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			Work Day															Daily	Weekly	Weekly	Daily	Weekly			
Date																										
1	0.32976	0.03168	0.14544	1024	310	1.8	2.2	976	300	2.1	2.7	6.8	7.2	60	63	0	0.8	4	0			5.7	41	2	95.1	45
2	0.3528	0.04176	0.15696	1004	320	1.8	2.4	980	310	2.1	2.6	6.8	7	64	63	0	1.2	8	0			5.6				
3	0.35136	0.0576	0.15264	1044	320	2.2	2.6	1128	340	1.9	2.2	6.9	7.6	60	63	0	1.4	8	0			7.1				
4	0.32112	0.02016	0.12816	1032	310	2.1	2.2	1168	320	1.7	1.9	6.4	6.6	60	63	0	1.2	8				5.8				
5	0.3168	0.072	0.13824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0			0				
6	0.40608	0.04752	0.18576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0			0				
7	0.4176	0.06192	0.19152	1044	320	1.4	1.9	1040	330	1.6	1.9	6.2	6.7	54	58	0	0.8	0	0			6.1				
8	0.39456	0.06192	0.18	1120	320	1.9	3	1128	320	1.7	2.2	6.7	7.1	54	58	0	1.6	0	0			6.4	115	2	98.2	84
9	0.38016	0.04464	0.12096	1012	280	2	2.7	1016	300	1.5	1.9	6.5	6.8	55	58	0	1.4	8	0			4.2				
10	0.3888	0.01872	0.16128	1076	340	1.4	1.8	1056	320	2.3	2.5	6.8	7.4	54	52	0	0.8	6	0			7.4				
11	0.36144	0.0216	0.1584	1296	310	1	1.7	1132	320	1.2	1.8	6.8	6.9	54	54	0	1.2	8	0			6.3				
12	0.36576	0.0144	0.15984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0			0				
13	0.3888	0.04752	0.1656	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0			0				
14	0.37728	0.04752	0.16704	1192	310	1.6	1.8	1148	300	2.1	2.4	6.9	7.2	54	52	0	1.2	0	0			6.2				
15	0.37008	0.00864	0.16128	1088	320	2.1	2.4	1212	300	2.3	2.7	6.9	7.1	54	52	0	1.2	6	0			6.3	145	2.44	98.3	50
16	0.42048	0.01872	0.15552	1192	340	0.8	1.6	1176	320	1.1	1.5	6.9	6.9	53	50	0	0.8	6	0			5.1				
17	0.38016	0.0432	0.14976	1212	340	1.6	1.7	1100	300	2.4	2.5	6.9	6.9	54	54	0	1.1	6	0			6.1				
18	0.35568	0.05328	0.1512	1076	320	1.9	2.4	0	280	2.7	2.9	6.9	6.8	52	50	0	0.9	6	0			5.6				
19	0.37152	0.04176	0.15552	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0			0				
20	0.35712	0.03888	0.15984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0			0				
21	0.38304	0.03744	0.15264	1168	360	1.3	1.4	1168	320	1.6	2	6.8	7	55	52	0	1.2	6	0			4.5				
22	0.32688	0.04032	0.15408	1056	320	2.2	2.6	1056	280	1.8	2.1	6.9	7	54	52	0	1.4	10	0			4.8	132	2	98.4	86
23	0.38592	0.04896	0.14112	1096	300	1.6	1.8	1096	260	2.1	2.5	6.9	7.2	56	56	0	1.2	6	0			6.2				
24	0.47232	0.04032	0.13824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
25	0.37152	0.04032	0.16704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
26	0.55296	0.07488	0.18432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				
27	0.38304	0.04032	0.18576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0			0				
28	0.38736	0.07632	0.20304	1044	300	1.5	1.7	1044	260	1.8	2.1	6.8	6.9	56	56	0	1.5	4	0			5.5				
29	0.39168	0.07776	0.17856	1104	280	1.6	1.9	1104	260	2	2.5	6.6	6.8	58	56	0	1.5	6	0			4.8	74.7	2	97.3	58
30	0.4608	0.02016	0.13392	1192	360	1.9	2.4	1192	320	2.2	2.5	6.7	6.9	56	56	0	1.3	8	0			6.3				
31	0.41616	0.01872	0.13536	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0				

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.
G/L	%	MG/L		MG/L		MG/L		MG/L		MG/L		# / Day	MG/L	MG/L	MG/L	
Weekly		Monthly														
ND	100	17.9	ND	0.11	0.2	1.03	0.53	20.2	2.43	21.3	3.16	3.6	0.04	ND	62.8	37.7
1	98.8															
ND	100															
4	95.3															
0	100															

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 possibilily of fine and imprisonment for knowing violations.

Authorized Official: John Ely

Title: Chief operator

Signature:

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

Signing Process Confirmati...

mor0418 | Suggested Sites | Web Slice Gallery

Home | My Account | Request Access | Help | Logout

Usersplewis@deepriverct.us, Permittee User

Connecticut DEP

NetDMR
Network Discharge Monitoring Report

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

Session Lockout Timer: 29:55

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

Signing Process Confirmation - CDX Activity ID: _9fc24ad6-9ecb-45d5-b747-46e399bd2f84

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	12/31/20	01/15/21

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8:37 AM
1/11/2021

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

EcL 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#: 136519
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 12/1/2020
Receipt Date: 12/1/2020
Report Date: 12/2/2020
Sample Site: Listed Below

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity(1 - Influent)	62.8	mg/L	SM2320-B	20	12/2/2020	JM
Alkalinity(2 - Effluent)	37.7	mg/L	SM2320-B	20	12/2/2020	JM

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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EcL 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#: 136518
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 12/1/2020
Receipt Date: 12/1/2020
Report Date: 12/11/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	ND	mg/L	ASTM D6919-03	0.05	12/9/2020	KC
Nitrate as N	0.53	mg/L	EPA300.0	0.1	12/1/2020	JB
Nitrite as N	0.20	mg/L	EPA300.0	0.01	12/1/2020	JB
Orthophosphate as P	ND	mg/L	EPA300.0	0.02	12/1/2020	JB
Phosphorous -Total as P	0.04	mg/L	EPA 200.7	0.04	12/8/2020	JB
TKN as N	2.43	mg/L	4500NorgC	0.5	12/10/2020	KC
Total Nitrogen as N	3.16	mg/L	CALC	1	12/11/2020	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ECL 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#: 136520
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 12/1/2020
Receipt Date: 12/1/2020
Report Date: 12/9/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	41.0	mg/L	SM5210B	2	12/2/2020	KC
Total Suspended Solids	45.0	mg/L	SM2540D	1	12/4/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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EcL 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#: 136672
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 12/8/2020
Receipt Date: 12/8/2020
Report Date: 12/15/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	12/9/2020	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	12/10/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ECL 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#: 136838
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 12/15/2020
Receipt Date: 12/15/2020
Report Date: 12/22/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	145	mg/L	SM5210B	2	12/16/2020	KC
Total Suspended Solids	50.0	mg/L	SM2540D	1	12/18/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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EcL 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#: 136998
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 12/22/2020
Receipt Date: 12/22/2020
Report Date: 12/29/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	12/23/2020	KC
Total Suspended Solids	4.00	mg/L	SM2540D	1	12/22/2020	JM

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ECL 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#: 137062
Sample Type: Wastewater
Sample Source: WPCF
Sampler: client

Sample Date: 12/29/2020
Receipt Date: 12/29/2020
Report Date: 1/5/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	12/30/2020	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	12/29/2020	JM

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

Date 12/31/20
Time 7:00 AM
Day Thursday
Weather Sunny
Precipitation 0 Inches
Temp 22 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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 135360 Max 289 Min 13 Avg 94
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates 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	12/30/20										
Time	7:00 AM										
Day	Wednesday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	24 Degrees F										
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501		502						
0	4		6		6						
						OPS					
Heating Fuel	3820 Gallons		Gen Hrs		1086 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	24956003		Parshall Flume		44039572 LVL			2.6			
Total	133920 Max			320 Min			14 Avg			93	
Lead	3 Lag			1 2nd Lag			2 Temp			70	
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	6 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	6:15	6:30	56	6.7	2.3	3.6	10	XXX	230
301	7:30	7:35	56	6.7	1.9	2.4	360	XXX	210
302	9:50	9:55	56	7	2.2	2.5	320	XXX	240
Effluent	6:20	6:25	56	6.9	5.8	6.3	0	1.3	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5012	5310	1192
302	25	5015	5287	1088
Effluent	1000			

Date	12/29/20										
Time	6:30 AM										
Day	Tuesday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	30 Degrees F										
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501		502						
0	6		5		5						
						OPS					
Heating Fuel	3710 Gallons		Gen Hrs			1086 Block Htr.		Good		Oil/coolant	Good
Bat. Cond.	Good	Test Run		No	Boiler Temp		180 Boiler Pres.			10	
Port Gen Run	No										
						Lower PSTA					
Pumped Flow	24949663		Parshall Flume			43936643 LVL			2.6		
Total	178560 Max				272 Min			54 Avg			124
Lead	3 Lag				1 2nd Lag			2 Temp			2.8
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	2 mins				302 Waste			4 mins			
						Lab					
Sampler Initials		JE			Analyst Initials	JE					
Compositor On						Compositor Off			12/29/20 @ 7:00AM		

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	6:20	6:30	58	6.6	3.1	3.4	12	XXX	230
301	7:40	7:45	56	6.5	1.6	1.9	280	XXX	170
302	9:30	9:40	56	7	2	2.5	260	XXX	210
Effluent	6:25	6:35	56	6.8	4.3	4.8	0	1.5	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5017	5293	1104
302	25	5017	5261	976
Effluent	1000			

Date	12/28/20										
Time	7:00 AM										
Day	Monday										
Weather	Sunny										
Precipitation	0	Inches									
Temp	32	Degrees F									
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	5		8	8							
						OPS					
Heating Fuel	3890	Gallons	Gen Hrs		1086	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	24923507		Parshall Flume		43732784	LVL		2.9			
Total	203040	Max		269	Min		53	Avg		141	
Lead	3	Lag		1	2nd Lag		2	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	2	mins			302 Waste		2	mins			
						Lab					
Sampler Initials	JE			Analyst Initials		JE					
Compositor On			12/28/2020 @ 6:50AM			Compositor Off					

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	6:45	6:50	56	6.8	1.4	1.8	10	XXX	260
301	7:40	7:45	56	6.5	1.5	1.7	300	XXX	180
302	9:30	9:35	56	6.6	1.8	2.1	260	XXX	210
Effluent	7:10	7:15	56	6.9	5.4	5.5	0	1.5	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5016	5277	1044
302	25	5011	5268	1028
Effluent	1000			

Date 12/27/20
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 185760 Max 266 Min 28 Avg 129
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates 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 12/26/20
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 184320 Max 384 Min 52 Avg 128
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates 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 12/25/20
Time AM
Day Friday Holiday
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 167040 Max 258 Min 28 Avg 116
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates 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 12/23/20
Time 6:30 AM
Day Wednesday
Weather Sunny
Precipitation 0 Inches
Temp 36 Degrees F

Lab

Tknd Sludge LVL W.A.S LVL
701 702 501 502
0 6 10 10

OPS

Heating Fuel 2120 Gallons Gen Hrs 1086 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 168 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow Parshall Flume LVL 2.6
Total 141120 Max 268 Min 34 Avg 98
Lead 3 Lag 1 2nd Lag 2 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 2 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	6:50	7:00	56	6.9	3.1	3.4	12	XXX	210
301	7:40	7:45	56	6.5	1.6	1.8	300	XXX	160
302	9:30	9:40	56	6.8	2.1	2.5	260	XXX	180
Effluent	6:55	7:05	56	7.2	5.8	6.2	0	1.2	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5012	5286	1096
302	25	5016	5271	1020
Effluent	1000			

Date	12/22/20										
Time	6:30 AM										
Day	Tuesday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	26 Degrees F										
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	4		12	12							
					OPS						
Heating Fuel	2100 Gallons		Gen Hrs		1086 Block Htr.		Good		Oil/coolant		Good
Bat. Cond.	Good	Test Run		No		Boiler Temp		170 Boiler Pres.			12
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24804992		Parshall Flume		42583694 LVL				2.6		
Total	154080 Max			227 Min			28 Avg				107
Lead	3 Lag			1 2nd Lag			2 Temp				70
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	8 mins				302 Waste		2 mins				
					Lab						
Sampler Initials		JE		Analyst Initials		JE					
Compositor On					Compositor Off			12/22/20 @ 7AM			

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	6:30	6:40	54	6.9	3.2	3.8	12	XXX	190
301	9:40	9:45	53	7.3	2.2	2.6	320	XXX	210
302	7:35	7:40	52	6.9	1.8	2.1	280	XXX	200
Effluent	6:35	6:45	52	7	4.5	4.8	0	1.4	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5015	5279	1056
302	25	5007	5247	960
Effluent	1000			

Date	12/21/20										
Time	6:30 AM										
Day	Monday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	28 Degrees F										
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	4		7	7							
				OPS							
Heating Fuel	1980 Gallons		Gen Hrs		1086 Block Htr.		Good		Oil/coolant		Good
Bat. Cond.	Good	Test Run	No	Boiler Temp		168 Boiler Pres.			10		
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24789023		Parshall Flume		42436761 LVL			2.6			
Total	152640 Max			266 Min			26 Avg			106	
Lead	3 Lag			1 2nd Lag			2 Temp			70	
Heat	On	Grinder	On	Hyraulic LVL	Good						
				SBR							
UV Operation		UV Pump		Clean Screens	Yes		Air Valves				
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			2 mins				
				Lab							
Sampler Initials		JE		Analyst Initials	JE						
Compositor On			12/21/20 @ 6:50			Compositor Off					

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	55	6.8	3.2	3.6	12	XXX	230
301	9:30	9:35	53	7.3	1.3	1.4	360	XXX	220
302	7:45	7:50	52	7.1	1.6	2	320	XXX	190
Effluent	7:20	7:25	52	7	3.9	4.5	0	1.2	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5021	5313	1168
302	25	5016	5289	1092
Effluent	1000			

Date 12/20/20
Time 6:30 AM
Day Sunday
Weather Snow
Precipitation 0.5 inches
Temp 30 Degrees F

Lab

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

OPS

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

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 159840 Max 248 Min 27 Avg 111
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 4 mins 302 Waste 2 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	12/19/20								
Time	7:00 AM								
Day	Saturday								
Weather	Sunny								
Precipitation	0	Inches							
Temp	9	Degrees F							
				Lab					
Tknd Sludge LVL			W.A.S LVL						
701	702		501	502					
0	0		16	16					
				OPS					
Heating Fuel	2120	Gallons	Gen Hrs		1086	Block Htr.	Good	Oil/coolant	Good
Bat. Cond.	Good	Test Run	No	Boiler Temp		168	Boiler Pres.		10
Port Gen Run	No								
				Lower PSTA					
Pumped Flow	24755985	Parshall Flume		42125450	LVL		2.7		
Total	155520	Max		258	Min		29	Avg	108
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	6	mins		302 Waste			4	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	12/18/20										
Time	6:30 AM										
Day	Friday										
Weather	Sunny										
Precipitation	0	Inches									
Temp	18	Degrees F									
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501		502						
0	3		6		6						
					OPS						
Heating Fuel	2120	Gallons	Gen Hrs		1086	Block Htr.		Good	Oil/coolant		Good
Bat. Cond.	Good	Test Run	No		Boiler Temp		178	Boiler Pres.		12	
Port Gen Run	No										
					Lower PSTA						
Pumped Flow			Parshall Flume			LVL			2.6		
Total	151200	Max		247	Min		37	Avg		105	
Lead	3	Lag		1	2nd Lag		2	Temp		70	
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		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	7:25	52	6.9	2.1	2.6	16	XXX	210
301	7:45	7:50	50	7.1	1.9	2.4	320	XXX	180
302	9:30	9:40	50	6.7	2.7	2.9	280	XXX	200
Effluent	7:10	7:15	50	6.8	4.9	5.6	0	0.9	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5009	5278	1076
302	25	5013	5269	1024
Effluent	1000			

Date	12/17/20										
Time	7:00 AM										
Day	Thursday										
Weather	Snow										
Precipitation	7	Inches									
Temp	28	Degrees F									
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	6		3	3							
				OPS							
Heating Fuel	2800	Gallons	Gen Hrs		1086	Block Htr.	Good	Oil/coolant	Good		
Bat. Cond.	Good	Test Run	Yes	Boiler Temp		174	Boiler Pres.	10			
Port Gen Run	No										
					Lower PSTA						
Pumped Flow			Parshall Flume		LVL		2.8				
Total	149760	Max		264	Min		30	Avg	104		
Lead	3	Lag		1	2nd Lag		2	Temp	70		
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		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	7:00	7:20	54	6.9	3.1	3.3	8	XXX	260
301	7:50	7:55	52	6.5	1.6	1.7	340	XXX	220
302	9:40	9:45	54	6.7	2.4	2.5	300	XXX	190
Effluent	7:10	7:15	54	6.9	5.4	6.1	0	1.1	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5013	5316	1212
302	25	5008	5283	1100
Effluent	1000			

Date	12/16/20										
Time	7:00 AM										
Day	Wednesday										
Weather	Sunny										
Precipitation	0	Inches									
Temp	22	Degrees F									
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	4		7	7							
				OPS							
Heating Fuel	2610	Gallons	Gen Hrs		1086	Block Htr.	Good	Oil/coolant	Good		
Bat. Cond.	Good	Test Run	No	Boiler Temp		170	Boiler Pres.	12			
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24706940	Parshall Flume			41669796	LVL	2.8				
Total	155520	Max		292	Min		13	Avg	108		
Lead	3	Lag		1	2nd Lag		2	Temp	70		
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		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	7:00	7:10	53	6.9	2.1	2.6	12	XXX	180
301	11:35	11:40	52	7.1	0.8	1.6	340	XXX	210
302	9:50	9:55	52	7.5	1.1	1.5	320	XXX	200
Effluent	7:05	7:15	50	6.9	4.6	5.1	0	0.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5009	5307	1192
302	25	5018	5312	1176
Effluent	1000			

Date	12/15/20										
Time	7:00 AM										
Day	Tuesday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	30 Degrees F										
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	3.8		7	7							
				OPS							
Heating Fuel	2140 Gallons	Gen Hrs		1086 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	24687917	Parshall Flume		41507275 LVL			3.2				
Total	161280 Max		257 Min			6 Avg			112		
Lead	3 Lag		1 2nd Lag			2 Temp			70		
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	2 mins			302 Waste		4 mins					
				Lab							
Sampler Initials		JE		Analyst Initials	JE						
Compositor On					Compositor Off			12/15/20 @ 7:10			

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	54	6.9	1.6	2.5	12	XXX	240
301	7:40	7:45	52	7	2.1	2.4	320	XXX	180
302	9:30	9:35	52	7.2	2.3	2.7	300	XXX	200
Effluent	7:15	7:25	52	7.1	5.6	6.3	0	1.2	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5286	1088
302	25	5021	5324	1212
Effluent	1000			

Date	12/14/20										
Time	6:30 AM										
Day	Monday										
Weather	Sunny										
Precipitation	0	Inches									
Temp	32	Degrees F									
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	4		6	6							
				OPS							
Heating Fuel	2120	Gallons	Gen Hrs		1086	Block Htr.	Good	Oil/coolant	Good		
Bat. Cond.	Good	Test Run	No	Boiler Temp		172	Boiler Pres.	12			
Port Gen Run	No										
					Lower PSTA						
Pumped Flow			Parshall Flume			LVL					
Total	167040	Max		262	Min		33	Avg	116		
Lead	3	Lag		2	2nd Lag		1	Temp	70		
Heat	On	Grinder	On		Hyraulic LVL	Good					
				SBR							
UV Operation		UV Pump			Clean Screens			Air Valves	Good		
Slide Gates	Good		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			12/14/20 @ 7:00 AM			Compositor Off					

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.9	2.4	2.8	12	XXX	240
301	7:35	7:40	52	6.9	1.6	1.8	310	XXX	200
302	9:30	9:35	52	7.5	2.1	2.4	300	XXX	210
Effluent	7:05	7:15	52	7.2	5.4	6.2	0	1.2	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5312	1192
302	25	5011	5298	1148
Effluent	1000			

Date 12/13/20
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 165600 Max 270 Min 33 Avg 115
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 6 mins 302 Waste 4 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 2/12/20
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 159840 Max 254 Min 10 Avg 111
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 6 mins 302 Waste 4 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	12/11/20										
Time	6:30 AM										
Day	Friday										
Weather	Sunny										
Precipitation	0.5	Inches									
Temp	42	Degrees F									
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501		502						
0	4		7		7						
					OPS						
Heating Fuel	2110	Gallons	Gen Hrs		1086	Block Htr.	Good		Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No		Boiler Temp		168	Boiler Pres.		10	
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24617762		Parshall Flume		40862188	LVL		2.2			
Total	158400	Max		251	Min		15	Avg		110	
Lead	3	Lag		1	2nd Lag		2	Temp		70	
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	6	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	7:00	7:10	54	6.8	4.5	4.9	12	XXX	240
301	7:35	7:40	54	6.7	1	1.7	310	XXX	160
302	9:50	9:55	54	6.9	1.2	1.8	320	XXX	200
Effluent	7:05	7:15	54	6.9	5.6	6.3	0	1.2	145

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5021	5345	1296
302	25	5015	5298	1132
Effluent	1000			

Date	12/10/20										
Time	7:00	AM									
Day	Thursday										
Weather	Rain										
Precipitation	1.25	Inches									
Temp	41	Degrees F									
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	6		8	8							
				OPS							
Heating Fuel	2120	Gallons	Gen Hrs		1086	Block Htr.	Good	Oil/coolant	Good		
Bat. Cond.	Good	Test Run	No	Boiler Temp		168	Boiler Pres.		10		
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24597796	Parshall Flume			40702102	LVL		2.8			
Total	161280	Max		270	Min		13	Avg		112	
Lead	3	Lag		1	2nd Lag		2	Temp		70	
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	2	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	54	6.8	2.5	3.6	12	XXX	240
301	7:50	7:55	54	6.6	1.4	1.8	340	XXX	210
302	9:30	9:35	54	6.9	2.3	2.5	320	XXX	170
Effluent	7:05	7:15	52	7.4	6.7	7.4	0	0.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5018	5287	1076
302	25	5012	5276	1056
Effluent	1000			

Date	12/9/20										
Time	6:30 AM										
Day	Wednesday										
Weather	Sunny										
Precipitation	0 Inches										
Temp	29 Degrees F										
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	5		10	10							
					OPS						
Heating Fuel	2160 Gallons		Gen Hrs		1086 Block Htr.		Good		Oil/coolant		Good
Bat. Cond.	Good	Test Run	No	Boiler Temp		170 Boiler Pres.				12	
Port Gen Run	No										
					Lower PSTA						
Pumped Flow			Parshall Flume			LVL		2.8			
Total	120960 Max			264 Min			31 Avg			84	
Lead	3 Lag			1 2nd Lag			2 Temp			70	
Heat	On	Grinder	On	Hyraulic LVL	Good						
				SBR							
UV Operation		UV Pump		Clean Screens	Yes		Air Valves				
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			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	6:45	6:50	55	6.5	1.6	2.2	10	XXX	210
301	7:40	7:45	58	7.2	2	2.7	280	XXX	160
302	9:35	9:45	58	6.8	1.5	1.9	300	XXX	190
Effluent	7:00	7:10	58	6.8	3.6	4.2	0	1.4	130

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5018	5271	1012
302	25	5012	5266	1016
Effluent	1000			

Date	12/8/20									
Time	6:30 AM									
Day	Tuesday									
Weather	Rain									
Precipitation	0.75 Inches									
Temp	28 Degrees F									
					Lab					
Tknd Sludge LVL			W.A.S LVL							
701	702		501	502						
0	6		8	8						
				OPS						
Heating Fuel	2096 Gallons	Gen Hrs		1086 Block Htr.		Good	Oil/coolant	Good		
Bat. Cond.	Good	Test Run	No	Boiler Temp		170 Boiler Pres.		12		
Port Gen Run	No									
				Lower PSTA						
Pumped Flow	24555901	Parshall Flume		40380452 LVL			2.6			
Total	180000 Max		274 Min			43 Avg		125		
Lead	3 Lag		1 2nd Lag			2 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	0 mins			302 Waste		0 mins				
				Lab						
Sampler Initials	JE		Analyst Initials	JE						
Compositor On				Compositor Off		12/8/2020 @ 7:30AM				

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	54	6.7	3.1	3.3	12	XXX	230
301	11:30	11:35	58	6.7	1.9	3	320	XXX	200
302	9:40	9:45	58	7.2	1.7	2.2	320	XXX	210
Effluent	7:15	7:25	58	7.1	5.9	6.4	0	1.6	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5021	5301	1120
302	25	5013	5295	1128
Effluent	1000			

Date 12/7/20
Time 6:30 AM
Day Monday
Weather Sunny
Precipitation 0 Inches
Temp 31 Degrees F

Lab

Tknd Sludge LVL		W.A.S LVL	
701	702	501	502
0	6	9	9

OPS

Heating Fuel 2230 Gallons Gen Hrs 1086 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 24533685 Parshall Flume 40206682 LVL 2.6
Total 191520 Max 290 Min 43 Avg 133
Lead 3 Lag 1 2nd Lag 2 Temp 70
Heat Off Grinder On Hyraulic LVL Good

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 0 mins 302 Waste 0 mins

Lab

Sampler Initials JE Analyst Initials JE
Compositor On 12/7/20 @ 7:00AM Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.2	3	3.7	16	XXX	240
301	7:35	7:40	59	6.8	1.4	1.9	320	XXX	180
302	9:45	9:55	60	6.9	1.6	1.9	330	XXX	200
Effluent	7:05	7:15	58	6.7	5.8	6.1	0	0.8	140

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5013	5274	1044
302	25	5021	5281	1040
Effluent	1000			

Date 12/6/20
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. Test Run Boiler Temp 168 Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 185760 Max 282 Min 33 Avg 129
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 6 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								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 12/5/20
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. Test Run Boiler Temp Boiler Pres.
Port Gen Run

Lower PSTA

Pumped Flow Parshall Flume LVL
Total 138240 Max 220 Min 50 Avg 96
Lead Lag 2nd Lag Temp
Heat Grinder Hyraulic LVL

SBR

UV Operation UV Pump Clean Screens Air Valves
Slide Gates SBR Blower Blower Speed
Standby W.A.S Blower Blower Speed
301 Waste 6 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								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	12/4/20										
Time	7:00 AM										
Day	Friday										
Weather	Sunny										
Precipitation	0	Inches									
Temp	32	Degrees F									
					Lab						
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
0	4		11	11							
				OPS							
Heating Fuel	2120	Gallons	Gen Hrs		1086	Block Htr.	Good		Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp		170	Boiler Pres.		12		
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24469332		Parshall Flume		40114853	LVL		2.6			
Total	128160	Max		223	Min		14	Avg		89	
Lead	3	Lag		1	2nd Lag		2	Temp		70	
Heat	On	Grinder	On	Hyraulic LVL		Good					
				SBR							
UV Operation	0.96	UV Pump	1+2	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	6	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	7:10	7:20	60	6.4	1.6	2.6	8	XXX	260
301	7:50	7:55	62	6.7	2.1	2.2	310	XXX	170
302	9:30	9:35	62	7	1.7	1.9	320	XXX	210
Effluent	7:05	7:15	63	6.6	5.5	5.8	0	1.2	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5013	5271	1032
302	25	5026	5318	1168
Effluent	1000			

Date 12/3/20
Time 7:00 AM
Day Thursday
Weather Sunny
Precipitation 0 Inches
Temp 34 Degrees F

Lab

Tknd Sludge LVL W.A.S LVL

701	702	501	502
0	4	6	6

OPS

Heating Fuel 2190 Gallons Gen Hrs 1086 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 174 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 24459102 Parshall Flume 39515640 LVL 2.8
Total 152640 Max 244 Min 40 Avg 106
Lead 1 Lag 3 2nd Lag 2 Temp 70
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 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	60	6.9	1.6	1.9	12	XXX	250
301	7:50	7:55	62	7.2	2.2	2.6	320	XXX	190
302	9:30	9:45	62	6.9	1.9	2.2	340	XXX	210
Effluent	7:00	7:15	63	7.6	6.7	7.1	0	1.4	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5016	5277	1044
302	25	5024	5306	1128
Effluent	1000			

Date 12/2/20
Time 7:00 AM
Day Wednesday
Weather Sunny
Precipitation 0 Inches
Temp 38 Degrees F

Lab

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

OPS

Heating Fuel 2680 Gallons Gen Hrs 1086 Block Htr. Good Oil/coolant Good
Bat. Cond. Good Test Run No Boiler Temp 180 Boiler Pres. 10
Port Gen Run No

Lower PSTA

Pumped Flow 24438428 Parshall Flume 39369458 LVL 2.6
Total 156960 Max 245 Min 29 Avg 109
Lead 1 Lag 3 2nd Lag 2 Temp 70
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 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	64	6.8	3.6	4.2	12	XXX	210
301	11:30	11:40	62	6.7	1.8	2.4	320	XXX	170
302	9:40	9:45	62	7.1	2.1	2.6	310	XXX	210
Effluent	7:05	7:15	63	7	4.9	5.6	0	1.2	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5265	1004
302	25	5016	5261	980
Effluent	1000			

Date	12/1/20										
Time	7:00 AM										
Day	Tuesday										
Weather	Sunny										
Precipitation	2.25	Inches									
Temp	52	Degrees F									
						Lab					
Tknd Sludge LVL			W.A.S LVL								
701	702		501	502							
2	6		7	7							
						OPS					
Heating Fuel	2990	Galions	Gen Hrs		1086	Block Htr.	Good		Oil/coolant	Good	
Bat. Cond.	Good	Test Run	No	Boiler Temp		168	Boiler Pres.		10		
Port Gen Run	No										
					Lower PSTA						
Pumped Flow	24418114	Parshall Flume			39208115	LVL		2.8			
Total	145440	Max		229	Min		22	Avg		101	
Lead	1	Lag		3	2nd Lag		2	Temp		70	
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	2	mins			302 Waste		2	mins			
					Lab						
Sampler Initials		JE		Analyst Initials		JE					
Compositor On					Compositor Off			12/1/20 @ 7:10AM			

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	60	6.8	3.1	3.3	10	XXX	160
301	7:45	7:50	62	7.4	1.8	2.2	310	XXX	220
302	9:30	9:35	63	7	2.1	2.7	300	XXX	200
Effluent	7:05	7:15	63	7.2	5.1	5.7	0	0.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5015	5271	1024
302	25	5022	5266	976
Effluent	1000			