.03888	0.13328	1048	280	2.9	3.2	1468	320	2.1	2.5	6.7	7	62	66	0	0.7	8	0			7.4				
10	0.30528	0.036	0.14631	1096	280	2.4	2.6	1248	300	1.8	2.1	6.5	6.9	58	66	0	1.2	8	0			6.9				
11	0.31248	0.04464	0.14155	844	300	3.2	3.6	948	300	2.1	2.6	6.5	6.9	58	67	0	0.9	4	0			6.7				
12	0.30816	0.03024	0.12936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
13	0.40032	0.03312	0.13349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
14	0.37728	0.03888	0.14993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
15	0.3024	0.04032	0.12855	1524	280	1.8	2.6	2472	300	1.9	2.2	6.6	6.8	60	65	0	0.8	7	0			6.8	1032	4.2	99	1348
16	0.51408	0.04032	0.12726	1152	300	2.1	2.4	1140	280	1.8	2.4	6.7	7.1	58	66	0	1.1	7	0			7.2				
17	0.21168	0.02736	0.13248	1564	300	2.5	2.7	1504	300	2.1	2.4	6.7	6.9	65	66	0	0.8	12	0			7.2				
18	0.33696	0.04176	0.16783	1924	320	2.1	2.4	0	300	1.6	2	6.7	7	58	66	0	1.4	12	0			6.2				
19	0.31104	0.04752	0.14899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
20	0.33552	0.04176	0.15144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
21	0.34704	0.05184	0.16002	1160	300	2.5	2.8	1160	300	2.2	2.6	6.7	7.1	58	66	0	1.4	7	0			6.7				
22	0.32112	0.04752	0.15215	1184	260	2.9	3.4	1184	280	2.3	2.8	6.7	7	58	66	0	0.8	7	0			6.8	666	2	99	804
23	0.31968	0.04752	0.14857	1672	360	2.3	2.5	1672	340	1.8	2.1	6.6	6.9	59	67	0	0.6	7	0			6.2				
24	0.33264	0.02016	0.15955	2000	380	2.5	2.8	2000	340	2.2	2.9	6.7	6.9	57	66	0	1.9	7	0			6.2				
25	0.2808	0.03456	0.14195	1024	380	2.4	2.7	1024	360	1.7	2.2	6.6	6.9	58	66	0	1.2	0	0			6.5				
26	0.3528	0.04032	0.15093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
27	0.3528	0.04464	0.1534	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0			0				
28	0.42336	0.04608	0.1798	1852	380	1.7	2.4	1852	420	1.9	2.2	6.6	7	59	67	0	1.3	13	0			6.5				
29	0.40464	0.01872	0.16032	1168	280	1.4	1.9	1168	280	2.3	2.7	6.6	7	58	66	0	0.8	16	0			7.1	379	2	99	264
30	0.39744	0.0504	0.17153	1104	280	2.7	2.9	1104	280	2.8	3.1	6.7	7.2	58	66	0	0.8	0	0			6.7				
31	0.39312	0.05328	0.17742	1496	300	1.8	2.4	1496	280	2.2	2.6	6.7	7	58	66	0	1.1	12	0			6.9				

spended 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.
S/L	%	MG/L		MG/L		MG/L		MG/L		MG/L		# / Day	MG/L	MG/L	MG/L	
Weekly		Monthly														
1	99	33.6	ND	ND	ND	0.15	1.2	48.5	2.22	48.7	3.42	4.7	0.39	0.32	148	23.9
1	99															
4	99															
ND	100															
3	98															

Sludge Disposal Location:
Mattabasset Sewer District

Please return forms to:
DEEP - Water Bureau
ATTN: Municipal Wastewater Monitoring Coordinator
Municipal Facilities
710 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:

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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 Date: 10/29/2019
Receipt Date: 10/29/2019
Report Date: 11/6/2019
Sample Site: Influent

Sample ID#: 128467
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	379	mg/L	SM5210B	2	10/30/2019	KC
Total Suspended Solids	264	mg/L	SM2540D	1	10/30/2019	JM

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: 10/29/2019
Receipt Date: 10/29/2019
Report Date: 11/6/2019
Sample Site: Effluent

Sample ID#: 128468
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	10/30/2019	KC
Total Suspended Solids	3.00	mg/L	SM2540D	1	10/30/2019	JM

DAVID BARRIS, LABORATORY DIRECTOR

ND = Not Detected

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	Required Analysis: BOD	TSS		Fecal/Enterocci (May-Oct)					ECL Sample I.D.#
	Influent	10/29/19	8:25	X		X		1	X	X							128467
	Effluent	10/29/19	8:15	X		X		1	X	X							128468
	Effluent			X			X	1				X					

Relinquished by: Date 10/29/19 Time
Received by: 10/29/19 9:37AM

Relinquished by: Date Time
Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 4°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
What 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 Date: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/9/2019
Sample Site: Influent

Sample ID#: 127915
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	255	mg/L	SM5210B	2	10/2/2019	KC
Total Suspended Solids	204	mg/L	SM2540D	1	10/4/2019	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: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/9/2019
Sample Site: Effluent

Sample ID#: 127916
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	10/2/2019	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	10/4/2019	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 Ell

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Sample Type: Solid	Sample Type: Comp	Sample Type: Grab	Number of Containers	Required Analysis: TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct				Cl_2 Res.	ECL Sample I.D.#
	Influent (Monthly)	10/1/19	8:10	X		X		2	x	x			1 - 16oz 1 - 4oz (H2S04)					
	Effluent (Monthly)	10/1/19	8:20	X		X		2	x	x			1 - 32oz 1 - 4oz (H2S04)					
	Influent (Monthly)	10/1/19	8:15	X			X	1			x		1 - 8oz					
	Effluent (Monthly)	10/1/19	8:25	X			X	1			x		1 - 8oz					
	Influent (Weekly)	10/1/19	8:10	X		X		1				x		1 - 8oz				127915
	Effluent (Weekly)	10/1/19	8:20	X		X		1				x		1 - 16oz				127916
	Effluent (Weekly)	10/1/19	8:25	X			X	1					x	1 - Bact.				

Relinquished by:	Date	Time	Received by:	Date	Time
				10/1/19	937
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 contaiers? (Y) N
If No Explain

Are contaiers 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 Date: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/11/2019
Sample Site: Influent

Sample ID#: 127911
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	33.6	mg/L	ASTM D6919-03	0.05	10/5/2019	KC
Nitrate as N	0.15	mg/L	EPA300.0	0.1	10/1/2019	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	10/1/2019	JB
Orthophosphate as P	4.18	mg/L	EPA300.0	0.02	10/1/2019	JB
Phosphorous -Total as P	10.2	mg/L	EPA 200.7	0.04	10/8/2019	JB
TKN as N	48.5	mg/L	4500NorgC	0.5	10/9/2019	KC
Total Nitrogen as N	48.7	mg/L	CALC	1	10/10/2019	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 Date: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/11/2019
Sample Site: Effluent

Sample ID#: 127912
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	ND	mg/L	ASTM D6919-03	0.05	10/5/2019	KC
Nitrate as N	1.20	mg/L	EPA300.0	0.1	10/1/2019	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	10/1/2019	JB
Orthophosphate as P	0.31	mg/L	EPA300.0	0.02	10/1/2019	JB
Phosphorous -Total as P	0.39	mg/L	EPA 200.7	0.04	10/8/2019	JB
TKN as N	2.22	mg/L	4500NorgC	0.5	10/9/2019	KC
Total Nitrogen as N	3.42	mg/L	CALC	1	10/10/2019	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 Date: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/11/2019
Sample Site: Influent

Sample ID#: 127913
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity	148	mg/L	SM2320-B	20	10/4/2019	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Report of Analysis

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

Sample Date: 10/1/2019
Receipt Date: 10/1/2019
Report Date: 10/11/2019
Sample Site: Effluent

Sample ID#: 127914
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity	23.9	mg/L	SM2320-B	20	10/4/2019	KC

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	Required Analysis	Cl_2 Res.	ECL Sample I.D.#
	Influent (Monthly)	10/1/19	8:10	X		X		2	x	x				1 - 16oz 1 - 4oz (H2S04)		12911
	Effluent (Monthly)	10/1/19	8:20	X		X		2	x	x				1 - 32oz 1 - 4oz (H2S04)		12912
	Influent (Monthly)	10/1/19	8:15	X			X	1			x			1 - 8oz		12913
	Effluent (Monthly)	10/1/19	8:25	X			X	1			x			1 - 8oz		12914
	Influent (Weekly)	10/1/19	8:10	X		X		1				x		1 - 8oz		
	Effluent (Weekly)	10/1/19	8:20	X		X		1				x		1 - 16oz		
	Effluent (Weekly)	10/1/19	8:25	X			X	1					x	1 - Bact.		

Relinquished by:	Date	Time	Received by:	Date	Time
				10/1/19	937
Relinquished by:	Date	Time	Received by:		

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 2.6 °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 Date: 10/8/2019
Receipt Date: 10/8/2019
Report Date: 10/16/2019
Sample Site: Influent

Sample ID#: 128087
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	267	mg/L	SM5210B	2	10/10/2019	KC
Total Suspended Solids	176	mg/L	SM2540D	1	10/11/2019	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 Date: 10/8/2019
Receipt Date: 10/8/2019
Report Date: 10/16/2019
Sample Site: Effluent

Sample ID#: 128088
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	10/10/2019	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	10/11/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

C SULTING 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	Required Analysis: BOD	Required Analysis: TSS	Required Analysis: Fecal/Enterocci (May-Oct)	ECL Sample I.D.#
	Influent	10/8/19	8:00	X		x		1	x	x		128087
	Effluent	10/8/19	8:10	X		x		1	x	x		128088
	Effluent			x			x	1			x	

Relinquished by: _____ Date _____ Time _____ Received by: _____ 10/9/19 9:57

Relinquished by: _____ Date _____ Time _____ Received by: _____

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N
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 spec needed _____

1005 BOSTON POST ROAD
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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 Date: 10/15/2019
Receipt Date: 10/15/2019
Report Date: 10/24/2019
Sample Site: Influent

Sample ID#: 128189
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	1032	mg/L	SM5210B	2	10/16/2019	KC
Total Suspended Solids	1348	mg/L	SM2540D	1	10/18/2019	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: 10/15/2019
Receipt Date: 10/15/2019
Report Date: 10/24/2019
Sample Site: Effluent

Sample ID#: 128190
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	4.20	mg/L	SM5210B	2	10/16/2019	KC
Total Suspended Solids	4.00	mg/L	SM2540D	1	10/18/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

C SULTING 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	Required Analysis: BOD	Required Analysis: TSS	Required Analysis: Fecal/Enterocci (May-Oct)	ECL Sample I.D.#
	Influent	10/15/19	8:00	X		x		1	x	x		128189
	Effluent	10/15/19	8:10	X		x		1	x	x		128190
	Effluent			x			x	1			x	

Relinquished by:
Date: 10/15/19 Time:
Received by: 10/15/19 9:32

Relinquished by:
Date: Time:
Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 1.5 °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 Date: 10/22/2019
Receipt Date: 10/22/2019
Report Date: 10/30/2019
Sample Site: Influent

Sample ID#: 128323
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	666	mg/L	SM5210B	2	10/23/2019	KC
Total Suspended Solids	804	mg/L	SM2540D	1	10/25/2019	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: 10/22/2019
Receipt Date: 10/22/2019
Report Date: 10/30/2019
Sample Site: Effluent

Sample ID#: 128324
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	10/23/2019	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	10/25/2019	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	Sample Type: Solid	Sample Type: Comp	Sample Type: Grab	Number of Containers	Required Analysis: BOD	Required Analysis: TSS	Required Analysis: Fecal/Enterocci (May-Oct)	ECL Sample I.D.#
	Influent	10/22/19	8:10	X		X		1	X	X		128323
	Effluent	10/22/19	8:00	X		X		1	X	X		128324
	Effluent			X			X	1			X	

Relinquished by:
Date: 10/22/19 Time: 9:34
Received by:

Relinquished by:
Date: Time:
Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 4°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
~~Wrong type needed~~

Date 10/31/19
Time 7:00 AM
Day Friday
Weather Sunny
Precipitation 0 Inches
Temp 54 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	8	6	6

OPS

Heating Fuel 3440 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 166 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 17245473 Parshall Flume 20774770 LVL 2.6
Total 177420 Max 273 Min 37 Avg 123
Lead 3 Lag 2 2nd Lag 1 Temp 66
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 302 Blower Speed High
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 6 mins 302 Waste 6 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:30	58	6.7	2.1	2.5	10	XXX	250
301	10:10	10:15	66	6.9	1.8	2.4	300	XXX	210
302	8:00	8:05	66	7	2.2	2.6	280	XXX	230
Effluent	7:25	7:35	66	7	5.7	6.9	0	1.1	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4207	4581	1496
302	25	4326	4602	1104
Effluent	1000			

Date 10/30/19
Time 7:00 AM
Day Wednesday
Weather Cloudy
Precipitation 0.5 Inches
Temp 51 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	11	10	10

OPS

Heating Fuel 3150 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 162 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 17338920 Parshall Flume 20522610 LVL 2.4
Total 171530 Max 276 Min 35 Avg 119
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Select SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 0 mins 302 Waste 0 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	10:20	10:30	58	6.7	0.8	1.6	14	XXX	280
301	10:00	10:05	66	6.9	2.7	2.9	280	XXX	240
302	8:00	8:10	66	6.7	2.8	3.1	280	XXX	210
Effluent	10:25	10:35	66	7.2	6.5	6.7	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4196	4472	1104
302	25	4282	4590	1232
Effluent	1000			

Date 10/29/19
Time 7:00 AM
Day Tuesday
Weather Rain
Precipitation 0.25 Inches
Temp 48 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	9	9	9

OPS

Heating Fuel 2950 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 180 Boiler Pres. 12
Port Gen Run No

Lower PSTA

Pumped Flow 17200571 Parshall Flume 20426680 LVL
Total 160320 Max 281 Min 13 Avg 111
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Select SBR Blower 301 Blower Speed Low
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 8 mins 302 Waste 8 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 10/29/19 @8:15

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:30	58	6.6	0.7	1	8	XXX	240
301	10:05	10:10	66	6.8	1.4	1.9	280	XXX	220
302	8:00	8:05	66	6.9	2.3	2.7	280	XXX	220
Effluent	7:25	7:35	66	7	6.7	7.1	0	0.8	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4276	4568	1168
302	25	4127	4407	1120
Effluent	1000			

Date 10/28/19
Time 7:00 AM
Day Monday
Weather Sunny
Precipitation 2.5 Inches
Temp 57 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	8	7	7

OPS

Heating Fuel 2790 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 170 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 17479002 Parshall Flume 20266400 LVL 2.5
Total 179800 Max 294 Min 32 Avg 125
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Select
Slide Gates Select SBR Blower 301 Blower Speed Low
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 4 mins 302 Waste 9 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On 101/28/19 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:20	59	6.6	1.4	1.5	12	XXX	250
301	10:00	10:10	66	6.9	1.7	2.4	380	XXX	260
302	8:10	8:15	66	7.1	1.9	2.2	420	XXX	280
Effluent	7:05	7:10	67	7	6.1	6.5	0	1.3	240

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4209	4672	1852
302	25	4138	4668	2120
Effluent	1000			

Date 10/27/19
Time 7:00 AM
Day Sunday
Weather Rain
Precipitation 1 Inches
Temp 58 Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 153400 Max 245 Min 31 Avg 106
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/26/19
Time AM
Day Saturday
Weather Sunny
Precipitation 0 Inches
Temp 67 Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 150930 Max 245 Min 28 Avg 105
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/25/19
Time 7:00 AM
Day Friday
Weather Sunny
Precipitation 0 Inches
Temp 65 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	6	6

OPS

Heating Fuel 3450 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 168 Boiler Pres. 12
Port Gen Run No

Lower PSTA

Pumped Flow 1723537 Parshall Flume 19704390 LVL 2.6
Total 141950 Max 195 Min 24 Avg 99
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed Low
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste mins 302 Waste mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:30	58	6.6	2.2	2.7	10	XXX	230
301	10:10	10:15	65	6.8	2.4	2.7	380	XXX	240
302	8:10	8:15	65	6.8	1.7	2.2	360	XXX	250
Effluent	7:25	7:35	66	6.9	5.9	6.5	0	1.2	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4134	4390	1024
302	25	4120	4450	1320
Effluent	1000			

Date 10/24/19
Time 7:00 AM
Day Thursday
Weather Sunny
Precipitation 0 Inches
Temp 38 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	10	10

OPS

Heating Fuel 3870 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 168 Boiler Pres. 11
Port Gen Run No

Lower PSTA

Pumped Flow 17110861 Parshall Flume 19633400 LVL 2.6
Total 159550 Max 231 Min 14 Avg 111
Lead 3 Lag 2 2nd Lag 1 Temp 68
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 4 mins 302 Waste 3 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	57	6.7	0.5	0.9	6	XXX	240
301	10:05	10:10	67	6.9	2.5	2.8	380	XXX	240
302	8:10	8:15	67	6.8	2.2	2.9	340	XXX	230
Effluent	7:05	7:15	66	6.9	5.8	6.2	0	1.9	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4180	4680	2000
302	25	4206	4672	1864
Effluent	1000			

Date 10/23/19
Time 7:00 AM
Day Wednesday
Weather Sunny
Precipitation 0.5 Inches
Temp 57 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	9	9

OPS

Heating Fuel 3550 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 180 Boiler Pres. 14
Port Gen Run No

Lower PSTA

Pumped Flow 17096028 Parshall Flume 19512430 LVL 2.3
Total 148570 Max 222 Min 33 Avg 103
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 4 mins 302 Waste 3 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:17	7:25	59	6.6	0.7	1.2	8	XXX	200
301	10:10	10:15	68	7.1	2.3	2.5	360	XXX	230
302	8:05	8:10	68	6.8	1.8	2.1	340	XXX	230
Effluent	7:20	7:30	67	6.9	5.8	6.2	0	0.6	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4204	4622	1672
302	25	4119	4629	2040
Effluent	1000			

Date 10/22/19
Time 7:00 AM
Day Tuesday
Weather Sunny
Precipitation 0.75 Inches
Temp 42 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	7	7

OPS

Heating Fuel 3910 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 176 Boiler Pres. 14
Port Gen Run No

Lower PSTA

Pumped Flow 17071922 Parshall Flume 19322520 LVL 2.5
Total 152150 Max 223 Min 33 Avg 106
Lead 3 Lag 2 2nd Lag 1 Temp 68
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 3 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	58	6.7	1.9	2.5	14	XXX	230
301	10:05	10:10	66	6.9	2.9	3.4	260	XXX	240
302	8:05	8:10	66	6.8	2.3	2.8	280	XXX	220
Effluent	7:05	7:15	66	7	6.5	6.8	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4190	4486	1184
302	25	4205	4503	1192
Effluent	1000			

Date 10/22/19
Time 7:00 AM
Day Tuesday
Weather Sunny
Precipitation 0.75 Inches
Temp 42 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	7	7

OPS

Heating Fuel 3910 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 176 Boiler Pres. 14
Port Gen Run No

Lower PSTA

Pumped Flow 17071922 Parshall Flume 19322520 LVL 2.5
Total 152150 Max 223 Min 33 Avg 106
Lead 3 Lag 2 2nd Lag 1 Temp 68
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 3 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	58	6.7	1.9	2.5	14	XXX	230
301	10:05	10:10	66	6.9	2.9	3.4	260	XXX	240
302	8:05	8:10	66	6.8	2.3	2.8	280	XXX	220
Effluent	7:05	7:15	66	7	6.5	6.8	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4190	4486	1184
302	25	4205	4503	1192
Effluent	1000			

Date 10/21/19
Time 7:00 AM
Day Monday
Weather Sunny
Precipitation 0 Inches
Temp 57 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	7	9	9

OPS

Heating Fuel 3620 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 166 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 17052277 Parshall Flume 19174990 LVL 2.6
Total 160020 Max 241 Min 36 Avg 111
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 3 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On 10/21/19 @ 7:20 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:05	7:10	58	6.7	1.2	1.6	8	XXX	230
301	10:10	10:15	66	6.9	2.5	2.8	300	XXX	240
302	8	8:05	66	6.8	2.2	2.6	300	XXX	220
Effluent	7:15	7:20	66	7.1	6.6	6.7	0	1.4	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4219	4509	1160
302	25	4118	4480	1448
Effluent	1000			

Date 10/20/19
Time AM
Day Sunday
Weather
Precipitation Inches
Temp Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 151440 Max 233 Min 29 Avg 105
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/19/19
Time AM
Day Saturday
Weather
Precipitation Inches
Temp Degrees F

Lab

Tknd Sludge LVL 701 702 W.A.S LVL 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 148990 Max 216 Min 33 Avg 103
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/18/19
Time 6:30 AM
Day Friday
Weather Sunny
Precipitation 0 Inches
Temp 52 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	6	8	8

OPS

Heating Fuel 3802 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 160 Boiler Pres. 14
Port Gen Run No

Lower PSTA

Pumped Flow Parshall Flume LVL
Total Max Min Avg
Lead 3 Lag 2 2nd Lag 1 Temp 66
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Select SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 8 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	6:30	6:35	58	6.7	3.1	3.4	12	XXX	200
301	6:05	6:10	66	6.8	2.1	2.4	320	XXX	210
302	7:55	8	66	6.7	1.6	2	300	XXX	230
Effluent	7:05	7:10	66	7	5.8	6.2	0	1.4	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4116	4597	1924
302	25	4162	4522	1440
Effluent	1000			

Date	10/17/19								
Time	7:00 AM								
Day	Thursday								
Weather	Rain								
Precipitation	2.25	Inches							
Temp	54	Degrees F							
				Lab					
Tknd Sludge LVL		W.A.S LVL							
701	702	501	502						
0	7	8	8						
				OPS					
Heating Fuel	3460	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	167	Boiler Pres.	11		
Port Gen Run	No								
				Lower PSTA					
Pumped Flow	16986171	Parshall Flume		18561820	LVL	2.7			
Total	132480	Max	147	Min	19	Avg	92		
Lead	3	Lag	2	2nd Lag	1	Temp	65		
Heat	On	Grinder	Off	Hyraulic LVL	Good				
				SBR					
UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301		Blower Speed	High		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	8	mins		302 Waste	4	mins			
				Lab					
Sampler Initials	JE	Analyst Initials	JE						
Compositor On		Compositor Off							

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:05	7:15	65	6.7	1.2	1.8	10	XXX	210
301	9:55	10	66	6.8	2.5	2.7	300	XXX	210
302	8	8:05	66	6.8	2.1	2.4	300	XXX	200
Effluent	7:10	7:20	66	6.9	6.8	7.2	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4291	4682	1564
302	25	4303	4679	1504
Effluent	1000			

Date	10/16/19								
Time	7:00 AM								
Day	Wednesday								
Weather	Sunny								
Precipitation	0	Inches							
Temp	62	Degrees F							

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	6	6	6

OPS

Heating Fuel	3510	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								

Lower PSTA

Pumped Flow	16977227	Parshall Flume	18459800	LVL	2.7				
Total	127260	Max	357	Min	28	Avg	88		
Lead	3	Lag	2	2nd Lag	1	Temp	65		
Heat	On	Grinder	On	Hyraulic LVL	Good				

SBR

UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower	301	Blower Speed	High				
Standby	303	W.A.S Blower	305	Blower Speed	High				
301 Waste	4	mins		302 Waste	3	mins			

Lab

Sampler Initials	JE	Analyst Initials	JE
Compositor On		Compositor Off	

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:30	7:40	58	6.7	0.8	1	12	XXX	280
301	10:10	10:15	66	6.7	2.1	2.4	300	XXX	220
302	8:05	8:10	66	6.9	1.8	2.4	280	XXX	200
Effluent	7:35	7:45	66	7.1	6.7	7.2	0	1.1	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4296	4584	1152
302	25	4317	4602	1140
Effluent	1000			

Date 10/15/19
Time 7:00 AM
Day Tuesday
Weather Sunny
Precipitation 0 Inches
Temp 48 Degrees F

Lab

Tknd Sludge LVL | W.A.S LVL

701	702	501	502
0	6	7	7

OPS

Heating Fuel 3990 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp off Boiler Pres. off
Port Gen Run No

Lower PSTA

Pumped Flow 16951687 Parshall Flume 18291380 LVL 2.6
Total 128550 Max 210 Min 28 Avg 89
Lead 3 Lag 2 2nd Lag 1 Temp 64
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 4 mins 302 Waste 3 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 10/15/19 @ 8:05

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:30	7:40	60	6.6	0.8	1.1	16	XXX	210
301	10	10:05	65	6.8	1.8	2.6	280	XXX	200
302	8:00	8:05	65	6.7	1.9	2.2	300	XXX	200
Effluent	7:35	7:45	65	6.8	6.5	6.8	0	0.8	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4209	4590	1524
302	25	4152	4770	2472
Effluent	1000			

Date 10/14/19
Time 7:00 AM
Day Monday
Weather Sunny
Precipitation 0 Inches
Temp 60 Degrees F

0

Tknd Sludge LVL W.A.S LVL

701	702	501	502
0	7	8	8

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow 16934865 Parshall Flume 18163040 LVL
Total 149930 Max 262 Min 27 Avg 102
Lead 3 Lag 2 2nd Lag 1 Temp 63
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 4 mins 302 Waste 3 mins

Lab

Sampler Initials Analyst Initials
Compositor On 10/14/19 @ 8:00 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/13/19
Time AM
Day Sunday
Weather
Precipitation Inches
Temp Degrees F

Lab

Tknd Sludge LVL W.A.S LVL

701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 133490 Max 278 Min 23 Avg 93
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/12/19
Time AM
Day Saturday
Weather
Precipitation Inches
Temp Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 129360 Max 214 Min 21 Avg 89
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date	10/11/19								
Time	7:00 AM								
Day	Friday								
Weather	Sunny								
Precipitation	0	Inches							
Temp	58	Degrees F							

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	6	8	8

OPS

Heating Fuel	3890	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								

Lower PSTA

Pumped Flow	16893296	Parshall Flume	17747160	LVL	2.4				
Total	141550	Max	217	Min	31	Avg	98		
Lead	3	Lag	2	2nd Lag	1	Temp	67		
Heat	On	Grinder	On	Hyraulic LVL	Good				

SBR

UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301		Blower Speed	High		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	2	mins		302 Waste	2	mins			

Lab

Sampler Initials	JE	Analyst Initials	JE
Compositor On		Compositor Off	

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:30	58	6.5	0.7	0.9	12	XXX	260
301	10	10:05	67	6.7	3.2	3.6	300	XXX	220
302	8:05	8:10	67	6.9	2.1	2.6	300	XXX	210
Effluent	7:25	7:35	67	6.9	6.4	6.7	0	0.9	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4290	4501	844
302	25	4385	4622	948
Effluent	1000			

Date	10/10/19								
Time	7:00 AM								
Day	Thursday								
Weather	Cloudy								
Precipitation	0	Inches							
Temp	58	Degrees F							

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	4	8	8

OPS

Heating Fuel	3890	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								

Lower PSTA

Pumped Flow	16873483	Parshall Flume	17537220	LVL	2.5				
Total	146310	Max	212	Min	25	Avg	102		
Lead	3	Lag	2	2nd Lag	1	Temp	67		
Heat	On	Grinder	On	Hyraulic LVL	Good				

SBR

UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301		Blower Speed	High		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	4	mins		302 Waste	4	mins			

Lab

Sampler Initials	JE	Analyst Initials	JE
Compositor On		Compositor Off	

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	10:30	10:40	58	6.5	1.6	2.2	14	XXX	260
301	9:50	9:55	66	7	2.4	2.6	280	XXX	230
302	8	8:05	66	6.8	1.8	2.1	300	XXX	200
Effluent	10:35	10:45	66	6.9	6.5	6.9	0	1.2	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4327	4601	1096
302	25	4310	4622	1248
Effluent	1000			

Date 10/9/19
Time 7:00 AM
Day Wednesday
Weather Sunny
Precipitation 0 Inches
Temp 58 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	5	8	8

OPS

Heating Fuel 3960 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp off Boiler Pres. off
Port Gen Run No

Lower PSTA

Pumped Flow 16859205 Parshall Flume 17455810 LVL 2.8
Total 133280 Max 231 Min 27 Avg 92
Lead 3 Lag 2 2nd Lag 1 Temp 64
Heat On Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301 Blower Speed High
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 4 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	62	6.7	2.2	3	14	XXX	260
301	10:05	10:10	67	6.9	2.9	3.2	280	XXX	240
302	7:55	8	67	6.8	2.1	2.5	320	XXX	220
Effluent	7:15	7:25	66	7	6.9	7.4	0	0.7	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4290	4552	1048
302	25	4310	4677	1468
Effluent	1000			

Date	10/8/19								
Time	7:00	AM							
Day	Tuesday								
Weather	Rain								
Precipitation	1.25	Inches							
Temp	66	Degrees F							
				Lab					
Tknd Sludge LVL		W.A.S LVL							
701	702	501	502						
0	5	7	7						
				OPS					
Heating Fuel	3910	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								
				Lower PSTA					
Pumped Flow	16841319	Parshall Flume		17325420	LVL	2.6			
Total	131810	Max	230	Min	29	Avg	92		
Lead	3	Lag	2	2nd Lag	1	Temp	66		
Heat	On	Grinder	On	Hyraulic LVL	Good				
				SBR					
UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301+302		Blower Speed	High/Low		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	5	mins		302 Waste	4	mins			
				Lab					
Sampler Initials	JE	Analyst Initials	JE						
Compositor On				Compositor Off		10/8/19 @ 8:20			

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:30	7:40	58	6.4	0.8	1.2	14	XXX	260
301	10:10	10:15	70	6.7	2.1	2.3	310	XXX	230
302	8	8:05	70	6.8	2.9	3.2	280	XXX	220
Effluent	7:35	7:45	70	6.9	7.1	7.2	0	0.7	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4285	4636	1404
302	25	4334	4592	1032
Effluent	1000			

Date	10/7/19								
Time	7:00	AM							
Day	Monday								
Weather	Sunny								
Precipitation	0	Inches							
Temp	64	Degrees F							

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	4	6	6

OPS

Heating Fuel	4000	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								

Lower PSTA

Pumped Flow		Parshall Flume			LVL	2.6			
Total	144910	Max	208	Min	23	Avg	100		
Lead	3	Lag	2	2nd Lag	1	Temp	67		
Heat	Off	Grinder	On	Hyraulic LVL	Good				

SBR

UV Operation		UV Pump		Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301+302		Blower Speed	High/Low		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	4	mins		302 Waste	4	mins			

Lab

Sampler Initials	JE	Analyst Initials	JE
Compositor On		Compositor Off	

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	57	6.6	1	1.7	18	XXX	230
301	10:05	10:10	70	6.7	2.1	2.4	280	XXX	210
302	8	8:05	70	6.9	2.6	2.9	280	XXX	240
Effluent	7:15	7:25	70	6.9	6.7	7.1	0	0.9	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4302	4497	780
302	25	4326	4582	1024
Effluent	1000			

Date 10/6/19
Time 7:00 AM
Day Sunday
Weather Sunny
Precipitation 0 Inches
Temp 66 Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 139650 Max 201 Min 18 Avg 97
Lead Lag 2nd Lag Temp 67
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/5/19
Time 7:30 AM
Day Saturday
Weather Cloudy
Precipitation 0 Inches
Temp 56 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	5	6	6

OPS

Heating Fuel Gallons Gen Hrs Block Htr. Oil/coolant
Bat. Cond. Select Test Run Select Boiler Temp Boiler Pres.
Port Gen Run Select

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 149400 Max 250 Min 14 Avg 103
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Select Air Valves Select
Slide Gates Select SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste mins 302 Waste mins

Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent								XXX	
301								XXX	
302								XXX	
Effluent									

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

Date 10/4/19
Time 7:00 AM
Day Friday
Weather Sunny
Precipitation 0 Inches
Temp 61 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	5	8	8

OPS

Heating Fuel 4000 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp off Boiler Pres. off
Port Gen Run No

Lower PSTA

Pumped Flow 16800128 Parshall Flume 16731020 LVL 2.5
Total 150380 Max 197 Min 20 Avg 104
Lead 3 Lag 2 2nd Lag 1 Temp 67
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301+302 Blower Speed High/Low
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 4 mins 302 Waste 4 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	8:20	8:30	62	6.5	0.7	1.2	14	XXX	260
301	10	10:05	70	7	2.2	2.5	280	XXX	190
302	7:50	7:55	70	6.8	2.7	2.9	280	XXX	210
Effluent	8:25	8:35	70	7	6.3	6.7	0	0.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4301	4562	1044
302	25	4322	4571	996
Effluent	1000			

Date 10/3/19
Time 7:00 AM
Day Thursday
Weather Sunny
Precipitation 0 Inches
Temp 62 Degrees F

Lab

Tknd Sludge LVL | W.A.S LVL

701	702	501	502
0	4	7	7

OPS

Heating Fuel 4000 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp off Boiler Pres. off
Port Gen Run No

Lower PSTA

Pumped Flow 16770918 Parshall Flume 16620910 LVL 2.6
Total 145910 Max 217 Min 22 Avg 101
Lead 3 Lag 2 2nd Lag 1 Temp 66
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301+302 Blower Speed High/Low
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 3 mins 302 Waste 0 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	58	6.5	1.1	1.2	10	XXX	240
301	10:05	10:10	70	6.7	2.3	2.7	280	XXX	210
302	8	8:05	70	6.9	2	2.6	300	XXX	200
Effluent	7:15	7:25	70	6.8	6.7	7.2	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4209	4498	1156
302	25	4301	4574	1092
Effluent	1000			

Date	10/2/19								
Time	7:00	AM							
Day	Wednesday								
Weather	Sunny								
Precipitation	0.25	Inches							
Temp	68	Degrees F							

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	4	7	7

OPS

Heating Fuel	4000	Gallons	Gen Hrs	946	Block Htr.	Good	Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp	off	Boiler Pres.	off		
Port Gen Run	No								

Lower PSTA

Pumped Flow	16752041	Parshall Flume		16541120	LVL	2.7			
Total	155190	Max	223	Min	21	Avg	106		
Lead	3	Lag	2	2nd Lag	1	Temp	67		
Heat	Off	Grinder	On	Hyraulic LVL	Good				

SBR

UV Operation	0.94	UV Pump	1+2	Clean Screens	Yes	Air Valves	Good		
Slide Gates	Good	SBR Blower		301+302		Blower Speed	High/Low		
Standby	303	W.A.S Blower		305		Blower Speed	High		
301 Waste	3	mins		302 Waste		mins			

Lab

Sampler Initials	JE	Analyst Initials	JE
Compositor On		Compositor Off	

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:05	7:15	59	6.4	0.6	1.3	14	XXX	280
301	10:00	10:05	70	6.7	3.4	3.9	280	XXX	210
302	7:50	7:55	70	6.9	1.2	1.9	320	XXX	230
Effluent	7:10	7:20	70	7	5.9	6.3	0	0.6	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4127	4398	1084
302	25	4112	4409	1188
Effluent	1000			

Date 10/1/19
Time 7:00 AM
Day Tuesday
Weather Rain
Precipitation 0.25 Inches
Temp 66 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	5	6	6

OPS

Heating Fuel 4000 Gallons Gen Hrs 946 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp off Boiler Pres. off
Port Gen Run No

Lower PSTA

Pumped Flow 16737193 Parshall Flume 16188890 LVL 2.8
Total 169620 Max 223 Min 21 Avg 115
Lead 3 Lag 2 2nd Lag 1 Temp 68
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation 0.94 UV Pump 1+2 Clean Screens Yes Air Valves Good
Slide Gates Good SBR Blower 301+302 Blower Speed High/Low
Standby 303 W.A.S Blower 305 Blower Speed High
301 Waste 4 mins 302 Waste 0 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 10/1/19 @ 8:10

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	59	6.7	1.1	1.8	8	XXX	270
301	10:00	10:05	70	6.8	2.1	2.4	340	XXX	250
302	8:00	8:05	70	6.9	2.3	2.8	280	XXX	240
Effluent	7:05	7:15	70	7	6.7	6.8	0	0.6	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4122	4406	1136
302	25	4136	4423	1148
Effluent	1000			