

Town of Deep River WPCA MOR

[illegible]

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



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 130674
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 2/25/2020
Receipt Date: 2/25/2020
Report Date: 3/3/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<50.0	mg/L	SM5210B	2	2/26/2020	JB
Total Suspended Solids	48.0	mg/L	SM2540D	1	2/28/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

Comments BOD result reported as less than (<) due to result out of test dilution setup range.

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

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

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

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

Sample ID#: 130566
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 2/18/2020
Receipt Date: 2/18/2020
Report Date: 2/25/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	188	mg/L	SM5210B	2	2/19/2020	KC
Total Suspended Solids	118	mg/L	SM2540D	1	2/21/2020	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: 2/11/2020
Receipt Date: 2/11/2020
Report Date: 2/18/2020
Sample Site: Influent

Sample ID#: 130434
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity	134	mg/L	SM2320-B	20	2/14/2020	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: 2/11/2020
Receipt Date: 2/11/2020
Report Date: 2/24/2020
Sample Site: Influent

Sample ID#: 130432
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	28.9	mg/L	ASTM D6919-03	0.05	2/20/2020	KC
Nitrate as N	0.34	mg/L	EPA300.0	0.1	2/11/2020	JB
Nitrite as N	0.02	mg/L	EPA300.0	0.01	2/11/2020	JB
Orthophosphate as P	2.97	mg/L	EPA300.0	0.02	2/11/2020	JB
Phosphorous -Total as P	4.72	mg/L	EPA 200.7	0.04	2/18/2020	JB
TKN as N	36.8	mg/L	4500NorgC	0.5	2/18/2020	KC
Total Nitrogen as N	37.2	mg/L	CALC	1	2/19/2020	KC


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

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

Sample ID#: 130436
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 2/11/2020
Receipt Date: 2/11/2020
Report Date: 2/20/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	169	mg/L	SM5210B	2	2/13/2020	KC
Total Suspended Solids	114	mg/L	SM2540D	1	2/14/2020	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:

Samplers Name: (Print)

John Ely

PWSID#:

System Type:

Project:

Monthly + Weekly
Influent/Effluent Testing

Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers	Required Analysis				Cl ₂ Res.	ECL Sample I.D.#
				Water	Solid	Comp	Grab	TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct	
	Influent (Monthly)	2/11/20	8:10	X		X		X	X			1 - 16oz	130432
	Effluent (Monthly)	2/11/20	8:20	X		X		X	X			1 - 4oz (H2S04) 1 - 32oz 1 - 4oz (H2S04)	130433
	Influent (Monthly)	2/11/20	8:15	X			X		X			1 - 8oz	130434
	Effluent (Monthly)	2/11/20	8:25	X			X		X			1 - 8oz	130435
	Influent (Weekly)	2/11/20	8:10	X		X					X	1 - 8oz	130436
	Effluent (Weekly)	2/11/20	8:20	X		X					X	1 - 16oz	130437
	Effluent (Weekly)			X			X				X	1 - Bact.	

Relinquished by:	Date	Time	Received by:	Date	Time	Were Samples received within holding time? ☒ Y ☐ N
<i>[Signature]</i>	2/11/20		<i>[Signature]</i>	2/11/20		Were Samples chilled upon receipt? ☒ Y ☐ N
Relinquished by:	Date	Time	Received by:	Date	Time	Were Samples in appropriate containers? ☒ Y ☐ N
<i>[Signature]</i>			<i>[Signature]</i>			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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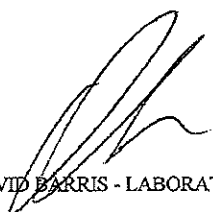
ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 2/4/2020
Receipt Date: 2/4/2020
Report Date: 2/11/2020
Sample Site: Influent

Sample ID#: 130283
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	109	mg/L	SM5210B	2	2/5/2020	KC
Total Suspended Solids	96.0	mg/L	SM2540D	1	2/7/2020	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

Date
Time
Day
Weather
Precipitation
Temp
2/12/20
7:00 AM

Inches
Degrees F

Trend Sludge LVL
701
0
702
501
502
OPS
W.A.S LVL
Lab

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

Pumped Flow
Total
Lead
Heat
170390 Max
Lag
Grinder
Parshall Flume
266 Min
2nd Lag
Hydraulic LVL
Lower PSTA
LVL
78 Avg
Temp
118

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

Sampler Initials
Compositor On
Analyst Initials
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			0
301	25			0
302	25			0
Effluent	1000			

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	56	6.6	1.4	1.6	10	XXX	260
301	9:30	9:35	54	7.2	2.8	3.1	300	XXX	220
302	7:45	7:50	54	6.8	2.3	2.7	320	XXX	240
Effluent	7:25	7:35	54	7	6.7	6.9	0	0.7	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			

301	25	4136	4461	1300
302	25	4122	4480	1432

Effluent	1000		
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Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4136	4461	1300
302	25	4122	4480	1432
Effluent	1000			

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	56	6.6	1.4	1.6	10	XXX	260
301	9:30	9:35	54	7.2	2.8	3.1	300	XXX	220
302	7:45	7:50	54	6.8	2.3	2.7	320	XXX	240
Effluent	7:25	7:35	54	7	6.7	6.9	0	0.7	180

Date 2/4/20
 Time 7:00 AM
 Day Tuesday
 Weather Cloudy
 Precipitation 0 Inches
 Temp 38 Degrees F

Tknd Sludge LVL W.A.S LVL Lab
 701 702 501 502
 8 9 9 9
 OPS

Heating Fuel 2440 Gallons Gen Hrs 946 Block Htr. Good Oil/Coolant Good
 Bat. Cond. Good Test Run No Boiler Temp 168 Boiler Pres.
 Port Gen Run No

Pumped Flow 19235842 Parshall Flume Lower PSTA
 Total 175210 Max 132 Min 17272145 LVL 100 Avg 2.7 121
 Lead 3 Lag 1 2nd Lag Hydraulic LVL Good 2 Temp 68
 Heat On Grinder On 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 6 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 2/4/20 @ 8:10am

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	6.8	2.7	3.4	8	XXX	260
301	9:45	9:50	54	6.7	3.1	3.6	340	XXX	220
302	7:30	7:35	54	6.8	2.6	2.9	360	XXX	220
Effluent	7:15	7:25	54	6.9	3.6	4.1	0	0.6	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4122	4490	1472
301	25	4138	4508	1480
302	25	4138	4508	1480
Effluent	1000			

Date 2/5/20
Time 7:00 AM
Day Wednesday
Weather Sunny
Precipitation 0 Inches
Temp 34 Degrees F

Kind Sludge LVL
701 702 501 502
9 0 6 6
OPS

Heating Fuel 2490 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No
Boiler Temp 946 Block Htr. Good
168 Boiler Pres. Oil/Coolant Good
10

Pumped Flow 19258083 Parshall Flume
Total 174130 Max 132 Min 103 Avg 2.9
Lead 3 Lag 1 2nd Lag Hyraulic LVL Good 121
Heat On Grinder On SBR 68

UV Operation UV Pump Clean Screens Yes
Slide Gates Good SBR Blower 301 Air Valves Good
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 2 mins 302 Waste 2 mins Blower Speed Low

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:25	7:35	56	7	1.6	1.9	10	XXX	260
301	9:35	9:40	54	6.7	3.2	3.5	260	XXX	240
302	7:45	7:50	56	6.8	2.6	2.9	280	XXX	260
Effluent	7:30	7:40	56	7	6.9	7.4	0	1.2	240

Sample	M.L.	Tare Wt.	Gross Wt.	Sus. Sol M/G/L
Influent	200	4126	4458	1328
301	25	4130	4461	1324
302	25			
Effluent	1000			

Date 2/6/20
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 0 inches
 Temp 37 Degrees F

Tkd Sludge LVL
 701 702 501 502
 6 0 12 12
 OPS

W.A.S LVL
 502 12
 OPS

Heating Fuel Good 2240 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Lower PSTA
 1730/1889 LVL
 102 Avg 2.6
 120

Pumped Flow 1972/4638 Parshall Flume
 Total 172450 Max
 Lead 3 Lag
 Heat On Grinder On
 SBR
 Hydraulic LVL Good
 2 Temp 68

UV Operation Good UV Pump
 Slide Gates 303 SBR Blower
 Standby 4 mins W.A.S Blower
 301 Waste 302 Waste 304
 Lab
 4 mins

Clean Screens Yes
 301
 304
 Air Valves
 Blower Speed
 4 mins
 Good
 High
 Low

Sampler Initials JE
 Compositor On
 Analyst Initials JE
 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.7	1.2	1.6	10	XXX	280
301	9:35	9:40	53	6.9	2.1	2.5	300	XXX	240
302	11:30	11:35	54	6.7	3.2	3.4	300	XXX	220
Effluent	7:05	7:15	54	7	5.7	6.2	0	0.5	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4117	4453	1344
301	25	4108	4431	1292
302	25			
Effluent	1000			

Date 2/7/20
 Time 7:00 AM
 Day Friday
 Weather Sunny
 Precipitation 0 inches
 Temp 36 Degrees F

Tkrnd Sludge LVL
 701 702 501 502
 6 0 7 7
 Ops

Heating Fuel 2670 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 19297309 Parshall Flume
 Total 174400 Max 131 Min 17324469 LVL
 Lead 3 Lag 1 2nd Lag 101 Avg 2.5
 Heat On Grinder On Good 68
 SBR Hydraulic LVL

UV Operation UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower 301
 301 Waste 2 mins 302 Waste 304
 Lab Blower Speed
 2 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Boiler Temp 946 Block Htr. Good Oil/Coolant Good
 170 Boiler Pres. 10

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.8	1.2	1.5	8	XXX	260
301	9:30	9:35	54	6.9	2.4	3.1	300	XXX	240
302	7:40	7:45	54	7.2	3.2	3.6	320	XXX	220
Effluent	7:05	7:15	54	6.9	6.4	6.9	0	0.8	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4108	4482	1496
301	25	4126	4512	1544
302	25			
Effluent	1000			

Date 2/8/20
Time 7:00 AM
Day Saturday
Weather
Precipitation
Temp

Inches
Degrees F

Lab

Tiknd Sludge LVL
701 702 501 502
6 0

W.A.S LVL
502

OPS

Heating Fuel
Bat. Cond. Select
Port Gan Run Select

Gallons
Test Run Select
Gen Hrs Select

Boiler Temp
Block Htr.
Boiler Pres.

Oil/coolant

Pumped Flow
Total 175030 Max
Lead Lag
Heat Grinder

Parshall Flume
131 Min
2nd Lag
Hydraulic LVL
SBR
Clean Screens Select
Air Valves Select

100 Avg
Temp
122

UV Operation
Slide Gates Select
Standby
301 Waste mins

UV Pump
SBR Blower
W.A.S Blower
302 Waste mins

Lab

Sampler Initials
Compositor On

Analyst Initials
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			0
301	25			0
302	25			
Effluent	1000			

Date 2/9/20
 Time 7:00 AM
 Day Sunday
 Weather
 Precipitation
 Temp

Inches
 Degrees F

Tkrd Sludge LVL
 701 702 501 502
 0

Lab
 W.A.S LVL
 OP5

Heating Fuel Select Gallons Gen Hrs
 Bat. Cond. Select Test Run Select
 Port Gen Run Select

Pumped Flow Parshall Flume
 Total 173190 Max 132 Min
 Lead Lag 2nd Lag
 Heat Grinder Hydraulic LVL
 SBR

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

Sampler Initials Analyst Initials
 Compositor On Compositor Off

Block Htr.
 Boiler Temp
 Boiler Pres.
 Oil/Coolant
 Lower PSTA LVL
 101 Avg Temp
 120

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			0
301	25			0
302	25			
Effluent	1000			

Date 2/10/20
 Time 7:00 AM
 Day Monday
 Weather Rain
 Precipitation 0.75 inches
 Temp 38 Degrees F

Tkrnd Sludge LVL 702
 W.A.S LVL 501
 701 502
 6 9
 9 OPS

Heating Fuel 2480 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run Yes Boiler Temp 946 Block Htr. Good Oil/coolant Good
 168 Boiler Pres. 10

Pumped Flow 19355602 Parshall Fume
 Total 175370 Max 132 Min 17376553 LVL
 Lead 3 Lag 1 2nd Lag 87 Avg 2.9
 Heat On Grinder On Good 68
 SBR Hydraulic LVL

UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 2 mins 302 Waste 2 mins Low

Sampler Initials JE Analyst Initials JE
 Compositor On 2/10/20 @ 8:00 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.7	0.7	1.2	8	XXX	260
301	9:40	9:45	54	6.9	2.8	2.9	300	XXX	240
302	11:30	11:35	54	6.8	3	3.4	300	XXX	220
Effluent	7:05	7:15	54	7.2	6.4	7.1	0	0.6	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4127	4492	1460
301	25	4109	4487	1512
302	25	4109	4487	1512
Effluent	1000			

Date 2/11/20
 Time 7:00 AM
 Day Tuesday
 Weather Rain
 Precipitation 0.75 Inches
 Temp 37 Degrees F

Tkrnd Sludge LVL 701 702 501 502 4
 W.A.S LVL 4
 OPS 4

Heating Fuel Good 4000 Gallons Gen Hrs
 Bat. Cond. Good Test Run Yes
 Port Gen Run No

Pumped Flow 19376828 Parshall Flume
 Total 174860 Max 208 Min 173939680 LVL
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On SBR
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301
 Standby 303 W.A.S Blower 304
 301 Waste 8 mins 302 Waste 8 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 2/11/20 @ 8:10am

Lower PSTA 946 Block Htr. Good Oil/Coolant Good
 Boiler Temp 168 Boiler Pres. 10

101 Avg 3.2
 2 Temp 68
 Air Valves Good
 Blower Speed High
 Blower Speed Low

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:30	54	6.8	1.4	1.7	10	XXX	250
301	9:30	9:35	54	6.9	2.8	2.9	360	XXX	200
302	7:40	7:45	54	7.2	1.7	1.9	360	XXX	220
Effluent	7:25	7:35	54	7.1	6.8	7.2	0	0.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4128	4497	1476
302	25	4216	4583	1468
Effluent	1000			

Date 2/12/20
 Time 7:00 AM
 Day Wednesday
 Weather Rain
 Precipitation 0.5 Inches
 Temp 41 Degrees F

Lab
 Tkd Sludge LVL
 701 702 501 502
 0 0 12 12
 OP5

Heating Fuel 4000 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 18659832 Parshall Flume
 Total 174640 Max 131 Min 174083160 LVL
 Lead 3 Lag 1 2nd Lag 87 Avg 2.5
 Heat On Grinder On SBR Hydraulic LVL Good 68

UV Operation UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S. Blower 301
 301 Waste 8 mins 302 Waste 304
 Lab Blower Speed
 8 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

946 Block Htr. Good
 Boiler Temp 172 Boiler Pres.
 Oil/Coolant Good
 10

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:10	7:20	54	6.5	1.6	1.8	10	XXX	240
301	9:30	9:35	54	6.9	2.4	2.4	300	XXX	180
302	7:25	7:30	54	6.7	1.8	2.5	280	XXX	200
Effluent	7:05	7:15	54	6.8	5.8	6.1	0	1.1	210

Sample	ML	Tare Wt.	Gross Wt.	Suc. Sol MG/L
Influent	200	4126	4538	1648
301	25	4200	4516	1264
302	25			
Effluent	1000			

Date 2/13/20
 Time 7:00 AM
 Day Monday
 Weather Sunny
 Precipitation 0 inches
 Temp 36 Degrees F

Tkn'd Sludge LVL
 701 702 501 502
 6 0 8 8
 W.A.S LVL
 Lab

Heating Fuel 4000 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 19421678 Parshall Flume
 Total 174250 Max 131 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On Hyraulic LVL Good
 SBR

UV Operation UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 4 mins 302 Waste 304
 Lab

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Lower PSTA
 174290540 LVL
 101 Avg 2.8
 2 Temp 68
 166 Boiler Pres.
 Good Oil/Coolant Good
 10

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:05	7:15	55	6.7	1.6	1.8	16	XXX	260
301	9:35	9:40	54	6.9	1.6	1.9	400	XXX	220
302	7:30	7:35	54	7	3.4	3.8	240	XXX	240
Effluent	7:10	7:20	54	6.8	6.2	7	0	1.5	240

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4141	4592	1804
301	25	4146	4420	1096
302	25			
Effluent	1000			

Date 2/14/20
Time 7:00 AM
Day Friday
Weather Sunny
Precipitation 0.25 Inches
Temp 28 Degrees F

Lab

Tknd Sludge LVL

W.A.S LVL

701

702

501

502

10

10

OP5

Heating Fuel Good

3980 Gallons

Test Run

Gen Hrs

No

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

Bat. Cond. Good

3980 Gallons

Test Run

Gen Hrs

No

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

Port Gen Run No

3980 Gallons

Test Run

Gen Hrs

No

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

170 Boiler Pres.

10

Boiler Temp

946 Block Htr.

Good

Oil/Coolant

Good

Pumped Flow 19973862

Parshall Flume

260 Mln

1 2nd Lag

Hydraulic LVL

Good

2.7

118

67

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

Lead On

3 Lag

Grinder

On

Hydraulic LVL

Good

2.7

118

67

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

Heat On

3 Lag

Grinder

On

Hydraulic LVL

Good

2.7

118

67

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

101 Avg

2 Temp

UV Operation Good

UV Pump

SBR Blower

W.A.S Blower

303

304

302 Waste

301

304

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

Slide Gates Good

303

W.A.S Blower

302 Waste

301

304

302 Waste

301

304

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

Standby 0 mins

0 mins

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

301 Waste

0 mins

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

UV Operation Good

UV Pump

SBR Blower

W.A.S Blower

303

304

302 Waste

301

304

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

Slide Gates Good

303

W.A.S Blower

302 Waste

301

304

302 Waste

301

304

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

Standby 0 mins

0 mins

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

302 Waste

301

304

Date 2/15/20 AM

Time

Day Saturday

Weather

Precipitation

Temp

Inches

Degrees F

Lab

Tknd Sludge LVL

W.A.S LVL

701 702 501 502

0

OP5

Heating Fuel

Galions

Gen Hrs

Boiler Temp

Block Htr.

Boiler Pres.

Oil/coolant

Bat. Cord. Select

Test Run Select

Port Gen Run Select

Pumped Flow

Parshall Fume

176950 Max

132 Min

93 Avg

132

Total

Lag

2nd Lag

Temp

Lead

Grinder

Hydraulic LVL

Heat

SBR

UV Operation

UV Pump

Clean Screens Select

Air Valves Select

Slide Gates Select

SBR Blower

Blower Speed

Blower Speed

mins

W.A.S Blower

302 Waste

301 Waste

mins

Lab

Analyst Initials

Compositor Off

Compositor On

Sample Initials

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.						
Influent	200							0	
301	25								
302	25								
Effluent	1000								

Date 2/16/20
Time AM
Day Sunday
Weather
Precipitation
Temp

Inches
Degrees F

Lab

Tiknd Sludge LVL
701 702 501 502
0

W.A.S LVL
OPS

Heating Fuel Select Gallons Gen Hrs
Bat. Cond. Select Test Run Select
Port Gen Run Select

Pumped Flow Parshall Flume
Total 174180 Max 132 Min
Lead Lag 2nd Lag
Heat Grinder Hydraulic LVL
SBR

UV Operation UV Pump
Slide Gates Select SBR Blower
Standby W.A.S Blower
301 Waste mins 302 Waste
Lab

Sampler Initials Analyst Initials
Compositor On Compositor Off

Block Htr.
Boiler Temp
Boiler Pres.

Oil/Coolant
120

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			
Effluent	1000			

Date 2/17/20 AM
 Time
 Day Monday Presidents Day
 Weather
 Precipitation
 Temp Degrees F

Tkrnd Sludge LVL
 701 702 W.A.S LVL
 0 502 Lab

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

Pumped Flow Parshall Fume
 Total 174920 Max 131 Min 72 Avg 122
 Lead Lag 2nd Lag Temp
 Heat Grinder Hydraulic LVL
 SBR

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

Sampler Initials Analyst Initials
 Compositor On 2/17/20@ 8:00am 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			0
301	25			0
302	25			
Effluent	1000			

Date 2/18/20
 Time 7:00 AM
 Day Tuesday
 Weather Sunny
 Precipitation 0 Inches
 Temp 40 Degrees F

Third Sludge LVL
 701 702 501 502
 5 0 8 8
 W.A.S LVL
 OP5

Heating Fuel 3890 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 1954219 Parshall Flume
 Total 173710 Max 130 Min 17517786 LVL
 Lead 3 Lag 1 2nd lag
 Heat On Grinder On SBR
 SBR Hydraulic LVL Good

UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed Low
 301 Waste 8 mins 302 Waste 2 mins High

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 2/18/20 @ 8:00am

946 Block Htr. Good Oil/Coolant Good
 Boiler Temp 166 Boiler Pres. 10

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:15	54	7.2	2.1	2.4	14	XXX	240
301	9:30	9:35	56	6.7	2.8	3	360	XXX	180
302	11:25	11:30	56	7.3	2.4	3.7	240	XXX	170
Effluent	7:10	7:20	54	7.2	5.7	6.1	0	0.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4126	4491	1460
301	25	4149	4412	1052
302	25			
Effluent	1000			

Date 2/19/20
Time 7:00 AM
Day Wednesday
Weather Sunny
Precipitation 0.5 inches
Temp 38 Degrees F

Lab

TKnd Sludge LVL W.A.S. LVL
701 702 501 502
5 0 7 7
OPS

Heating Fuel 3960 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No

946 Block Htr. Good
168 Boiler Pres. Good
Oil/Coolant 10

Lower PSTA
Pumped Flow 19569919 Parshall Flume
Total 173430 Max 237 Min 19140 LVL
Lead 3 Lag 1 2nd Lag 58 Avg 3.2
Heat Off Grinder On SBR Hydraulic LVL Good 68

UV Pump
UV Operation Good SBR Blower
Slide Gates 303 W.A.S Blower
Standby 8 mins 302 Waste
301 Waste Lab

Blower Speed 0 mins
Air Valves Good
Low High

Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:50	8:00	54	6.8	1.8	2.4	5	XXX	280
301	9:40	9:45	56	6.8	1.1	1.4	400	XXX	220
302	11:30	11:35	56	6.7	2.1	2.6	260	XXX	280
Effluent	7:45	7:55	56	7.2	6.1	6.7	0	0.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol Mg/L
Influent	200			
301	25	4135	4460	1300
302	25	4130	4401	1084
Effluent	1000			

Date 2/20/20
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 0 inches
 Temp 24 Degrees F

Lab
 Tkrnd Sludge LVL
 701 702 501 502 8
 3 0 8
 OPS

Heating Fuel 3870 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 19585785 Parshall Fume
 Total 164500 Max 229 Min 22817 LVL
 Lead 3 Lag 1 2nd Lag 56 Avg 2.6
 Heat On Grinder On SBR Hydraulic LVL Good 68

UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S. Blower 304 Blower Speed High
 301 Waste 8 mins 302 Waste 0 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

946 Block Htr. Good Oil/Coolant Good
 Boiler Temp 180 Boiler Pres. 12

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	55	6.6	0.8	1.6	10	XXX	250
301	9:30	9:35	55	6.9	4.5	4.7	350	XXX	240
302	7:30	7:35	54	6.8	3.2	4	300	XXX	200
Effluent	7:05	7:15	52	7	6.4	7	0	1.2	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4172	4621	1796
301	25	4117	4496	1516
302	25			
Effluent	1000			

Date 2/21/20
 Time 7:00 AM
 Day Friday
 Weather Sunny
 Precipitation 0 inches
 Temp 25 Degrees F

Lab

Tknd Sludge LVL
 701 702 501 502
 5 0 7 7
 Heating Fuel 3160 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No
 Lower PSTA
 302170 LVL
 946 Block Htr. Good
 170 Boiler Pres. Oil/Coolant Good
 10

Pumped Flow 19607633 Parshall Flume
 Total 168440 Max 226 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On Hydraulic LVL Good
 SBR
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SSR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 8 mins 302 Waste 0 mins High
 Lab
 Sampler Initials JE Analyst Initials JE
 Compostor On Compostor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.6	1.4	1.8	12	XXX	240
301	9:35	9:40	54	6.9	2.6	2.9	320	XXX	190
302	7:30	7:35	54	6.7	1.2	1.6	380	XXX	160
Effluent	7:05	7:15	54	7	5.2	6.7	0	0.7	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4127	4489	1448
301	25	4201	4582	1524
302	25			
Effluent	1000			

Date
Time
Day
Weather
Precipitation
Temp

2/22/20
7:00 AM
Saturday

Inches
Degrees F

Tknd Sludge LVL
701
0

702
501
502
OPS

W.A.S LVL
501
502

Lab

Heating Fuel
Bat. Cond.
Port Gen Run

Select
Select
Select

Gallons
Test Run

Gen Hrs
Select

Boiler Temp
Block Htr.
Boiler Pres.

Oil/Coolant

Pumped Flow
Total
Lead
Heat

167820 Max
Lag
Grinder

Parshall Flume
260 Min
2nd Lag
Hydraulic LVL
SBR

Lower PSTA LVL
10 Avg Temp
117

UV Operation
Slide Gates
Standby
301 Waste

Select
Select
Select
mins

UV Pump
SBR Blower
W.A.S Blower

Clean Screens
Select
Blower Speed
Blower Speed
mins

Air Valves
Select

Sampler Initials
Compositor On

Analyst Initials
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			
Effluent	1000			

Date
Time
Day
Weather
Precipitation
Temp

2/23/20
AM
Sunday
Inches
Degreases F

Tkd Sludge LVL
701
0

702
501
502
OPS

W.A.S LVL
Lab

Heating Fuel
Bat. Cond.
Port Gen Run

Select
Select
Select

Gallons
Test Run
Gen Hrs
Select

Boiler Temp
Block Htr.
Boiler Pres.

Oil/Coolant

Pumped Flow
Total
Lead
Heat

170150 Max
Lag
Grinder

Parshall Flume
290 Min
2nd Lag
Hydraulic LVL
SBR

34 Avg
Temp

118

UV Operation
Slide Gates
Standby
301 Waste

Select
Select
Select
mins

UV Pump
SBR Blower
W.A.S Blower
302 Waste
Lab

Clean Screens
Select
Blower Speed
Blower Speed
mins

Air Valves
Select

Sampler Initials
Compositor On

Analyst Initials
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 2/24/20
 Time 7:00 AM
 Day Monday
 Weather Sunny
 Precipitation 0 Inches
 Temp 36 Degrees F

Lab
 W.A.S LVL
 501 502 8
 701 702 1 8
 4

Trnd Sludge LVL
 19658313 Parshall Flume
 167400 Max 230 Min 116
 3 Lag 1 2nd Lag 68
 Grinder On Hydraulic LVL Good
 SBR

UV Operation Good UV Pump Clean Screens Yes
 Slide Gates 303 SBR Blower 301 Air Valves Good
 Standby 304 W.A.S Blower 304 Blower Speed High
 301 Waste 5 mins 302 Waste 5 mins

Heating Fuel 2000 Gallons Gen Hrs
 Bat. Cond. Good Test Run No Boiler Temp 948 Block Htr. Good Oil/Coolant Good
 Port Gen Run No 168 Boiler Pres. 10

Pumped Flow 19658313 Parshall Flume Lower PSTA LVL 2.6
 Total 167400 Max 230 Min 116
 Lead 3 Lag 1 2nd Lag 68
 Heat On Grinder On Hydraulic LVL Good SBR

UV Operation Good UV Pump Clean Screens Yes
 Slide Gates 303 SBR Blower 301 Air Valves Good
 Standby 304 W.A.S Blower 304 Blower Speed High
 301 Waste 5 mins 302 Waste 5 mins

Sampler Initials JE Analyst Initials JE
 Compositor On 2/24/20 @ 7:05am Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	56	6.6	1.4	1.8	8	XXX	210
301	9:40	9:45	54	7	2.4	2.5	240	XXX	180
302	11:30	11:35	54	6.5	2.6	2.9	380	XXX	190
Effluent	7:05	7:10	54	6.9	6.1	6.5	0	0.6	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4163	4573	1640
301	25	5092	5763	2684
302	25			
Effluent	1000			

Date 2/25/20
 Time 7:00 AM
 Day Tuesday
 Weather Rain
 Precipitation 0.75 inches
 Temp 38 Degrees F

Tind Sludge LVL W.A.S LVL Lab
 701 702 501 502
 0 6 6 6
 OPS

Heating Fuel 1188 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 19684002 Parshall Flume
 Total 167400 Max 266 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On Good
 SBR

UV Operation UV Pump Clean Screens Yes
 Slide Gates Select SBR Blower 301 Blower Speed High Select
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 1 mins 302 Waste 9 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 2/25/20 @ 7:20am

946 Block Htz. Good Oil/coolant Good
 Boiler Temp 176 Boiler Pres. 12

Lower PSTA LVL 21 Avg 2.5 116
 2 Temp 68

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb
Influent	8:00	8:15	52	6.8	6.1	6.1	3	XXX
301	9	9:05	54	6.8	4	4.8	250	XXX
302	7:15	7:20	55	6.7	4.8	2	360	XXX
Effluent	8:20	8:26	51	7.2	5.9	6.3	0	1.1

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4140	4605	1860
301	25	4132	4867	2940
302	25			
Effluent	1000			

Date 2/26/20
 Time 7:00 AM
 Day Wednesday
 Weather Rain
 Precipitation 0.25 inches
 Temp 46 Degrees F

Tkd Sludge LVL W.A.S LVL Lab
 701 702 501 502
 5 1 11
 OPS

Heating Fuel 2600 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow 19713876 Parshall Flume
 Total 166230 Max 208 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On SBR
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301
 Standby 303 W.A.S Blower 304
 301 Waste 2 mins 302 Waste 2 mins

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

947 Block Htr. Good Oil/Coolant Good
 Boiler Temp 168 Boiler Pres. 10

Lower PSTA LVL 2.7 115
 12 Avg 67
 2 Temp

Air Valves Good
 Blower Speed High
 Blower Speed High

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	8:00	8:10	54	6.7	3.1	3.3	4	XXX	200
301	9:20	9:25	54	6.8	3.2	3.7	280	XXX	150
302	11:10	11:15	54	6.4	2.7	3.1	300	XXX	170
Effluent	8:05	8:15	54	6.9	5.9	6.8	0	1.2	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol IMG/L
Influent	200			
301	25	4967	5291	1296
302	25	5022	5382	1440
Effluent	1000			

Date 2/27/20
 Time 8:00 AM
 Day Thursday
 Weather Rain
 Precipitation 0.5 inches
 Temp 47 Degrees F

Lab

TKnd Sludge LVL
 701 702 501 502
 10 0 9 9
 OPS

Heating Fuel 2472 Gallons Gen His
 Bat. Cond. Good Test Run No
 Port Gen Run Select Boiler Temp 947 Block Htr. Good Oil/Coolant Good
 164 Boiler Pres. 10

Pumped Flow 19740863 Parshall Flume
 Total 171940 Max 229 Min
 Lead 3 Lag 1 2nd Lag 14 Avg 2.8
 Heat On Grinder On SBR Hydraulic LVL Good 68

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

Sampler initials JE Analyst initials JE
 Compostor On Compostor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:25	53	7.3	4.3	5.6	10	XXX	220
301	8:50	8:55	56	6.8	3.4	4.1	290	XXX	300
302	7:30	7:35	56	6.9	4.8	5.7	160	XXX	360
Effluent	7:05	7:10	54	6.8	5	5.8	0	0.4	320

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4156	4675	2076
301	25	4144	4433	1156
302	25			
Effluent	1000			

Date 2/28/20
 Time 7:00 AM
 Day Friday
 Weather Sunny
 Precipitation 0 inches
 Temp 38 Degrees F

Lab
 Tkd Sludge LVL
 701 702 501 502 8
 10 0 8
 W.A.S LVL
 OPS

Heating Fuel 2060 Gallons Gen His
 Bat. Cond. Good Test Run No
 Port Gen Run No

947 Block Htr. Good
 180 Boiler Pres. Good
 Oil/Coolant 10

Pumped Flow 19765041 Parshall Flume
 Total 169830 Max 223 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On SBR
 Hydraulic LVL Good

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

Air Valves Good
 Blower Speed High
 Blower Speed High

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	52	7.1	3.9	5.1	10	XXX	280
301	9	9:05	55	6.7	3	4.9	300	XXX	240
302	7:30	7:35	55	6.9	3.9	5	200	XXX	190
Effluent	7:25	7:35	57	6.9	4.8	6	0	1.3	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5097	5624	2108
302	25	5065	5454	1556
Effluent	1000			

Date
Time
Day
Weather
Precipitation
Temp
2/29/20
AM
Saturday
Inches
Degrees F

Tkd Sludge LVL
701
0
702
501
502
OPS

W.A.S LVL
501
502

Lab

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

Pumped Flow
Total
Lead
Heat
166740 Max
Lag
Grinder
Parshall Flume
259 Min
2nd Lag
Hydraulic LVL
SBR
Lower PSTA
LVL
38 Avg
Temp
116

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

Sampler Initials
Compositor On
Analyst Initials
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			0
301	25			0
302	25			0
Effluent	1000			