

Date 8/31/18 Day Friday Time 6AM Temp 67°
Precipitation 0 Weather cooler

LAB

Thickened Sludge — / 3.9 W.A.S 5 / 5

Ops Building

Heating Fuel 1740 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8205216 Parshall Flume 16053570
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.2 Temp 74°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 180180 Max 246 Min 49 Avg 125

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	5:40	5:55	64°	6.7	1.0	1.4	40	XXXX	390
301	7:50	7:55	73°	6.9	1.8	1.9	240	XXXX	210
302	6:05	6:10	73°	6.7	1.8	2.1	200	XXXX	200
Effluent	5:45	5:50	72°	7.1	6.8	6.9	0	26	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3915	0. 4463	2192		
302	25	0. 3952	0. 4538	2344		
Effluent	1000	0.	0.			

Date 8 / 30 / 18 Day Thursday Time 6AM Temp 74°
Precipitation 0 Weather HHH

LAB

Thickened Sludge 0 / 4.7 W.A.S 5 / 5

Ops Building

Heating Fuel 1740 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8391657 Parshall Flume 15787720
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 76°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 164190 Max 210 Min 29 Avg 113

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens fed
Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
Standby 3 W.A.S Blowers 4 Speed low
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	<u>530</u>	<u>5:40</u>	<u>64°</u>	<u>6.7</u>	<u>.4</u>	<u>.7</u>	<u>22</u>	<u>XXXX</u>	<u>280</u>
301	<u>8:05</u>	<u>8:10</u>	<u>74°</u>	<u>6.9</u>	<u>3.7</u>	<u>3.9</u>	<u>260</u>	<u>XXXX</u>	<u>200</u>
302	<u>6</u>	<u>6:05</u>	<u>74°</u>	<u>7.0</u>	<u>3.8</u>	<u>4.1</u>	<u>240</u>	<u>XXXX</u>	<u>190</u>
Effluent	<u>535</u>	<u>5:45</u>	<u>73°</u>	<u>6.9</u>	<u>6.7</u>	<u>6.9</u>	<u>0</u>	<u>0.1</u>	<u>190</u>

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	<u>200</u>	<u>0.</u>	<u>0.</u>			
301	<u>25</u>	<u>0.3859</u>	<u>0.4343</u>	<u>1936</u>		
302	<u>25</u>	<u>0.3911</u>	<u>0.4336</u>	<u>1700</u>		
Effluent	<u>1000</u>	<u>0.</u>	<u>0.</u>			

Date 8/29/18 Day wednesday Time 6AM Temp 74°
Precipitation 0 Weather Humid

LAB

Thickened Sludge — / 3.78 W.A.S. 8 / 8

Ops Building

Heating Fuel 1640 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8237419 Parshall Flume 15693710
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 76°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 164120 Max 207 Min 14 Avg 114

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens ten
Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
Standby 3 W.A.S Blowers 4 Speed low
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	5:45	5:55	68°	6.7	.1	.4	34	XXXX	300
301	8	8:05	72°	6.7	4.1	4.3	200	XXXX	200
302	6	6:05	72°	6.9	3.8	4.1	200	XXXX	170
Effluent	5:50	6:10	72°	7.2	6.4	7.0	0	.6	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3918	0.4343	1700		
302	25	0.3874	0.4369	1980		
Effluent	1000	0.	0.			

Date 8/28/18 Day Tuesday Time 6 AM Temp 67°
Precipitation 0 Weather Humid

LAB

Thickened Sludge / 3.8 W.A.S. 5 / 5

Ops Building

Heating Fuel 2000 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 158 Boiler Pressure 10

Lower Pump Station

Pumped Flow 8153236 Parshall Flume 15520780
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 69
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 176430 Max 225 Min 47 Avg 122

SBR Building

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

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On Compositor Date and Time Off

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:10	6:15	68°	6.6	0.3	0.7	24	XXXX	360
301	7:45	7:50	71°	6.9	3.4	3.7	200	XXXX	190
302	6:00	6:05	71°	6.7	2.2	2.6	200	XXXX	200
Effluent	6:25	6:30	71°	7.1	6.7	6.9	0	0.7	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3906	0. 4365	1836		
302	25	0. 3877	0. 4304	1708		
Effluent	1000	0.	0.			

Date 8/27/18 Day Monday Time 6 AM Temp 70°
Precipitation 0 Weather HHH

LAB

Thickened Sludge 3.4 W.A.S. 7 / 7

Ops Building

Heating Fuel 1840 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8217684 Parshall Flume 15327480
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 74°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 164610 8217684 Max 209 Min 31 Avg 114

SBR Building

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

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 8/27/18 @ 5:45 Compositor Date and Time Off 8/28/18 @ 9:00 AM

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:10	6:25	66°	6.6	1.1	1.6	24	XXXX	210
301	7:50	7:55	72°	6.7	2.4	2.9	220	XXXX	190
302	6:00	6:05	71°	6.8	3.9	4.2	220	XXXX	210
Effluent	6:15	6:20	70°	7.1	6.9	7.2	0	0.9	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3952	0. 4346	1576		
302	25	0. 3924	0. 4289	1460		
Effluent	1000	0.	0.			

Date 8/26/18 Day Sunday Time 7AM Temp 64°
Precipitation 0 Weather nice

LAB

Thickened Sludge — / 3.4 W.A.S. 5.2 / 5.2

Ops Building

Heating Fuel 1860 Gallons Generator Hours 939 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 8207164 Parshall Flume 15180240

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 74°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 172140 Max 210 Min 33 Avg 119

SBR Building

UV Operation 96 % Pump Number 1 Clean Water Screens perfect

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed low

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 8/25/18 Day Saturday Time 7 AM Temp 58°
Precipitation 0 Weather nice

LAB

Thickened Sludge — / 3.1 W.A.S. 4.5 / 4.5

Ops Building

Heating Fuel 2100 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70
Run Trailer Mounted Generators no Boiler Temp 160 Boiler Pressure 14

Lower Pump Station

Pumped Flow 8194726 Parshall Flume 14999180
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 78°
Heat 70 Grinder ✓ Hydraulic Level ✓

Gallons 174880 Max 209 Min 36 Avg 120

SBR Building

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

Lab Work

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

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

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

Date 8 / 24 / 18 Day Friday Time 6AM Temp 67°
Precipitation 0 Weather cool

LAB

Thickened Sludge — / 4 W.A.S. 5 / 5

Ops Building

Heating Fuel 2140 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
Run Trailer Mounted Generators no Boiler Temp 170 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8142751 Parshall Flume 14672380
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 74°
Heat n Grinder ✓ Hydraulic Level ✓

Gallons 177,830 Max 224 Min 24 Avg 122

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:00	6:15	66°	6.8	2.2	4.4	22	XXXX	280
301	8:55	8:0	67.2°	7.1	2.9	3.6	220	XXXX	210
302	5:50	5:55	73°	6.8	3.9	4.2	240	XXXX	240
Effluent	6:05	6:10	72°	7.1	6.7	6.9	0	1.1	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3871	0. 4472	2404		
302	25	0. 3914	0. 4366	1808		
Effluent	1000	0.	0.			

Date 8 / 23 / 18 Day Thursday Time 6 AM Temp 68°
Precipitation 0 Weather Nice

LAB

Thickened Sludge — / 3.5 W.A.S. 7 / 7

Ops Building

Heating Fuel 2140 Gallons Generator Hours 939 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8087172 Parshall Flume 14597160

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 80

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 179380 Max 241 Min 33 Avg 125

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens fed

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S. Blowers 4 Speed low

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:15	64°	6.8	.2	.8	22	XXXX	340
301	7:55	8	72°	6.7	1.7	1.9	200	XXXX	210
302	6	605	72°	6.7	3.0	3.3	220	XXXX	260
Effluent	7:10	7:20	73°	7.0	6.7	6.9	0	1.3	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3872	0.4236	1456		
302	25	0.3906	0.4327	1684		
Effluent	1000	0.	0.			

Date 8/22/18 Day Wednesday Time 5:30AM Temp 68°
Precipitation 0 Weather Drizzle

LAB

Thickened Sludge — / 3.9 W.A.S. 6 / 6

Ops Building

Heating Fuel 2140 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8050647 Parshall Flume 14415080
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 84°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 181550 Max 222 Min 50 Avg 124

SBR Building

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

Lab Work

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	5:30	5:45	66°	6.8	0.7	1.3	24	XXXX	300
301	8:05	8:10	72°	6.7	4.0	4.3	200	XXXX	200
302	5:50	5:55	67°	7.0	3.9	4.6	240	XXXX	210
Effluent	5:35	5:40	73°	7.2	6.9	7.2	0	1.1	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3879	0.4305	1704		
302	25	0.3916	0.4313	1588		
Effluent	1000	0.	0.			

Date 8/21/18 Day Tuesday Time 6 AM Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge — / 3.5 W.A.S. 7 / 7

Ops Building

Heating Fuel 2140 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 160 Boiler Pressure 10

Lower Pump Station

Pumped Flow 8030326 Parshall Flume 14222170
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 81°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 190730 Max 265 Min 65 Avg 132

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
Standby 3 W.A.S Blowers 4 Speed 100
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	9:00	9:05	64°	6.6	1.7	1	22	XXXX	260
301	8	8:05	73°	7.0	4.7	5.0	220	XXXX	230
302	5:55	6 AM	73°	6.9	3.8	4.1	230	XXXX	210
Effluent	9:10	9:15	72°	7.1	6.9	7.2	0	0.7	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3912	0.4373	1844		
302	25	0.3897	0.4321	1696		
Effluent	1000	0.	0.			

Date 8/20/18 Day Monday Time 5:30 Temp 68°
Precipitation 0 Weather Nice

LAB

Thickened Sludge / 4 W.A.S. 8 / 8

Ops Building

Heating Fuel 2140 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
Run Trailer Mounted Generators 10 Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 8009619 Parshall Flume 14022580
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 80
Heat 50 Grinder ✓ Hydraulic Level ✓

Gallons 183110 Max 204 Min 37 Avg 16126

SBR Building

UV Operation 99 % Pump Number 1 Clean Water Screens fed
Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
Standby 3 W.A.S Blowers 4 Speed low
Waste Cycle 301 2 min Waster Cycle 302 2 min

Lab Work

Sampler Initials JE Analyst Initials JE

Compositor Date and Time On 8/20/18 @ 5:30 Compositor Date and Time Off 8/21/18 @ 9:10

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	5:30	5:45	59°	6.7	1.0	1.4	36	XXXX	360
301	8:00	8:05	73°	6.9	2.7	2.9	200	XXXX	200
302	6:00	6:05	73°	6.8	3.7	4.2	200	XXXX	210
Effluent	5:35	5:40	73°	7.1	6.8	7.1	0	1.0	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3882	0. 4321	1756		
302	25	0. 3910	0. 4330	1680		
Effluent	1000	0.	0.			

Chart not changed

Date 8 / 19 / 18 Day Sunday Time 8AM Temp 74°
Precipitation 0 Weather Hot

LAB

Thickened Sludge / 4 W.A.S 6 / 6

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 7999501 Parshall Flume 13824570
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 84°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 175200 Max 198 Min 39 Avg 121

SBR Building

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

Lab Work

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

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

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

Date 8/18/18 Day Saturday Time 8AM Temp 78°
Precipitation — Weather cloudy

LAB

Thickened Sludge — / 3.8 W.A.S. 5 / 5

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 7979708 Parshall Flume 13616270
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.5 Temp 84°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 185260 Max 221 Min 34 Avg 127

SBR Building

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

Lab Work

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

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

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

Date 8/17/18 Day Friday Time 6AM Temp 72
 Precipitation 0 Weather HHH

LAB

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

Ops Building

Heating Fuel 1760 Gallons Generator Hours 939 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10

Run Trailer Mounted Generators 10 Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7986431 Parshall Flume 13399⁷⁶⁰

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 80

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 181620 Max 209 Min 41 Avg 127

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens red

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed low

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:05	7:10	69°	6.8	1.4	1.6	40	XXXX	290
301	58:05	8:10	73	6.7	2.9	3.4	240	XXXX	240
302	6:05	6:10	74°	6.7	3.9	4.2	280	XXXX	260
Effluent	7:15	7:20	73°	7.1	6.8	7.0	0	.6	200

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3907	0.4228	1284		
302	25	0.3874	0.4235	1444		
Effluent	1000	0.	0.			

Date 8 / 16 / 18 Day Thursday Time 6 AM Temp 72°
 Precipitation 0 Weather HHH

LAB

Thickened Sludge — / 3.8 W.A.S 5 / 5

Ops Building

Heating Fuel 1720 Gallons Generator Hours 939 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 7942294 Parshall Flume 13203660
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 82°
 Heat no Grinder ✓ Hydraulic Level ✓

Gallons 180540 ~~7942294~~ Max 271 Min 31 Avg 126

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:10	6:20	67°	6.7	.6	.9	10	XXXX	290
301	8:05	8:10	74°	6.7	3.5	3.8	200	XXXX	240
302	5:55	6:00	74°	6.7	3.9	4.2	240	XXXX	230
Effluent	6:05	6:15	74°	7.1	6.8	7.0	0	.9	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3905	0. 4181	1104		
302	25	0. 3892	0. 4176	1136		
Effluent	1000	0.	0.			

Date 8 / 15 / 18 Day Wednesday Time 6AM Temp 70°
Precipitation 0 Weather HHH

LAB

Thickened Sludge — / 3.61 W.A.S 5 / 5

Ops Building

Heating Fuel 1740 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7922436 Parshall Flume 12896270
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 80°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 178180 Max 210 Min 26 Avg 122

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	5:45	5:55	64°	6.7	1	1.3	30	XXXX	240
301	7:45	7:50	74°	6.8	4.6	5.1	200	XXXX	240
302	6:05	6:10	74°	6.8	3.6	4.2	220	XXXX	230
Effluent	5:50	6	73°	6.9	6.8	7.0	0	.7	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3882	0. 4159	1108		
302	25	0. 3897	0. 4245	1392		
Effluent	1000	0.	0.			

Date 8/14/18 Day Tuesday Time 6AM Temp 70°
Precipitation .5 Weather Humid/rain

LAB

Thickened Sludge — / 4 W.A.S 5 / 5

Ops Building

Heating Fuel 939 Gallons Generator Hours 1810 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7903019 Parshall Flume 12768580

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.6 Temp 78°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 182850 Max 273 Min 46 Avg 127

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens fed

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed low

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:00	6:10	67°	6.7	2.4	1.8	30	XXXX	330
301	7:45	7:50	67°	7.0	2.1	2.4	200	XXXX	240
302	6:05	6:15	74°	7.0	1.4	3.7	200	XXXX	260
Effluent	6:20	6:25	73°	7.2	6.9	7.1	0	1.1	240

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3907	0.4223	1264		
302	25	0.3891	0.4253	1448		
Effluent	1000	0.	0.			

Date 8/13/18 Day Monday Time 64m Temp 72°
Precipitation 0 Weather Humid

LAB

Thickened Sludge / 3.8 W.A.S. 11.1 / 11.1

Ops Building

Heating Fuel 1760 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
Run Trailer Mounted Generators no Boiler Temp 104 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7883691 Parshall Flume 12560710
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 80
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 180920 Max 274 Min 47 Avg 126

SBR Building

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

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On 8/13 @ 9 AM Compositor Date and Time Off 8/14 @ 9 AM

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	<u>9</u>	<u>9:10</u>	<u>66°</u>	<u>7.1</u>	<u>0.8</u>	<u>1.1</u>	<u>28</u>	<u>XXXX</u>	<u>240</u>
301	<u>8:05</u>	<u>8:10</u>	<u>73°</u>	<u>6.7</u>	<u>2.1</u>	<u>2.9</u>	<u>180</u>	<u>XXXX</u>	<u>220</u>
302	<u>6:05</u>	<u>6:10</u>	<u>73°</u>	<u>6.9</u>	<u>3.7</u>	<u>4.4</u>	<u>200</u>	<u>XXXX</u>	<u>230</u>
Effluent	<u>9:05</u>	<u>9:15</u>	<u>74°</u>	<u>7.0</u>	<u>6.8</u>	<u>7.1</u>	<u>0</u>	<u>1.3</u>	<u>210</u>

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	<u>200</u>	<u>0.</u>	<u>0.</u>			
301	<u>25</u>	<u>0. 3916</u>	<u>0. 4113</u>	<u>788</u>		
302	<u>25</u>	<u>0. 3903</u>	<u>0. 4175</u>	<u>1088</u>		
Effluent	<u>1000</u>	<u>0.</u>	<u>0.</u>			

Date 8/12/18 Day Sunday Time 8AM Temp 72°
Precipitation _____ Weather _____

LAB

Thickened Sludge _____ / 3.8 W.A.S. 10.4 / 10.4

Ops Building

Heating Fuel 1840 Gallons Generator Hours 939 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators ✓ Boiler Temp 160 Boiler Pressure 10

Lower Pump Station

Pumped Flow 7914265 Parshall Flume 12997130

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 83°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 164310 Max 229 Min 30 Avg 110

SBR Building

UV Operation 95 % Pump Number 1 Clean Water Screens Perfect

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed low

Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 8 / 11 / 18 Day Saturday Time 8 AM Temp 74°
Precipitation .25 Weather overcast

LAB

Thickened Sludge / 3.8 W.A.S 8 / 8

Ops Building

Heating Fuel 1840 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 20
Run Trailer Mounted Generators no Boiler Temp 174 Boiler Pressure 16

Lower Pump Station

Pumped Flow 7899462 Parshall Flume 12173180
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 84°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 166,720 Max 234 Min 21 Avg 114

SBR Building

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

Lab Work

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

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

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

Date 8/10/18 Day Friday Time 6 AM Temp 71°
 Precipitation 0 Weather HHH

LAB

Thickened Sludge / 4.1 W.A.S. 5.1 / 5

Ops Building

Heating Fuel 1810 Gallons Generator Hours 939 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
 Run Trailer Mounted Generators no Boiler Temp 160 Boiler Pressure 10

Lower Pump Station

Pumped Flow 7814725 Parshall Flume 11997170
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 78°
 Heat 10 Grinder ✓ Hydraulic Level ✓

Gallons 159380 Max 222 Min 31 Avg 110

SBR Building

UV Operation 93 % Pump Number 1 Clean Water Screens red
 Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
 Standby 3 W.A.S Blowers 4 Speed low
 Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	6:55	67°	6.6	.5	.9	26	XXXX	240
301	7:50	7:55	74°	6.8	1.1	1.9	360	XXXX	210
302	6:60	6:05	74°	6.7	4.1	4.6	230	XXXX	210
Effluent	645	6:50	74°	7.1	7.1	7.3	0	.8	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3879	0.4850	1484		
302	25	0.3892	0.4176	1136		
Effluent	1000	0.	0.			

Date 8/9/18 Day Thursday Time 6AM Temp 71°
 Precipitation 0 Weather HHH

LAB

Thickened Sludge — / 4.6 W.A.S. 7 / 7

Ops Building

Heating Fuel 1860 Gallons Generator Hours 939 Block Heater —
 Oil and Coolant — Battery Condition — Run For Hour 10
 Run Trailer Mounted Generators 10 Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7717472 Parshall Flume 11497930
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 79°
 Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 166240 Max 233 Min 21 Avg 116

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:00	6:15	68°	6.7	1.4	1.7	26	XXXX	210
301	7:55	8	74°	7.0	3.2	3.4	240	XXXX	200
302	6:05	6:10	74°	6.9	4.1	4.6	260	XXXX	210
Effluent	6:20	6:25	73°	7.1	6.8	7.3	0	.7	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3917	0.4177	1040		
302	25	0.3884	0.4125	964		
Effluent	1000	0.	0.			

Date 8 / 8 / 18 Day Wednesday Time 6AM Temp 74°

Precipitation 0 Weather HHH

LAB

Thickened Sludge 3.7 W.A.S. 8 / 8 *+ our truck had maybe 1'*

Ops Building

Heating Fuel 1840 Gallons Generator Hours 939 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70

Run Trailer Mounted Generators 70 Boiler Temp 174 Boiler Pressure 14

Lower Pump Station

Pumped Flow 7697142 Parshall Flume 11399640

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 84°

Heat 70 Grinder ✓ Hydraulic Level ✓

Gallons 169310 Max 269 Min 41° Avg 118

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens Red

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed 100

Waste Cycle 301 2 min Waster Cycle 302 4 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	5:50	6:15	67°	7.0	1.4	1.7	32	XXXX	260
301	7:50	7:55	74°	6.8	3.1	3.9	220	XXXX	210
302	6	6:05	74°	6.9	3.9	4.2	200	XXXX	240
Effluent	5:55	6:10	73°	7.1	6.7	7.0	0	1.1	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3891	0. 4128	948		
302	25	0. 3892	0. 4116	896		
Effluent	1000	0.	0.			

Date 8/7/18 Day Tuesday Time 6AM Temp 76°
Precipitation 0 Weather HHH

LAB

Thickened Sludge — / 4 W.A.S. 8 / 8

Ops Building

Heating Fuel 1840 Gallons Generator Hours 936 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12

Lower Pump Station

Pumped Flow 7784354 Parshall Flume 11479510
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 84°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 179610 Max 271 Min 45 Avg 125

SBR Building

UV Operation 94 % Pump Number 1 Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
Standby 3 W.A.S. Blowers 4 Speed low
Waste Cycle 301 2 min Waster Cycle 302 4 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	6:10	6:15	65°	6.7	.9	1.4	26	XXXX	270
301	7:55	8	74°	6.9	3.7	4.2	240	XXXX	210
302	5:50	6	74°	6.8	4.2	4.5	310	XXXX	240
Effluent	6:20	6:25	73°	7.1	7.1	7.3	0	.7	210

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3909	0. 4171	1048		
302	25	0. 3897	0. 4238	1364		
Effluent	1000	0.	0.			

Date 8/6/18 Day Monday Time 6AM Temp 73°
 Precipitation 0 Weather HHH

LAB

Thickened Sludge 0 / 5 W.A.S 10 / 10

Ops Building

Heating Fuel 1815 Gallons Generator Hours 939 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
 Run Trailer Mounted Generators 10 Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 7767203 Parshall Flume 11308730
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 78°
 Heat no Grinder ✓ Hydraulic Level ✓

Gallons 182720 Max 271 Min 46 Avg 127

SBR Building

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

Lab Work

Sampler Initials JC Analyst Initials JC

Compositor Date and Time On 8/6/18 @ 6:20 Compositor Date and Time Off 6/7/18 @ 9:10AM

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	<u>7:10</u>	<u>7:15</u>	<u>67°</u>	<u>6.7</u>	<u>1.0</u>	<u>1.4</u>	<u>38</u>	<u>XXXX</u>	<u>210</u>
301	<u>7:50</u>	<u>7:55</u>	<u>74°</u>	<u>6.9</u>	<u>4.3</u>	<u>5.9</u>	<u>200</u>	<u>XXXX</u>	<u>240</u>
302	<u>6:05</u>	<u>6:10</u>	<u>74°</u>	<u>6.7</u>	<u>3.9</u>	<u>4.7</u>	<u>400</u>	<u>XXXX</u>	<u>260</u>
Effluent	<u>7:20</u>	<u>7:25</u>	<u>73°</u>	<u>7.1</u>	<u>6.8</u>	<u>7.2</u>	<u>0</u>	<u>.8</u>	<u>240</u>

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	<u>200</u>	<u>0.</u>	<u>0.</u>			
301	<u>25</u>	<u>0.3875</u>	<u>0.4134</u>	<u>1036</u>		
302	<u>25</u>	<u>0.3913</u>	<u>0.4321</u>	<u>1632</u>		
Effluent	<u>1000</u>	<u>0.</u>	<u>0.</u>			

Chart not changed all weekend

Date 8/5/18 Day Sunday Time 8AM Temp 80°
Precipitation 3.5 Weather Sunny

LAB

Thickened Sludge — / 5 W.A.S. 8.7 / 8.7

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 7752846 Parshall Flume 11125320

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.4 Temp 84°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 184260 Max 292 Min 24 Avg 127

SBR Building

UV Operation 94 % Pump Number 2 Clean Water Screens Red

Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High

Standby 3 W.A.S Blowers 4 Speed low

Waste Cycle 301 1 min Waster Cycle 302 2 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 08/04/18 Day Saturday Time 8:00 Temp 79°
Precipitation 0 Weather cloudy, aft rain, tender

LAB

Thickened Sludge _____ / _____ W.A.S. 6.8 / 6.2

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 4734442 Parshall Flume 10896130
Lead 3 Lag 2 2nd Lag 1 Wet Well Level _____ Temp 88°
Heat no Grinder OK Hydraulic Level OK

Gallons 159600 Max 242 Min 37 Avg 111

SBR Building

UV Operation 85 % Pump Number 2 Clean Water Screens cleaned
Air Valves OK Slide Gates OK SBR Blowers _____ Speed _____
Standby _____ W.A.S Blowers _____ Speed _____
Waste Cycle 301 5 min Waster Cycle 302 0 min

Lab Work

Sampler Initials T.F.J Analyst Initials T.F.J

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

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

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

Date 8/3/18 Day Friday Time 6 AM Temp 74°
Precipitation 0 Weather Humid

LAB

Thickened Sludge 0 / 0 W.A.S. 14 / 14

Ops Building

Heating Fuel 2720 Gallons Generator Hours 939 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 170 Boiler Pressure 10

Lower Pump Station

Pumped Flow 7715862 Parshall Flume 10731370
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 78°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 158300 Max 237 Min 36 Avg 110

SBR Building

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

Lab Work

Turned 5 mins @ 8:15
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	5:45	5:50	64°	6.7	1.7	1.9	26	XXXX	210
301	7:55	8:00	73°	6.8	1.8	2.1	400	XXXX	240
302	5:50	6 AM	74°	6.7	3.6	4.1	230	XXXX	240
Effluent	6:15	6:20	73°	7.1	7.1	7.3	0	1.4	260

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3906	0. 4214	1232		
302	25	0. 3941	0. 4255	1256		
Effluent	1000	0.	0.			

Date 8/2/18 Day Thursday Time 6am Temp 70
 Precipitation 0 Weather Humid

LAB

Thickened Sludge — / 4 W.A.S 8 / 8

Ops Building

Heating Fuel 2140 Gallons Generator Hours 979 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour 10
 Run Trailer Mounted Generators 10 Boiler Temp 168 Boiler Pressure 14

Lower Pump Station

Pumped Flow 7643718 Parshall Flume 10697100
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 77°
 Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 157540 Max 244 Min 38 Avg 109

SBR Building

UV Operation 94 % Pump Number 2 Clean Water Screens Ted
 Air Valves ✓ Slide Gates ✓ SBR Blowers 2 Speed High
 Standby 3 W.A.S Blowers 4 Speed low
 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	DOL	DOH	Settle	Turb	TDS
Influent	5:50	6:15	68°	6.7	.6	1.1	22	XXXX	240
301	8:05	8:10	73°	6.8	3.7	3.9	230	XXXX	230
302	6 AM	6:05	73°	6.7	3.8	4.2	320	XXXX	210
Effluent	6:55	6:10	74°	7.0	7.1	7.3	0	1.4	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3964	0. 4309	1460		
302	25	0. 3971	0. 4292	1284		
Effluent	1000	0.	0.			

Date 8/1/18 Day Wednesday Time 6AM Temp 69°
 Precipitation 0 Weather Humid

LAB

Thickened Sludge 3.4 W.A.S 5.7 / 5.7

Ops Building

Heating Fuel SHC Gallons Generator Hours 939 Block Heater ✓
 Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
 Run Trailer Mounted Generators no Boiler Temp 166 Boiler Pressure 10

Lower Pump Station

Pumped Flow 7687373 Parshall Flume 10414780
 Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 78°
 Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 158320 Max 237 Min 35 Avg 110

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:20	6:30	65°	6.9	1.4	1.7	26	XXXX	290
301	5:50	6:55	73°	6.7	3.9	4.3	270	XXXX	240
302	7:50	7:55	73°	6.8	0.8	1.9	300	XXXX	250
Effluent	6:25	6:35	71°	7.1	7.1	7.3	0	1.1	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3964	0.4276	1248		
302	25	0.3971	0.4370	1596		
Effluent	1000	0.	0.			