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Session Lockout Timer: 29:55

Signing Process Confirmation - CDX Activity ID: _e1b14820-daa5-4d0f-a91e-81370190ce60

Your DMRs are undergoing the Signing Process

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date	View Copy of Submission
CT0101745	DEEP RIVER WPCF	001	001-1	SANITARY SEWAGE	03/31/19	04/15/19	View Copy of Submission

Date 8/1/19 Day Friday Time 630 Temp 31°
Precipitation 1.5 Weather snow

Thickened Sludge 4/1.5 W.A.S. 7/7

Ops Building

Heating Fuel 3210 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour 20
Run Trailer Mounted Generators Boiler Temp 164 Boiler Pressure 12
Lower Pump Station

Pumped Flow 12264822 Parshall Flume 70697640
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 33 Temp 67°
Heat Grinder Hydraulic Level

Gallons 171360 Max 210 Min 37 Avg 119
SBR Building

UV Operation % Pump Number Clean Water Screens 754
Air Valves Slide Gates SBR Blowers 1 Speed High
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 18 min Waster Cycle 302 5 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	7:05	7:15	58°	6.4	1.2	1.9	14	XXXX	170
301	8:30	8:35	54°	6.9	3.0	3.2	320	XXXX	150
302	6:35	6:40	54°	6.8	2.7	3.4	340	XXXX	180
Effluent	7:10	7:20	54°	7.0	7.1	7.2	0	1.3	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4309	0.4750	1764		
302	25	0.4417	0.4551	536		
Effluent	1000	0.	0.			

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

Date 3/3/19 Day Sun Weather _____ Time _____ Temp _____

LAB

Thickened Sludge _____

W.A.S. _____

Ops Building

Heating Fuel _____

Gallons Generator Hours _____

Block Heater _____

Oil and Coolant _____

Battery Condition _____

Run For Hour _____

Run Trailer Mounted Generators _____

Boiler Temp _____

Boiler Pressure _____

Pumped Flow _____

Parshall Flume _____

Lead _____

Lag _____

2nd Lag _____

Wet Well Level _____

Temp _____

Heat _____

Grinder _____

Hydraulic Level _____

SBR Building

Gallons _____

Max 217

Min 29

Avg 112

UV Operation _____

% Pump Number _____

Clean Water Screens _____

Air Valves _____

Slide Gates _____

SBR Blowers _____

Speed _____

Lab Work

Waste Cycle 301 _____

min Waster Cycle 302 _____

Sampler Initials _____

Analyst Initials _____

Compositor Date and Time On _____

Compositor Date and Time Off _____

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

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

LAB
 Date 3/4/19 Day Monday Time 630 Temp 24°
 Precipitation 9" snow Weather ✓

Ops Building
 Thickened Sludge 7/0 W.A.S 9/1/8
 Heating Fuel 3710 Gallons Generator Hours 941 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 00
 Run Trailer Mounted Generators 00 Boiler Temp 166 Boiler Pressure 10
 Lower Pump Station
 Pumped Flow 12486784 Parshall Flume 72819430
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.2 Temp 67°
 Heat ✓ Grinder ✓ Hydraulic Level ✓

SBR Building
 Gallons 187870 Max 243 Min 47 Avg 130

UV Operation ✓ Pump Number ✓ Clean Water Screens red
 Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High
 Standby 3 W.A.S Blowers 5 Speed High
 Waste Cycle 301 0 min Waster Cycle 302 0 min
 Lab Work

Sampler Initials JC Analyst Initials JC
 Compositor Date and Time On 3/4/19 @ 8:00 Compositor Date and Time Off 3/5/19 @ 8:45

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	7:05	7:15	58°	6.7	1.1	1.5	10	XXXXX	180
301	6:30	6:35	56°	6.9	2.2	2.7	560	XXXXX	160
302	8:30	8:35	56°	7.0	3.7	3.9	480	XXXXX	170
Effluent	7:00	7:10	56°	7.0	7.6	7.8	0	.8	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4302	0.5022	2880		
302	25	0.4417	0.5069	2608		
Effluent	1000	0.	0.			

Date 3/5/19 Day Tuesday Time 630 Temp 20°
Precipitation 0 Weather Cold

LAB

Thickened Sludge 7/0 W.A.S. 10/10

Ops Building

Heating Fuel 3680 Gallons Generator Hours 941 Block Heater 0
Oil and Coolant 0 Battery Condition 0 Run For Hour 00
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12
Lower Pump Station

Pumped Flow 12570119 Parshall Flume 7365950
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 68°
Heat 0 Grinder 0 Hydraulic Level 0

SBR Building
Gallons 170040 Max 229 Min 47 Avg 118

UV Operation 0 Pump Number 1 Clean Water Screens 100
Air Valves 0 Slide Gates 0 SBR Blowers 1 Speed High
Standby 3 W.A.S. Blowers 5 Speed High
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	54°	6.9	3.0	3.1	12	XXXX	190
301	630	635	54°	6.8	1.7	1.8	390	XXXX	180
302	830	8:35	54°	6.7	2.4	2.7	430	XXXX	170
Effluent	7:05	7:15	56°	6.9	6.7	7.2	0	1.0	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4337	0.4932	2380		
302	25	0.4401	0.4974	2292		
Effluent	1000	0.	0.			

Date 3/6/19 Day Wednesday Time 6:30 Temp 14°
LAB
Precipitation 0 Weather Cold

Thickened Sludge 6.8 W.A.S. 5/5
Ops Building

Heating Fuel 3510 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 00
Run Trailer Mounted Generators 00 Boiler Temp 164 Boiler Pressure 10
Lower Pump Station

Pumped Flow 18595399 Parshall Flume 7551970
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 8.7 Temp 67°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 194720 Max 267 Min 75 Avg 135
SBR Building

UV Operation ✓ % Pump Number ✓ Clean Water Screens 7ed
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed high
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 18 min Waste Cycle 302 18 min

Lab Work

Sampler Initials JC Analyst Initials JC

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

Sample	Collected	Analyzed	Temp	pH	DOL	DOH	Settle	Turb	TDS
Influent	7:10	7:20	54°	6.9	1.0	1.6	18	XXXX	170
301	8:30	8:35	54°	6.8	2.1	2.9	450	XXXX	
302	6:30	6:35	64°	6.7	3.2	3.4	440	XXXX	190
Effluent	7:15	7:25	54°	7.1	6.7	6.9	0	5	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4409	0.4864	1820		
302	25	0.4354	0.470	1664		
Effluent	1000	0.	0.			

LAB
Date 3/7/19 Day Thursday Time 630 Temp 10°
Precipitation 0 Weather Cold

Thickened Sludge 5/0 W.A.S. 10/10
Ops Building
Heating Fuel 1800 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 166 Boiler Pressure 12
Lower Pump Station
Pumped Flow 12619083
Lead 3 Lag 2 2nd Lag 1
Heat Grinder Hydraulic Level
Wet Well Level 3.0 Temp 67°
Parshall Flume 7735460

SBR Building
Gallons 181770 Max 344 Min 48 Avg 126
UV Operation % Pump Number Clean Water Screens Ted
Air Valves Slide Gates SBR Blowers 1 Speed High
Standby 3 W.A.S. Blowers 5 Speed High
Waste Cycle 301 18 min Waster Cycle 302 18 min
Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	54°	6.9	4.1	4.4	8	XXXX	160
301	8:30	8:35	52°	6.9	5.2	6.8	400	XXXX	200
302	6:30	6:35	52°	7.01	3.4	3.7	500	XXXX	170
Effluent	7:15	7:25	52	7.3	7.1	7.4	0	1.1	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4354	0.4419	500		
302	25	0.4357	0.4738	1524		
Effluent	1000	0.	0.			

LAB
 Date 3/8/19 Day Friday Time 630 Temp 10
 Precipitation 0 Weather cold

Thickened Sludge 4/0 W.A.S. 13/13

Ops Building
 Heating Fuel 3260 Gallons Generator Hours 941 Block Heater
 Oil and Coolant Battery Condition Run For Hour no
 Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 14
 Lower Pump Station

Pumped Flow 12640828 Parshall Flume 7914590
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 66
 Heat Grinder Hydraulic Level

Gallons 181550 Max 220 Min 51 Avg 126
 SBR Building

UV Operation Pump Number Clean Water Screens TSD
 Air Valves Slide Gates SBR Blowers 1 Speed High
 Standby 3 W.A.S. Blowers 5 Speed High
 Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work
 Sampler Initials Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	54°	6.6	1.0	1.2	10	XXXX	150
301	8:30	8:35	52°	6.7	3.4	3.9	320	XXXX	
302	6:30	6:35	52°	6.8	2.2	2.6	400	XXXX	170
Effluent	7:05	7:15	52°	6.9	7.3	7.4	0	0.7	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4391	0.4731	1360		
302	25	0.4378	0.4605	924		
Effluent	1000	0.	0.			

Date 3/9/19 Day Saturday Time _____ Weather _____
Precipitation _____ Temp _____

LAB

Thickened Sludge _____

W.A.S. _____

Ops Building

Heating Fuel _____

Gallons Generator Hours _____

Block Heater _____

Oil and Coolant _____

Battery Condition _____

Run For Hour _____

Lower Pump Station _____

Pumped Flow _____

Parshall Flume _____

Lead _____

Lag _____

2nd Lag _____

Wet Well Level _____

Temp _____

Grinder _____

Hydraulic Level _____

Gallons 179260 Max 230 Min 46 Avg 124

SBR Building

UV Operation _____

% Pump Number _____

Clean Water Screens _____

Air Valves _____

Slide Gates _____

SBR Blowers _____

Speed _____

Lab Work

Waste Cycle 301 _____

min Waster Cycle 302 _____

Sampler Initials _____

Analyst Initials _____

Compositor Date and Time On _____

Compositor Date and Time Off _____

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

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

Date 3/10/19 Day Sunday Weather _____ Time _____ Temp _____

LAB

Thickened Sludge

W.A.S

Ops Building

Heating Fuel

Gallons Generator Hours

Block Heater

Oil and Coolant

Battery Condition

Run For Hour

Boiler Pressure

Lower Pump Station

Pumped Flow

Parshall Flume

Lead

Heat

Grinder

2nd Lag

Wet Well Level

Temp

Gallons (67860

Max

251

Min

46

Avg

11.7

SBR Building

UV Operation

% Pump Number

Clean Water Screens

Air Valves

Slide Gates

SBR Blowers

Speed

Lab Work

Waste Cycle 301

min Waster Cycle 302

min

Sampler Initials

Analyst Initials

Compositor Date and Time On

Compositor Date and Time Off

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

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

LAB
Date 3/11/19 Day Monday Time 6:30 Temp 38°
Precipitation 0 Weather nice

Thickened Sludge 5.4 / 0 W.A.S. 13 / 13

Ops Building
Heating Fuel 2810 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour 20
Run Trailer Mounted Generators no Boiler Temp 64 Boiler Pressure 12
Lower Pump Station

Pumped Flow 12709082
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 65°
Heat Grinder Hydraulic Level

Gallons 143600 Max 207 Min 39 Avg 99
SBR Building

UV Operation % Pump Number Clean Water Screens Fed
Air Valves Slide Gates SBR Blowers 1 Speed High
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 0 min Waster Cycle 302 0 min
Lab Work 16

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On 3/11/19 @ 8:30 Compositor Date and Time Off 3/12/19 @ 8:35

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	1:00	1:10	58°	6.7	1.4	1.9	14	XXXX	180
301	1:30	1:55	57°	7.0	2.9	3.4	520	XXXX	170
302	7:45	7:30	56°	6.9	3.8	4.7	300	XXXX	170
Effluent	1:05	1:15	58°	7.0	7.2	7.5	0	.6	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4385	0.4608	892		
302	25	0.4354	0.4545	764		
Effluent	1000	0.	0.			

LAB
Date 3/12/19 Day Tuesday Time 630 Temp 32°
Precipitation 0 Weather nice

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

Ops Building
Heating Fuel 2940 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour 20
Run Trailer Mounted Generators Boiler Temp 64 Boiler Pressure 10

Lower Pump Station
Pumped Flow 12725613
Lead 3 Lag 2 2nd Lag 1
Heat Grinder Hydraulic Level
Wet Well Level 3.0 Temp 67°

SBR Building
Gallons 173650 Max 209 Min 67 Avg 121

UV Operation % Pump Number Clean Water Screens 7d
Air Valves Slide Gates SBR Blowers 1 Speed High
Standby 3 W.A.S. Blowers 5 Speed High
Waste Cycle 301 6 min Waster Cycle 302 0 min
Lab Work up to 190 9:30

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:20	58°	6.6	1.0	1.1	10	XXXX	160
301	9:15	9:20	56°	6.9	4.4	4.5	560	XXXX	190
302	7:30	7:35	56°	7.0	3.0	3.4	340	XXXX	180
Effluent	7:05	7:15	56°	6.9	7.2	7.5	0	15	170

Sample	M/L	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4364	0.4565	804		
302	25	0.4340	0.4579	956		
Effluent	1000	0.	0.			

Date 3/13/19 Day Wednesday Time 630 Temp 28° Precipitation 0 Weather Cool

LAB

Thickened Sludge 4.9 / 0 W.A.S. 7 / 7

Ops Building

Heating Fuel 2140 Gallons Generator Hours 941 Block Heater 0
Oil and Coolant 0 Battery Condition 0 Run For Hour 0
Run Trailer Mounted Generators 0 Boiler Temp 166 Boiler Pressure 14
Lower Pump Station

Pumped Flow 12747341
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 68°
Heat 0 Grinder 0 Hydraulic Level 0

SBR Building

Gallons 189310 Max 258 Min 50 Avg 131
UV Operation 0 Pump Number 0 Clean Water Screens Fed
Air Valves 0 Slide Gates 0 SBR Blowers 1 Speed High
Standby 3 W.A.S. Blowers 5 Speed High
Waste Cycle 301 18 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:20	58°	6.7	1.4	1.5	12	XXXX	240
301	9:20	9:25	55°	6.9	3.1	3.5	400	XXXX	240
302	7:30	7:35	54°	6.9	3.4	3.6	400	XXXX	230
Effluent	7:00	7:10	56°	7.2	7.3	7.6	0	16	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4363	0.4531	672		
302	25	0.4381	0.4674	1172		
Effluent	1000	0.	0.			

Date 3/14/19 Day Thursday Time 6:30 Temp 29°
Precipitation 0 Weather nic

LAB

Thickened Sludge 39 / 0 W.A.S. 7 / 7

Ops Building

Heating Fuel 4000 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 09
Run Trailer Mounted Generators 00 Boiler Temp 168 Boiler Pressure 8
Lower Pump Station

Pumped Flow 1270227 Parshall Flume 8950450
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 68°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 185150 Max 221 Min 47 Avg 129

SBR Building

UV Operation ✓ % Pump Number ✓ Clean Water Screens 722
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed 100
Standby 3 W.A.S. Blowers 5 Speed High
Waste Cycle 301 18 min Waste Cycle 302 6 min
Lab Work up to 16 mins @ 8 AM

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	56°	6.6	1.2	1.7	14	XXXX	250
301	9:30	9:35	56°	7.0	1.9	2.3	280	XXXX	200
302	7:30	7:35	56°	6.9	2.1	2.3	380	XXXX	140
Effluent	7:10	7:20	55°	7.3	7.2	7.6	0	14	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4394	0.4581	748		
302	25	0.4568	0.4628	1040		
Effluent	1000	0.	0.			

LAB
 Date 3/12/19 Day Friday Time 6:30 Temp 50°
 Precipitation 0 Weather Overcast

Thickened Sludge 6 / 0 W.A.S. 12 / 12
 Ops Building

Heating Fuel 3940 Gallons Generator Hours 941 Block Heater
 Oil and Coolant Battery Condition Run For Hour 20
 Run Trailer Mounted Generators 40 Boiler Temp 169 Boiler Pressure 8
 Lower Pump Station

Pumped Flow 12987134
 Lead 3 Lag 2 2nd Lag 1
 Heat Grinder Hydraulic Level
 Wet Well Level 27 Temp 66°
 Parshall Flume 8001790

Gallons 17980 Max 246 Min 39 Avg 125
 SBR Building

UV Operation Pump Number Clean Water Screens 72d
 Air Valves Slide Gates SBR Blowers 1 Speed 10w
 Standby 3 W.A.S Blowers 5 Speed 10w
 Waste Cycle 301 0 min Waster Cycle 302 0 min
 Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:30	6:40	58°	6.7	2.6	3.0	14	XXXX	210
301	9:50	9:55	56°	6.9	2.1	2.7	320	XXXX	160
302	7:50	7:55	56°	6.8	3.0	3.4	330	XXXX	170
Effluent	6:35	6:45	56°	6.9	2.0	2.4	0	1.3	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4377	0.4582	820		
302	25	0.4381	0.4619	952		
Effluent	1000	0.	0.			

Date 3/16/18 Day Saturday Time Weather Precipitation LAB

Thickened Sludge W.A.S. 1

Ops Building Gallons Generator Hours Block Heater Run For Hour Oil and Coolant Battery Condition Run Trailer Mounted Generators Lower Pump Station

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

SBR Building Gallons Max 2-3 Min 46 Avg 133

UV Operation % Pump Number Clean Water Screens Air Valves Slide Gates SBR Blowers Speed Standby W.A.S Blowers Speed Waste Cycle 301 min Waster Cycle 302 min

Lab Work Sampler Initials Analyst Initials Compositor Date and Time On Compositor Date and Time Off

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

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

Date 3/17/18 Day Sunday Weather _____
Precipitation _____
LAB _____
Temp _____

Thickened Sludge _____
W.A.S _____

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

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

SBR Building _____
Gallons 188840 Max 271 Min 46 Avg 131

UV Operation _____ % Pump Number _____ Clean Water Screens _____
Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____
Standby _____ W.A.S Blowers _____ Speed _____
Waste Cycle 301 _____ min Waste Cycle 302 _____ min

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

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

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

LAB
 Date 3/18/19 Day Monday Time 630 Temp 27°
 Precipitation 0 Weather fine

Thickened Sludge 6/0 W.A.S 7/9
 Ops Building
 Heating Fuel 3840 Gallons Generator Hours 941 Block Heater
 Oil and Coolant Battery Condition Run For Hour no
 Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 8
 Lower Pump Station

Pumped Flow 13855680
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°
 Heat Grinder Hydraulic Level

Gallons 180580 Max 255 Min 46 Avg 125
 SBR Building

UV Operation % Pump Number Clean Water Screens 7c
 Air Valves Slide Gates SBR Blowers 1 Speed 10w
 Standby 3 W.A.S Blowers 5 Speed 10w
 Waste Cycle 301 6 min Waster Cycle 302 8 min
 Lab Work

Sampler Initials JC Analyst Initials JC
 Compositor Date and Time On 3/18/19 @ 7:10 Compositor Date and Time Off 3/19/19 @ 8:30

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	7:10	7:20	56°	6.8	1.0	1.4	8	XXXX	200
301	1:05	1:10	56°	7.0	3.0	3.2	320	XXXX	190
302	7:30	7:35	56°	6.9	3.0	3.1	400	XXXX	170
Effluent	7:15	7:25	54°	7.1	7.4	7.6	0	1.3	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4396	0.4598	808		
302	25	0.4416	0.4668	1008		
Effluent	1000	0.	0.			

Date 3/19/19 Day Tuesday Time 630 Temp 28°
LAB
Precipitation 0 Weather Nice

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

Ops Building
Heating Fuel 3890 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70
Run Trailer Mounted Generators 70 Boiler Temp 164 Boiler Pressure 14
Lower Pump Station

Pumped Flow 12876311 Marshall Flume 9863910
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 64°
Heat ✓ Grinder ✓ Hydraulic Level ✓

SBR Building
Gallons 17920 Max 235 Min 39 Avg 121

UV Operation ✓ Pump Number ✓ Clean Water Screens 1cd
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed 100
Standby 3 W.A.S. Blowers 5 Speed 1494
Waste Cycle 301 3 min Waster Cycle 302 6 min

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	56°	6.5	1.7	1.9	10	XXXX	190
301	9:30	9:35	55°	6.9	1.6	1.9	340	XXXX	190
302	7:30	7:35	55°	6.9	2.1	2.9	360	XXXX	170
Effluent	7:10	7:20	55°	7.3	2.1	2.2	0	.8	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S.
Influent	200	0.	0.			
301	25	0.4382	0.4698	1.64		
302	25	0.4401	0.4694	1.004		
Effluent	1000	0.	0.			

LAB
 Date 3/20/19 Day Wednesday Time 630 Temp 21°
 Precipitation 0 Weather Clear

Thickened Sludge 4.1 / 0 W.A.S. 8 / 8
 Ops Building
 Heating Fuel 3810 Gallons Generator Hours 941 Block Heater
 Oil and Coolant Battery Condition Run For Hour 20
 Run Trailer Mounted Generators 100 Boiler Temp 164 Boiler Pressure 10
 Lower Pump Station
 Pumped Flow 12898763 Parshall Flume 10035790
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 67°
 Heat Grinder Hydraulic Level

Gallons 16690 Max 224 Min 38 Avg 116
 SBR Building
 UV Operation % Pump Number Clean Water Screens 724
 Air Valves Slide Gates SBR Blowers 1 Speed 102
 Standby 3 W.A.S. Blowers 5 Speed 145
 Waste Cycle 301 3 min Waster Cycle 302 8 min
 Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	54°	6.8	1.1	1.4	14	XXXX	170
301	9:30	9:35	56°	6.9	2.8	3.0	320	XXXX	180
302	7:30	7:35	55°	7.0	3.0	3.1	300	XXXX	160
Effluent	7:10	7:20	55°	7.2	6.8	7.0	0	1.3	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4408	0.4682	1096		
302	25	0.4407	0.4692	1104		
Effluent	1000	0.	0.			

LAB
Date 3/21/19 Day Thursday Time 630 Temp 23°
Precipitation 0 Weather clear

Thickened Sludge 4.3 / 0 W.A.S. 10 / 10
Ops Building

Heating Fuel 3800 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour 20
Run Trailer Mounted Generators no Boiler Temp 166 Boiler Pressure 8
Lower Pump Station

Pumped Flow 12920190
Lead 3 Lag 2 2nd Lag 1
Heat Grinder Hydraulic Level
Parshall Flume 10205850
Wet Well Level 3.0 Temp 67°

Gallons 168920 Max 244 Min 37 Avg 117
SBR Building

UV Operation % Pump Number Clean Water Screens TCD
Air Valves Slide Gates SBR Blowers 1 Speed 100
Standby 3 W.A.S Blowers 5 Speed 119
Waste Cycle 301 3 min Waste Cycle 302 3 min
Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	7:10	7:20	55°	6.6	3.4	3.9	6	XXXX	200
301	130	135	56°	7.0	2.9	3.6	360	XXXX	210
302	730	7:35	55°	6.9	2.7	2.9	260	XXXX	170
Effluent	7:15	7:25	54°	7.0	7.3	7.6	0	1.3	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4382	0.4724	1368		
302	25	0.4186	0.4629	1772		
Effluent	1000	0.	0.			

Date 3/22/19 Day Friday Time 6:50 Temp 42°
Precipitation 0.75 Weather overcast

LAB

Ops Building

Heating Fuel 3290 Gallons Generator Hours 941 Block Heater
Oil and Coolant Battery Condition Run For Hour 20
Run Trailer Mounted Generators 20 Boiler Temp 168 Boiler Pressure 10
Lower Pump Station

Pumped Flow 12941764 Parshall Flume 10381800 Temp 68°
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 68°
Heat Grinder Hydraulic Level

SBR Building

Gallons 166020 Max 324 Min 41 Avg 115
UV Operation % Pump Number Clean Water Screens Fed
Air Valves Slide Gates SBR Blowers 1 Speed low
Standby 3 W.A.S Blowers 4 Speed High
Waste Cycle 301 0 min Waste Cycle 302 0 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:50	7:00	56°	6.8	1.1	1.6	10	XXXX	170
301	9:30	9:35	56°	7.0	3.4	3.7	310	XXXX	170
302	7:30	7:35	56°	7.0	2.7	3.2	280	XXXX	190
Effluent	6:55	7:05	56°	6.9	7.2	7.4	0	1.2	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4399	0.4702	1212		
302	25	0.4426	0.4689	1052		
Effluent	1000	0.	0.			

Date 3/23/19 Day Sat Weather Precipitation Time Temp

LAB Thickened Sludge W.A.S. Ops Building Heating Fuel Gallons Generator Hours Block Heater Oil and Coolant Battery Condition Run For Hour Run Trailer Mounted Generators Boiler Temp Boiler Pressure Lower Pump Station Pumped Flow Parshall Fume Lead Lag 2nd Lag Wet Well Level Temp Heat Grinder Hydraulic Level

SBR Building Gallons 184570 Max 246 Min 52 Avg 128 UV Operation % Pump Number Clean Water Screens Air Valves Slide Gates SBR Blowers Speed Standby W.A.S Blowers Speed Waste Cycle 301 min Waste Cycle 302 min Lab Work Sampler Initials Analyst Initials Compositor Date and Time On Compositor Date and Time Off

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

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

Date 3/24/19 Day Sun Time _____ Weather _____ Precipitation _____ LAB _____

Thickened Sludge _____ W.A.S. _____ Ops Building _____

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

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

Gallons _____ 183200 _____ Max _____ 213 _____ Min _____ 47 _____ Avg _____ 127 _____ SBR Building _____

UV Operation _____ % Pump Number _____ Clean Water Screens _____ Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____ Standby _____ W.A.S Blowers _____ Speed _____ Waste Cycle 301 _____ min _____ Waste Cycle 302 _____ min _____ Lab Work _____

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

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

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

Date 3/25/19 Day Mon Time 6:30 Temp 50°
Precipitation 0 Weather ✓

LAB

Thickened Sludge 3.9 / 0 W.A.S. 1 / 4.5

Ops Building

Heating Fuel 3790 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 1 Boiler Pressure ✓

Lower Pump Station

Pumped Flow 12998286 Parshall Flume 109/0310
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 68°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 177090 Max 259 Min 48 Avg 123

SBR Building

UV Operation ✓ % Pump Number ✓ Clean Water Screens 75d
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed 100
Standby 3 W.A.S. Blowers 4 Speed High

Waste Cycle 301 0 min Waste Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On 3/25/19 @ 8:30 Compositor Date and Time Off 3/26/19 @ 8:40

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	56°	6.7	2.6	3.0	16	XXXX	200
301	9:30	9:35	56°	6.9	3.0	3.1	360	XXXX	
302	7:30	7:35	56°	6.7	3.4	3.8	210	XXXX	270
Effluent	7:05	7:15	56°	6.9	7.0	7.2	0	7	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol M/G/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4392	0.4721	1316		
302	25	0.4384	0.4569	740		
Effluent	1000	0.	0.			

LAB
 Date 3/26/19 Day Tuesday Time 630 Temp 39°
 Precipitation 0 Weather Nice

Thickened Sludge 3710 W.A.S. 11/10
 Ops Building

Heating Fuel 3710 Gallons Generator Hours 941 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
 Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 10
 Lower Pump Station

Pumped Flow 13022670 Parshall Flume 11097880
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 68°
 Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 171310 Max 213 Min 39 Avg 119
 SBR Building

UV Operation ✓ % Pump Number 1 Clean Water Screens 100
 Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High
 Standby 3 W.A.S Blowers 4 Speed High
 Waste Cycle 301 0 min Waste Cycle 302 0 min
 Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:50	1700	57°	6.7	1.0	1.4	14	XXXX	210
301	930	935	56°	6.8	2.6	3.0	380	XXXX	140
302	730	735	56°	6.9	2.1	2.9	240	XXXX	140
Effluent	6:55	7:05	56°	7.2	7.1	7.4	0	1.2	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4382	0.4796	1656		
302	25	0.4417	0.4723	1624		
Effluent	1000	0.	0.			

Date 3/27/19 Day Wednesday Time 6:00 Temp 35°
LAB
Precipitation 0 Weather cool

Thickened Sludge 0 / 2 W.A.S. 9 / 9

Ops Building
Heating Fuel 3215 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Lower Pump Station
Run Trailer Mounted Generators no Boiler Temp 166 Boiler Pressure 14

Pumped Flow 13037613 Parshall Flume 11246080
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 66°
Heat ✓ Grinder ✓ Hydraulic Level ✓ grinder was off hook reset

SBR Building
Gallons 164760 Max 226 Min 37 Avg 114

UV Operation ✓ % Pump Number ✓ Clean Water Screens Test
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed low
Standby 3 W.A.S Blowers 4 Speed High
Waste Cycle 301 3 min Waste Cycle 302 0 min

Lab Work

Sampler Initials JC Analyst Initials JE

Compositor Date and Time On _____ Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DOL	DO H	Settle	Turb	TDS
Influent	600	630	56°	6.9	1.5	1.9	8	XXXX	200
301	530	535	56°	7.1	2.0	2.7	380	XXXX	170
302	730	735	56°	6.9	2.7	2.5	310	XXXX	170
Effluent	635	635	55°	6.9	7.0	7.1	0	1.2	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4402	0.4784	1528		
302	25	0.4387	0.4610	892		
Effluent	1000	0.	0.			

LAB
Date 3/28/19 Day Thursday Time 630 Temp 31°
Precipitation 0 Weather cool

Thickened Sludge 3.5 / 0 W.A.S. 6 / 6

Ops Building
Heating Fuel 3640 Gallons Generator Hours 941 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 166 Boiler Pressure 12
Lower Pump Station

Pumped Flow 13059232 Marshall Flume 11413870
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 67°
Heat ✓ Grinder ✓ Hydraulic Level good this am

SBR Building
Gallons 161280 Max 246 Min 40 Avg 114

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

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	705	715	56°	6.8	1.1	1.6	12	XXXX	230
301	920	925	56°	6.9	1.9	2.3	360	XXXX	180
302	730	735	55°	6.8	2.0	2.1	360	XXXX	190
Effluent	706	710	56°	7.0	7.0	7.2	0	1.3	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.441	0.4708	1188		
302	25	0.	0.4371	04665	1176	
Effluent	1000	0.	0.			

Date 3/29/19 Day Friday Time 6:30 Temp 40°
 Precipitation 0.14 Weather 0
 LAB

Thickened Sludge 0 / 0 / 0 W.A.S. 10 / 10 / 10
 Ops Building

Heating Fuel 3610 Gallons Generator Hours 941 Block Heater 0
 Oil and Coolant 0 Battery Condition 0 Run For Hour 00
 Run Trailer Mounted Generators 00 Boiler Temp 164 Boiler Pressure 10
 Lower Pump Station

Pumped Flow 13079157 Parshall Flume 11591160
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 68°
 Heat 00 Grinder 0 Hydraulic Level 0

Gallons 165420 Max 231 Min 35 Avg 115
 SBR Building

UV Operation 0 % Pump Number 0 Clean Water Screens 72d
 Air Valves 0 Slide Gates 0 SBR Blowers 1 Speed 600
 Standby 3 W.A.S Blowers 4 Speed 100
 Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work
 Sampler Initials JC Analyst Initials JE
 Compositor Date and Time On _____ Date and Time Off _____

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:50	6:55	56°	7.0	1.1	1.3	14	XXXX	190
301	9:30	9:35	56°	6.7	1.9	0.6	340	XXXX	170
302	7:30	7:35	56°	6.8	2.0	2.1	380	XXXX	180
Effluent	6:40	6:45	56°	6.9	2.3	2.5	0	1.0	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.4312	0.4610	1192		
302	25	0.4407	0.4782	1500		
Effluent	1000	0.	0.			

Date 3/30/19 Day Saturday Time _____ Weather _____
LAB _____

Thickened Sludge _____ W.A.S. _____
Ops Building _____

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

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

Gallons _____ 16540 _____ Max _____ 483 _____ Min _____ 37 _____ Avg _____ 115 _____
SBR Building _____

UV Operation _____ % Pump Number _____ Clean Water Screens _____ Speed _____
Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____
Standby _____ W.A.S Blowers _____ Speed _____
Waste Cycle 301 _____ min _____ Waste Cycle 302 _____ min _____
Lab Work _____

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

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

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

Date 3/31/19 Day Sunday Time _____ Temp _____
Precipitation _____ Weather _____

LAB

Thickened Sludge _____ W.A.S. _____

Ops Building _____

Heating Fuel _____ Gallons Generator Hours _____

Block Heater _____

Oil and Coolant _____

Battery Condition _____

Run For Hour _____

Lower Pump Station _____

Pumped Flow _____

Parshall Flume _____

Lead _____

Lag _____

2nd Lag _____

Wet Well Level _____

Temp _____

Grinder _____

Hydraulic Level _____

Gallons 181090 Max 314 Min 41 Avg 126

SBR Building _____

UV Operation _____ % Pump Number _____

Clean Water Screens _____

Air Valves _____

Slide Gates _____

SBR Blowers _____

Speed _____

Standby _____

W.A.S Blowers _____

Speed _____

Waste Cycle 301 _____ min Waste Cycle 302 _____ min

Lab Work _____

Sampler Initials _____

Analyst Initials _____

Compositor Date and Time On _____

Compositor Date and Time Off _____

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

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

1005 BOSTON POST ROAD
MADISON, CT 06443



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Phone 203-245-0568
Fax 203-318-0830
Connecticut Certification PH-0535
www.eclinonline.com

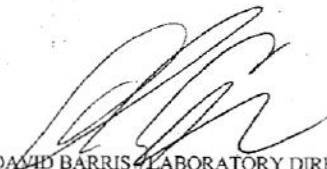
Report of Analysis

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

Sample ID#: 123657
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 3/26/2019
Receipt Date: 3/26/2019
Report Date: 4/2/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	70.0	mg/L	SM5210B	2	3/27/2019	KC
Total Suspended Solids	31.0	mg/L	SM2540D	1	3/29/2019	JB


DAVID BARRIS, LABORATORY DIRECTOR

ND = Not Detected

1005 BOSTON POST ROAD
MADISON, CT 06443



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CONSULTING LABORATORIES, INC.

Phone 203-245-0568
Fax 203-318-0830
Connecticut Certification PH-0535
www.eclinonline.com

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/26/2019
Receipt Date: 3/26/2019
Report Date: 4/2/2019
Sample Site: Effluent

Sample ID#: 123658
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	4.80	mg/L	SM5210B	2	3/27/2019	KC
Total Suspended Solids	3.00	mg/L	SM2540D	1	3/29/2019	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

CC JULTING LABORATORIES, INC.

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

Project:

Weekly

Influent/Effluent Testing

Fax:

Samplers Name: (Print)

John Ely

[illegible]

Relinquished by:

Received by:

Time

Date _____

3/26/15
9:48 AM

~~Relinquished by:~~

Received by:

Time

Date _____

Were Samples received within holding time? (Y) N
 Were Samples chilled upon receipt? (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

1005 BOSTON POST ROAD
MADISON, CT 06443



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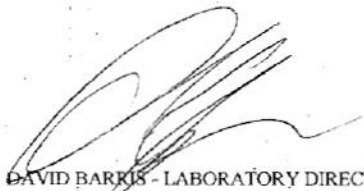
Phone 203-245-0568
Fax 203-318-0830
Connecticut Certification PH-0535
www.eclinonline.com

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/19/2019
Receipt Date: 3/19/2019
Report Date: 3/26/2019
Sample Site: Influent

Sample ID#: 123525
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	95.0	mg/L	SM5210B	2	3/20/2019	KC
Total Suspended Solids	58.0	mg/L	SM2540D	1	3/22/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

1005 BOSTON POST ROAD
MADISON, CT 06443



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CONSULTING LABORATORIES, INC.

Phone 203-245-0568
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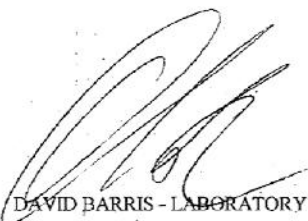
Report of Analysis

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

Sample ID#: 123526
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 3/19/2019
Receipt Date: 3/19/2019
Report Date: 3/26/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	3/20/2019	KC
Total Suspended Solids	3.00	mg/L	SM2540D	1	3/22/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

7005 Boston Post Road
Madison, CT 06443

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

Project

Contact: Mr. Peter Lewis

**Weekly
Influent/Effluent Testing**

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-6044 Fax:

Samplers Name: (Print)

John Ely

[illegible]

Relinquished by:

Received by:

Time

Date _____

3/9/19

Received by: 

9:32 AM

~~Relinquished by:~~

Received by:

Time

Date _____

Were Samples received within holding time? (Y) N
Were Samples chilled upon receipt? (Y) N 37°C
Were Samples in appropriate containers? (Y) N
If No Explain

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

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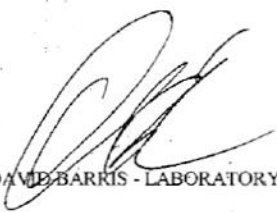
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Fax 203-318-0830
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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/12/2019
Receipt Date: 3/12/2019
Report Date: 3/19/2019
Sample Site: Influent

Sample ID#: 123393
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	204	mg/L	SM5210B	2	3/13/2019	KC
Total Suspended Solids	130	mg/L	SM2540D	1	3/15/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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Connecticut Certification PH-0535
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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: 3/12/2019
Receipt Date: 3/12/2019
Report Date: 3/19/2019
Sample Site: Effluent

Sample ID#: 123394
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	2.43	mg/L	SM5210B	2	3/13/2019	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	3/15/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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* Monkeys Boffes *

7005 Boston Post Road
Madison, CT 06443

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

Contact: **Mr. Peter Lewis**

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-6044

Samplers Name: (Print)

John Ely

Samplers Name: (Print)

Project:

Weekly

Influent/Effluent Testing

Client I.D.	Sampling Location	Date	Time	Sample Type				Number of Containers	BOD	TSS	Fecal/E	ECL Sample I.D.#
				Water	Solid	Comp	Grab					
	Influent	3/12/19	8:45	X		X		1	X	X		123393
	Effluent	3/12/19	8:35	X		X		1	X	X		123394
	Effluent			X			X	1			X	

Relinquished by:

Date	Time
------	------

Received by:

3/12/19

Were Samples received within holding time? Y N
 Were Samples chilled upon receipt? 8 N 13.0 °C
 Were Samples in appropriate containers? Y N
 If No Explain _____

Relinquished by:

Date	Time
------	------

Received by: _____

10

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

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1005 Boston Post Road
Madison, CT 06443

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

Client: Town of Deep River-WPCF

Contact: Mr. Peter Lewis

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-6044 Fax:

PWSID#:

System Type:

Samplers Name: (Print)

John Ely

Project:

Monthly + Weekly
Influent/Effluent Testing

Required Analysis

Ortho & Total Phos
Alkalinity (grab sample)
BOD/TSS
Fecal/Enterococcus May-Oct

Client I.D.	Sampling Location	Date	Time	Water	Solid	Comp	Grab	Number of Containers	TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct	Cl ₂ Res.	ECL Sample I.D.#
	Influent (Monthly)	3/5/19	8:50	X		X		2	X	X			1 - 16oz 1 - 4oz (H2SO4) 1 - 32oz		
	Effluent (Monthly)	3/5/19	8:55	X		X		2	X	X			1 - 4oz (H2SO4)		
	Influent (Monthly)	3/5/19	8:20	X			X	1		X			1 - 8oz		
	Effluent (Monthly)	3/5/19	8:25	X			X	1		X			1 - 8oz		
	Influent (Weekly)	3/5/19	8:50	X		X		1				X	1 - 8oz		123260
	Effluent (Weekly)	3/5/19	8:55	X		X		1				X	1 - 16oz		123261
	Effluent (Weekly)			X			X	1				X	1 - Baet.		

Relinquished by:

Date

Time

Received by:

3/5/19

9:25 am

Were Samples received within holding time? Y/N
Were Samples chilled upon receipt? Y/N
Were Samples in appropriate containers? Y/N
If No Explain

Relinquished by:

Date

Time

Received by:

3/5/19

9:25 am

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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MADISON, CT 06443



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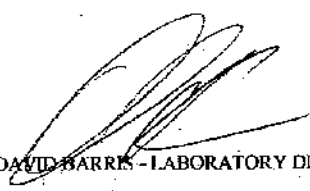
Report of Analysis

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

Sample ID#: 123260
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/12/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	132	mg/L	SM5210B	2	3/6/2019	KC
Total Suspended Solids	52.0	mg/L	SM2540D	1	3/8/2019	JB


DAVID HARRIS - LABORATORY DIRECTOR

ND = Not Detected

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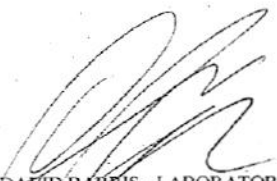
Phone 203-245-0568
Fax 203-318-0830
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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/12/2019
Sample Site: Effluent

Sample ID#: 123261
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	3/6/2019	KC
Total Suspended Solids	8.00	mg/L	SM2540D	1	3/8/2019	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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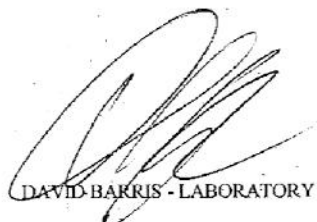
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Fax 203-318-0830
Connecticut Certification PH-0535
www.eclinconline.com

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/13/2019
Sample Site: Influent

Sample ID#: 123256
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	15.4	mg/L	ASTM D6919-03	0.05	3/8/2019	KC
Nitrate as N	ND	mg/L	EPA300.0	0.1	3/5/2019	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	3/5/2019	JB
Orthophosphate as P	2.20	mg/L	EPA300.0	0.02	3/5/2019	JB
Phosphorous -Total as P	4.72	mg/L	EPA 200.7	0.04	3/12/2019	JM
TKN as N	24.0	mg/L	4500NorgC	0.5	3/12/2019	KC
Total Nitrogen as N	24.0	mg/L	CALC	1	3/13/2019	KC


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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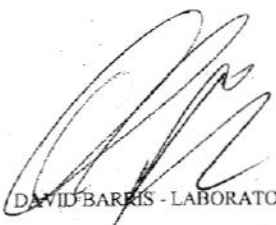
Phone 203-245-0568
Fax 203-318-0830
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www.eclinonline.com

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/13/2019
Sample Site: Effluent

Sample ID#: 123257
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	2.34	mg/L	ASTM D6919-03	0.05	3/8/2019	KC
Nitrate as N	0.15	mg/L	EPA300.0	0.1	3/5/2019	JB
Nitrite as N	0.09	mg/L	EPA300.0	0.01	3/5/2019	JB
Orthophosphate as P	0.47	mg/L	EPA300.0	0.02	3/5/2019	JB
Phosphorous -Total as P	0.84	mg/L	EPA 200.7	0.04	3/12/2019	JM
TKN as N	2.82	mg/L	4500NorgC	0.5	3/12/2019	KC
Total Nitrogen as N	3.06	mg/L	CALC	1	3/13/2019	KC


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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

Sample ID#: 123258
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/7/2019
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity(Grab)	130	mg/L	SM2320-B	20	3/6/2019	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 ID#: 123259
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 3/5/2019
Receipt Date: 3/5/2019
Report Date: 3/7/2019
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity(Grab)	40.3	mg/L	SM2320-B	20	3/6/2019	KC-


DAVID BARRIS, LABORATORY DIRECTOR

ND = Not Detected