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Signing Process Confirmation - CDX Activity ID: _49781b97-5091-449d-8c46-63eb601ab3f4

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Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
CT0101745	DEEP RIVER WPCF	001	001-1	SAINTTAY SERVICE	06/31/21	06/15/21

Date 5/31/321 7:00 AM
 Time Monday Memorial Day
 Day
 Weather Rain
 Precipitation 0.5 Inches
 Temp 50 Degrees F

T'knd Sludge LVL W.A.S LVL Lab
 701 702 501 502
 9 0 7 7
 OPS

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

Pumped Flow Parshall Flume Lower PSTA LVL
 Total 178560 Max 278 Min
 Lead 3 Lag 1 2nd Lag
 Heat Off Off Grinder On Hyraulic LVL Good
 SBR

UV Operation 0.96 UV Pump 2 Clean Screens Yes Air Valves Good
 Slide Gates Good 303 SBR Blower 301 Blower Speed High
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 2 mins 302 Waste 2 mins

Sampler Initials Analyst Initials
 Compositor On 5/31/21 @ 7AM 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 5/30/21
 Time 7:00 AM
 Day Sunday
 Weather Rain
 Precipitation 1 Inches
 Temp 46 Degrees F

TKind Sludge LVL W.A.S LVL Lab
 701 702 501 502
 9 0 6 6
 OPS

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

Pumped Flow Parshall Flume Lower PSTA
 Total 188640 Max 294 Min
 Lead Lag 2nd Lag
 Heat Grinder Hydraulic LVL
 SBR

UV Operation 0.95 UV Pump 2 Clean Screens Yes
 Slide Gates Select SBR Blower Air Valves Good
 Standby W.A.S Blower Blower Speed
 301 Waste mins 302 Waste mins

Sampler Initials Analyst Initials
 Compositor On Compositor Off

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

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

Date 5/29/21
 Time 7:00 AM
 Day Saturday
 Weather Rain
 Precipitation 2.5 inches
 Temp 48 Degrees F

Tind Sludge LVL
 701 702
 10 0

W.A.S LVL
 501 502
 4 4
 OPS

Lab

Heating Fuel Gallons
 Bat. Cord. Select
 Port Gen Run Select

Gen Hrs
 Select

Boiler Temp
 Block Htr.
 Boiler Pres.

Oil/Coolant

Pumped Flow
 Total 158400 Max
 Lead Lag
 Heat Grinder

Parshall Flume
 263 Min
 2nd Lag
 Hydraulic LVL

26 Avg
 Temp

110

UV Operation 0.97 UV Pump
 Slide Gates Select
 Standby W.A.S Blower
 301 Waste mins

SBR
 2 Clean Screens Yes

Air Valves
 Blower Speed
 Blower Speed
 mins

Good

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	5/28/21
Time	6:30 AM
Day	Friday
Weather	Sunny
Precipitation	0 Inches
Temp	50 Degrees F

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	58	6.9	3.4	3.6	10	XXX	230
301	9:30	9:35	66	7.4	1.9	2.5	280	XXX	220
302	7:40	7:45	66	7	1.6	1.8	310	XXX	180
Effluent	7:05	7:15	66	7.5	4.5	5.2	0	0.7	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5002	5245	972
302	25	5013	5267	1016
Effluent	1000			

Kind Sludge LVL	W.A.S LVL	Lab
701	501	502
6	1	10
	10	OPS
Heating Fuel	2209 Gallons	Gen Hrs
Bat. Cond.	Good	No
Port Gen Run	No	Boiler Temp
		1089 Block Htr.
		Good
		170 Boiler Pres.
		Oil/Coolant
		Good
		10
Pumped Flow	27922445	Parshall Plume
Total	155520 Max	241 Min
Lead	3 Lag	1 2nd Lag
Heat	Off	Grinder
		On
		SBR
UV Operation	0.95 UV Pump	2 Clean Screens
Slide Gates	Good	SBR Blower
Standby	303	W.A.S Blower
301 Waste	0 mins	302 Waste
		304
		Blower Speed
		2 mins
		Air Valves
		Good
		Low
		High
Sampler Initials	JE	Analyst Initials
Compositor On		Compositor Off

Lower PSTA
70646532 LVL

29 Avg
2 Temp
108
70

2.9

Date	5/27/21
Time	6:30 AM
Day	Thursday
Weather	Sunny
Precipitation	0.5 inches
Temp	66 Degrees F

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	58	7.5	3.2	3.3	12	XXX	260
301	9:45	9:50	66	6.9	2.1	2.5	280	XXX	200
302	7:40	7:45	66	6.7	2.3	2.6	280	XXX	210
Effluent	7:05	7:15	66	7	4.1	4.4	0	1.1	180

Sample	M.L.	Tare Wt.	Gross Wt.	Sus. Sol M/G/L
Influent	200			
301	25	5014	5233	876
302	25	5009	5240	924
Effluent	1000			

TKind Sludge LVL	W.A.S LVL	Lab
701	501	502
8	3	9
		OPS
Heating Fuel	2190 Gallons	Gen Hrs
Bat. Cond.	Good	No
Port Gen Run	No	Boiler Temp
		1089 Block Htr.
		Good
		170 Boiler Pres.
		Oil/Coolant
		Good
		10
Pumped Flow	27906077	Parshall Flume
Total	154080 Max	239 Min
Lead	3 Lag	1 2nd Lag
Heat	Off	Grinder
		On
		SBR
UV Operation	0.97 UV Pump	2 Clean Screens
Slide Gates	Good	Yes
Standby	303	SBR Blower
		W.A.S Blower
301 Waste	2 mins	302 Waste
		304
		Blower Speed
		2 mins
		Air Valves
		Good
		Low
		High
Sampler Initials	JE	Analyst Initials
Compositor On		Compositor Off

2.7

107

70

Date 5/26/21
 Time 6:30 AM
 Day Wednesday
 Weather Sunny
 Precipitation 0 inches
 Temp 62 Degrees F

Lab

TKnd Sludge LVL

701 702 W.A.S LVL
 5 6 501 502

Ops

Heating Fuel 2340 Gallons Gen Hrs
 Bat Cond. Good Test Run No

Boiler Temp 1089 block Htr.

178 Boiler Pres.

Oil/codant 10 Good

Pumped Flow

27890392 Parshall Flume

Lower PSTA 70334862 LVL

2.6

107

Total

154080 Max

264 Min

7 Avg

70

Lead

3 Lag

1 2nd Lag

2 Temp

Heat

Off

Grinder

On

SBR

Good

UV Operation

0.96 UV Pump

2 Clean Screens Yes

Air Valves

Good

Slide Gates

Good

SBR Blower

301

Blower Speed

Low

Standby

303

W.A.S Blower

304

Blower Speed

High

301 Waste

2 mins

302 Waste

2 mins

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	60	7.3	4.5	4.6	8	XXX	210
301	9:40	9:45	66	6.7	3.1	3.4	280	XXX	200
302	7:30	7:35	66	6.9	2.6	3	320	XXX	150
Effluent	7:05	7:15	66	6.8	6.7	7.3	0	1.1	165

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5015	5249	936
302	25	5022	5274	1008
Effluent	1000			

Date 5/25/21
Time 7:00 AM
Day Tuesday
Weather Sunny
Precipitation 0 Inches
Temp 48 Degrease F

TKnd Sludge LVL Lab
701 702 W.A.S LVL 502
3 10 7 7
Heating Fuel 2890 Gallons Gen Hrs OPS
Bat. Cond. Good Test Run No Boiler Temp 1089 Block Htr. Good
Port Gen Run No 170 Boiler Pres. Oil/Coolant Good
Pumped Flow 27872454 Parshall Flume
Total 159840 Max 270 Min 70181587 LVL 11 Avg 2.9 111
Lead 3 Lag 1 2nd Lag Hydraulic LVL Good 2 Temp 70
Heat Off Grinder On SBR
UV Operation 0.96 UV Pump 2 Clean Screens Yes Air Valves Good
Slide Gates Good 303 SBR Blower 301 Blower Speed Low
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste 2 mins 302 Waste 2 mins
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 5/25/21 @ 7:05

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	58	6.9	3.2	3.6	8	XXX	250
301	9:50	9:55	66	6.6	2.3	2.5	320	XXX	200
302	7:40	7:45	66	6.8	2.1	2.6	340	XXX	210
Effluent	7:05	7:15	66	7.3	6.7	7	0	1.2	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5012	5277	1060
302	25	5017	5289	1088
Effluent	1000			

Date 5/24/21
 Time 7:00 AM
 Day Monday
 Weather Sunny
 Precipitation 0 Inches
 Temp 68 Degrees F

TKind Sludge LVL
 701 702
 2 11 10
 W.A.S LVL
 501 502
 10 10
 Lab
 OPS

Heating Fuel 2940 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run Select

Pumped Flow 27851142 Parshall Flume
 Total 169920 Max
 Lead 3 Lag
 Heat Off Grinder Off
 SBR
 UV Operation 0.97 UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 4 mins 302 Waste
 Lab
 Sampler Initials JE Analyst Initials JE
 Compositor On 5/24/21 @ 7:20 AM Compositor Off

Lower PSTA
 70021945 LVL
 285 Min
 1 2nd Lag
 Hydraulic LVL Good
 SBR
 2 Clean Screens Yes
 301 Blower Speed
 304 Blower Speed
 4 mins
 Air Valves
 Good
 Low
 High

3.1
 118
 70
 1089 Block Htr. Good
 180 Boiler Pres. Good
 Oil/Coolant Good

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:00	7:05	58	7.2	2.6	2.9	10	XXX	190
301	10	10:10	66	7	1.3	1.7	340	XXX	200
302	11:50	11:55	66	7.3	2	2.5	300	XXX	210
Effluent	7:30	7:35	66	7.5	6.7	7.2	0	1.4	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5017	5276	1036
302	25	5002	5254	1008
Effluent	1000			

Date 5/21/21
 Time 7:00 AM
 Day Friday
 Weather Sunny
 Precipitation 0 Inches
 Temp 56 Degrees F

Lab

Tknd Sludge LVL
 701 702 501 502
 5 10 6 6
 Ops
 Heating Fuel 2880 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No
 Lower PSTA
 Parshall Flume
 293 Min
 69527101 LVL
 34 Avg
 2.8
 113
 74
 1089 Block Htr. Good
 176 Boiler Pres. Good
 Oil/Coolant Good

Pumped Flow 27800792
 Total 162720 Max
 Lead 3 Lag
 Heat Off Grinder On
 UV Operation 0.97 UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 2 mins
 302 Waste
 2 mins
 2 Clean Screens Yes
 301 Air Valves Good
 304 Blower Speed Low
 2 mins High
 Sampler Initials JE
 Compositor On
 Analyst Initials JE
 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	6.9	3.9	4.7	14	XXX	240
301	9:45	9:50	64	7.4	1.3	1.5	280	XXX	200
302	7:40	7:50	64	7.2	1.8	2.2	280	XXX	210
Effluent	7:05	7:15	66	7.6	4.5	6.2	0	1.8	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol IMG/L
Influent	200			
301	25	5017	5264	988
302	25	5002	5257	1020
Effluent	1000			

Date 5/20/21
Time 6:30 AM
Day Thursday
Weather Sunny
Precipitation 0 inches
Temp 54 Degrees F

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TD5
Influent	7:00	7:10	56	6.7	3.1	3.3	12	XXX	230
301	9:50	9:55	64	7.6	2.6	2.9	280	XXX	210
302	7:30	7:35	64	6.6	1.9	2.1	280	XXX	190
Effluent	7:05	7:15	64	7.2	5.9	6.4	0	1.6	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	501.7	527.1	1016
302	25	500.4	526.3	1036
Effluent	1000			

TKnd Sludge LVL
701 702 501 502
9 4 11 11
OPS

Heating Fuel 2160 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No

Pumped Flow 27778112 Parshall Flume
Total 159840 Max 256 Min 69361063 LVL
Lead 3 Lag 1 2nd Lag 35 Avg 2.7
Heat Off Grinder On Hydraulic LVL Good 72

UV Operation 0.96 UV Pump SBR
Slide Gates Good 303 SBR Blower 2 Clean Screens Yes 301 Air Valves Good
Standby 304 W.A.S Blower 302 Waste 304 Blower Speed High
301 Waste 4 mins 4 mins

Lab
Sampler Initials Analyst Initials
Compositor On Compositor Off

Date 5/19/21
 Time 6:30 AM
 Day Wednesday
 Weather Sunny
 Precipitation 0 Inches
 Temp 56 Degrease F

Lab
 Tknd Sludge LVL
 701 702 501 502
 12 3 6 6
 Heating Fuel 2180 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No
 Parshall Flume
 Pumped Flow 27758838
 Total 162720 Max
 Lead 3 Lag
 Heat Off Grinder On
 SBR
 UV Operation 0.96 UV Pump
 Slide Gates Good
 Standby 303 W.A.S Blower
 301 Waste 5 mins
 Lab
 Sampler Initials JE
 Compositor On
 Analyst Initials JE
 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	6.4	2.8	3.4	14	XXX	260
301	9:35	9:40	64	6.9	2.1	2.5	280	XXX	230
302	7:40	7:50	64	7.6	1.6	2	300	XXX	210
Effluent	7:05	7:15	64	7.6	5.2	5.4	0	1.1	160

Sample	M/L	Tare Wt.	Gross Wt.	Sus Sol MG/L
Influent	200			
301	25	5001	5267	1064
302	25	5017	5291	1096
Effluent	1000			

Lower PSTA
 69199858 LVL
 263 Min
 1 2nd Lag
 Hydraulic LVL Good
 39 Avg
 2 Temp
 2.4
 113
 73

2 Clean Screens Yes
 301
 304
 Air Valves
 Blower Speed
 Blower Speed
 5 mins
 Good
 High
 High

Date 5/18/21
 Time 7:00 AM
 Day Tuesday
 Weather Sunny
 Precipitation 0 inches
 Temp 56 Degrees F

Tknd Sludge LVL
 701 702 501 502
 9 7 11 11
 Ops

Heating Fuel 2870 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No Boiler Temp 1089 Block Htr. Good Oil/Coolant Good
 172 Boiler Pres. 12

Pumped Flow 27741324 Parshall Flume
 Total 167040 Max 253 Min 37 Avg 3.2 116
 Lead 3 Lag 1 2nd Lag Hyraulic LVL Good 70
 Heat Off Grinder On SBR
 UV Operation 0.97 UV Pump 2 Clean Screens Yes Air Valves Good
 Slide Gates Good SBR Blower 301 Blower Speed High
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 4 mins 302 Waste 4 mins
 Lab
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 5/18/21 @ 7:10 AM

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	56	7.6	3.7	4.2	10	XXX	240
301	9:50	9:55	64	7.4	2.6	2.9	300	XXX	210
302	7:40	7:45	64	6.9	2	2.6	310	XXX	250
Effluent	7:05	7:15	64	6.8	6.7	7.2	0	0.7	160

Sample	M.L.	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5277	1052
302	25	5003	5279	1104
Effluent	1000			

Date 5/17/21
Time 7:00 AM
Day Monday
Weather Sunny
Precipitation 0.25 Inches
Temp 56 Degrees F

Lab
Tknd Sludge LVL W.A.S LVL
701 702 501 502
6 8 14 14
OPS
Heating Fuel 2990 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No 1089 Block Htr. Good
Boiler Temp 180 Boiler Pres. Good
Oil/Coolant 10

Lower PSTA
Pumped Flow 27718394 Parshall Flume
Total 177120 Max 256 Min 68873943 LVL
Lead 3 Lag 1 2nd Lag 41 Avg 2.7
Heat Off Grinder On Hydraulic LVL Good 2 Temp 70
SBR
UV Operation 0.97 UV Pump 2 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 302 Waste 2 mins
Lab
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 5/17/21 @ 7:10AM

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	56	6.9	3.1	3.7	12	XXX	210
301	9:45	9:50	62	7.2	3.4	3.8	340	XXX	230
302	7:40	7:45	62	7.1	2.6	2.9	360	XXX	260
Effluent	7:05	7:15	60	7	4.5	4.8	0	1.1	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5002	5297	1180
302	25	5012	5311	1196
Effluent	1000			

Date 5/16/21
 Time 6:30 AM
 Day Sunday
 Weather Sunny
 Precipitation 0 Inches
 Temp 48 Degrees F

T'knd Sludge LVL
 701 702 W.A.S LVL
 6 8 12
 12

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

Pumped Flow Parshall Flume
 Total 174240 Max
 Lead 3 Lag
 Heat Off Grinder On

UV Operation 0.96 UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 2 mins

Sampler Initials JE
 Compositor On

Lab
 502
 OPS

Lower PSTA LVL
 124 Min
 1 2nd Lag
 Hydraulic LVL Good
 SBR
 2 Clean Screens Yes
 301
 304
 302 Waste
 Lab
 302 Waste
 Analyst Initials JE
 Compositor Off

46 Avg
 2 Temp
 121
 68

Block Htr.
 Boiler Temp
 Boiler Pres.
 Oil/Coolant

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.	Sds. Sol MG/L
Influent	200			
301	25			0
302	25			0
Effluent	1000			

Date 5/10/21
 Time 7:00 AM
 Day Monday
 Weather Rain
 Precipitation 0.75 Inches
 Temp 48 Degrees F

Tknd Sludge LVL
 701 702 501 502
 7 11 11 11
 W.A.S LVL
 Lab

Heating Fuel 3170 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No Boiler Temp 1089 Block Htr. Good
 Oil/Coolant Good

Pumped Flow Parshall Flume Lower PSTA
 Total 171360 Max 289 Min LVL
 Lead 3 Lag 1 2nd Lag 14 Avg 119
 Heat On Grinder On SBR Hydraulic LVL Good 72

UV Operation 0.95 UV Pump 1 Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 4 mins 302 Waste 5 mins

Sampler Initials JE
 Compositor On 5/10/21 @ 7:00AM
 Analyst Initials JE
 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

5/9/21
AM
Sunday

Inches
Degrees F

Tkn'd Sludge LVL
701
0

702
501
502

W.A.S LVL
502
OPS

Lab

Heating Fuel
Bat. Cond.
Port Gen Run

Select
Select
Select

Gallons
Test Run

Gen His
Select

Boiler Temp
Black Htr.
Boiler Pres.

Oil/Coolant

Pumped Flow
Total
Lead
Heat

177120 Max
Lag
Grinder

Parshall Flume
411 Min
2nd Lag
Hydraulic LVL
SBR

Lower PSTA LVL
16 Avg
Temp

123

UV Operation
Slide Gates
Standby
301 Waste

0.97 UV Pump
Select
4 mins

SBR Blower
W.A.S Blower

1 Clean Screens
Yes
302 Waste
Lab

Air Valves
Blower Speed
4 mins

Good

Sampler Initials
Compositor On

Analyst Initials
Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	52	6.8	2.6	2.8	12	XXX	230
301	10:10	10:15	58	6.6	2.1	2.9	240	XXX	160
302	8:05	8:10	56	7.2	1.7	2.6	360	XXX	200
Effluent	7:05	7:15	56	7.5	4.7	6.1	0	0.5	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol IMG/L
Influent	200			
301	25	5018	5279	1044
302	25	5006	5293	1148
Effluent	1000			

Date 5/8/21 AM
 Time
 Day Saturday
 Weather
 Precipitation
 Temp Inches
 Degrees F

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

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

Pumped Flow Parshall Flume
 Total 171360 Max 317 Min
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On Hyraulic LVL Good
 SBR

UV Operation 0.95 UV Pump
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 4 mins 302 Waste
 Lab
 Analyst Initials JE
 Sampler Initials JE
 Compositor On Compositor Off

Block Htr.
 Boiler Temp
 Boiler Pres.
 Oil/Coolant
 119
 72
 9 Avg
 2 Temp

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 Mtg/L
Influent	200			
301	25			0
302	25			
Effluent	1000			

Date 5/7/21
Time 7:00 AM
Day Friday
Weather Rain
Precipitation 0.5 inches
Temp 38 Degrees F

Tknd Sludge LVL W.A.S LVL Lab
701 702 501 502
4 full 9 9 OPS
Heating Fuel 2190 Gallons Gen Hrs
Bat. Cond. Good Test Run No Boiler Temp 1089 Block Htr. Good
Port Gen Run No 178 Boiler Pres. 180 Oil/Coolant Good

Pumped Flow 27525407 Parshall Flume
Total 181440 Max 269 Min 67129602 LVL 41 Avg 2.8 126
Lead 3 Lag 1 2nd Lag Hydraulic LVL Good 2 Temp 74
Heat On Grinder On SBR
UV Operation 0.97 UV Pump 1 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 6 mins
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	54	7.4	2.7	2.9	10	XXX	260
301	10:10	10:15	58	6.9	2.4	2.7	360	XXX	210
302	8:05	8:10	58	7.2	1.1	1.5	410	XXX	250
Effluent	7:05	7:15	58	7	4.7	6.5	0	1.7	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5307	1172
302	25	5003	5316	1252
Effluent	1000			

Date 5/16/21
 Time 6:30 AM
 Day Sunday
 Weather Sunny
 Precipitation 0 Inches
 Temp 48 Degrees F

Tind Sludge LVL
 701 702 W.A.S LVL
 6 8 12
 501 502
 12
 OPS

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

Pumped Flow Parshall Flume
 Total 375840 Max 124 Min
 Lead 3 Lag 1 2nd Lag
 Heat Off Grinder On Hydratic LVL Good
 SBR

UV Operation 0.96 UV Pump 2 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 High

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Lower PSTA LVL
 46 Avg 261
 2 Temp 68

Block Htr. Boiler Pres. Oil/Coolant

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 5/15/21
 Time 7:00 AM
 Day Saturday
 Weather Sunny
 Precipitation 0.25 Inches
 Temp 70 Degrees F

TKnd Sludge LVL Lab
 701 702 W.A.S LVL 502
 6 9 11 11
 Heating Fuel Gallons Gen Hrs
 Bat. Cond. Select Test Run Select
 Port Gen Run Select Boiler Temp Block Htr. Boiler Pres. Oil/Coolant
 Pumped Flow 2768596 Parshall Fume Lower PSTA
 Total 174240 Max 237 Min 68528219 LVL 38 Avg 2.8 121
 Lead 3 Lag 1 2nd Lag Hyraulic LVL Good 2 Temp 70
 Heat Off Grinder On SBR
 UV Operation 0.97 UV Pump 2 Clean Screens Yes Air Valves Good
 Slide Gates Good 303 SBR Blower 301 Blower Speed High
 Standby 304 W.A.S Blower 304 Blower Speed High
 301 Waste 2 mins Lab 302 Waste 2 mins
 Sampler Initials Analyst Initials
 Compositor On Compositor Off

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

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

Date 5/14/21
Time 7:00 AM
Day Friday
Weather Sunny
Precipitation 0.25 Inches
Temp 48 Degrees F

Tknd Sludge LVL W.A.S LVL
701 702 501 502
6 12 8 8
Heating Fuel 2950 Gallons Gen Hrs
Bat. Cond. Good Test Run Yes
Port Gen Run No Boiler Temp 1089 Black Htr. Good Oil/Coolant Good
176 Boiler Pres. 10

Pumped Flow Parshall Flume Lower PSTA LVL
Total 172800 Max 274 Min 10 Ave 3.4
Lead 3 Lag 1 2nd Lag 2 Temp 70
Heat Off Grinder On SBR Hydraulic LVL Good
UV Operation 0.95 UV Pump 2 Clean Screens Yes
Slide Gates Good SBR Blower 301 Air Valves Good
Standby 303 W.A.S Blower 304 Blower Speed High
301 Waste mins 302 Waste Lab
Sampler Initials Analyst Initials
Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	7.6	3.1	3.4	12	XXX	280
301	9:30	9:40	60	7.1	1.7	2.3	360	XXX	210
302	7:40	7:45	60	7	2.7	2.9	320	XXX	190
Effluent	7:05	7:15	62	7.5	4.5	5.3	0	1.7	200

Sample	MIL	Tare Wt.	Gross Wt.	Sus. Sol M/G/L
Influent	200	5016	5297	1124
301	25	5005	5263	1032
Effluent	1000			

Date 5/13/21
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 0.25 Inches
 Temp 47 Degrees F

Lab

Tknd Sludge LVL

701 702 501
 10 12 8

502

8

OPS

Heating Fuel 3008 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Pumped Flow

171360 Max Parshall Flume

352 Min

1 2nd Lag

Hydraulic LVL

Good

SBR

Clean Screens

Yes

301

304

302 Waste

Lab

302 Waste

26 Avg

2 Temp

2.8

119

70

Good

High

High

2 mins

Air Valves

Blower Speed

Blower Speed

2 mins

Good

High

High

2 mins

Air Valves

Blower Speed

Blower Speed

2 mins

Good

High

High

2 mins

Air Valves

Blower Speed

Blower Speed

2 mins

Good

High

High

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:30	7:40	54	7.1	2.1	3.2	14	XXX	240
301	9:50	9:55	58	6.7	2.6	2.9	300	XXX	210
302	11:45	11:50	60	6.8	3.1	3.6	360	XXX	190
Effluent	7:35	7:45	60	6.9	2.7	5.8	0	1.8	200

Sample	ML	Tare Wt.	Gross Wt.	Surs. Sol MG/L
Influent	200	5011	5276	1060
301	25	5016	5295	1116
302	25	5016	5295	1116
Effluent	1000			

UV Operation 0.96 UV Pump 1+2
 Slide Gates Good SBR Blower
 Standby 303 W.A.S. Blower
 301 Waste 4 mins

Sampler Initials JE
 Compositor On

Analyst Initials JE
 Compositor Off

Date 5/12/21
 Time 7:00 AM
 Day Wednesday
 Weather Sunny
 Precipitation 0.25 Inches
 Temp 70 Degrees F

TKnd Sludge LVL W.A.S LVL Lab
 701 702 501 502
 8 10 6 6 OPS
 Heating Fuel 3450 Gallons Gen Hrs
 Bat Cond. Good Test Run No Boiler Temp 1089 Block Htr. Good Oil/Coolant Good
 Port Gen Run No
 Pumped Flow Parshall Flume Lower PSTA
 Total 192960 Max 336 Min 26 Avg 2.8
 Lead 3 Lag 1 2nd Lag Hyraulic LVL 134
 Heat Grinder SBR
 UV Operation 0.96 UV Pump 2 Clean Screens Yes Air Valves Good
 Slide Gates Good SBR Blower 301 Blower Speed High
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 2 mins 302 Waste 2 mins
 Sampler Initials JE Lab Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	52	7.7	5.6	5.9	8	XXX	270
301	9:40	9:45	60	7.2	4.2	4.4	280	XXX	210
302	7:45	7:50	58	7.8	3.1	3.7	300	XXX	230
Effluent	7:15	7:25	60	6.8	5.7	6.8	0	0.8	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol (MG/L)
Influent	200			
301	25	5015	5262	988
302	25	5003	5291	1152
Effluent	1000			

Date 5/11/21
Time 7:00 AM
Day Tuesday
Weather Sunny
Precipitation 0.25 Inches
Temp 58 Degrees F

TKnd Sludge LVL Lab
701 702 W.A.S LVL 502
10 8 10 10
OPS
Heating Fuel 3180 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No Boiler Temp 1089 Block Htr. Good Oil/Coolant Good
178 Boiler Pres. 10

Pumped Flow Parshall Flume Lower PSTA LVL
Total 203040 Max 255 Min 14 Avg 141
Lead 3 Lag 1 2nd Lag 2 Temp 70
Heat Off Grinder On SBR Hydraulic LVL Good
UV Operation 0.95 UV Pump 1+2 SBR Clean Screens Yes
Slide Gates Good 303 SBR Blower 301 Air Valves Good
Standby 304 W.A.S Blower 304 Blower Speed High
301 Waste 4 mins 302 Waste 4 mins Blower Speed High
Lab
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off 5/11/21 @ 7:05 AM

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	52	6.8	4.1	4.7	12	XXX	180
301	9:50	9:55	60	7.8	2.7	2.9	360	XXX	200
302	7:40	7:45	60	7.2	3.6	4.1	340	XXX	250
Effluent	7:05	7:15	60	7	4.9	6.3	0	1.4	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5014	5287	1092
302	25	5008	5262	1016
Effluent	1000			

Date 5/6/21
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 1.25 Inches
 Temp 46 Degrees F

TKnd Sludge LVL W.A.S LVL Lab
 701 702 501 502
 0 full 6
 OPS
 Heating Fuel 3470 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No
 1089 Block Htr. Good
 Boiler Temp 170 Boiler Pres. Good
 Oil/Coolant 12

Pumped Flow 27508344 Parshall Flume
 Total 175680 Max 428 Min 66949974 LVL
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On
 SBR
 UV Operation 0.97 UV Pump 1+2
 Slide Gates Good SBR Blower
 Standby 303 W.A.S Blower
 301 Waste 2 mins 302 Waste 304
 Lab
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:05	7:15	54	6.9	3.4	3.7	10	XXX	250
301	10:00	10:05	56	6.8	2.8	3	300	XXX	210
302	8:00	8:10	56	7.1	2.1	2.6	320	XXX	170
Effluent	7:10	7:20	56	6.9	5.4	5.8	0	1.3	160

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol M/G/L
Influent	200			
301	25	5014	5279	1060
302	25	5010	5291	1124
Effluent	1000			

Date 5/5/21
Time 6:30 AM
Day Wednesday
Weather Rain
Precipitation 1.25 inches
Temp 54 Degrees F

Lab
Tkd Sludge LVL
701 702 501 502
1 10 12 12
Heating Fuel 3310 Gallons Gen Hrs
Bat Cond. Good Test Run No
Port Gen Run No
Pumped Flow 27482431 Parshall Flume
Total 190080 Max 295 Min 66772215 LVL
Lead 3 Lag 1 2nd Lag 36 Avg 3.2 132
Heat On Grinder On On Hyraulic LVL Good 70
UV Operation 0.96 UV Pump 1+2 SBR
Slide Gates Good SBR Blower Clean Screens Yes Air Valves Good
Standby 303 W.A.S Blower 301 Blower Speed High
301 Waste 6 mins 302 Waste 304 Blower Speed High
4 mins

Lab
Lower PSTA
66772215 LVL
36 Avg 3.2 132
2 Temp 70
SBR
Clean Screens Yes
Air Valves Good
Blower Speed High
Blower Speed High
4 mins
Sample Initials JE
Compositor On
Analyst Initials JE
Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:15	7:25	55	7.2	4.2	4.5	16	XXX	240
301	10:10	10:15	58	6.7	1.7	2.2	340	XXX	210
302	8:00	8:05	58	7.1	2.2	2.6	320	XXX	180
Effluent	7:20	7:30	58	7	3.4	3.7	0	1.1	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5010	5308	1192
302	25	5016	5288	1088
Effluent	1000			

Date 5/4/21
 Time 7:00 AM
 Day Tuesday
 Weather Rain
 Precipitation 0.25 Inches
 Temp 47 Degrees F

Lab
 Tind Sludge LVL W.A.S LVL
 701 702 S01 S02
 0 8 6 6
 OPS

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

Lower PSTA
 Pumped Flow 27462975 Parshall Flume
 Total 162720 Max 298 Min 66586602 LVL
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On SBR Hydraulic LVL Good
 UV Operation 0.96 UV Pump 1+2 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 High

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

5/4/21 @ 7:20AM

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.8	2.7	2.9	16	XXX	250
301	10:05	10:10	56	7.2	1.6	1.9	320	XXX	210
302	8:00	8:05	56	6.9	2.1	2.7	300	XXX	240
Effluent	7:05	7:15	56	7	6.1	6.4	0	0.6	170

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	5012	5327	1260
302	25	5003	5264	1044
Effluent	1000			

Date 5/3/21
 Time 7:00 AM
 Day Monday
 Weather Sunny
 Precipitation 0.25 Inches
 Temp 45 Degrees F

Lab
 Tkd Sludge LVL
 701 702 501 502
 0 7 6 6
 Ops

Heating Fuel 3190 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No

Lower PSTA
 Pumped Flow 27443705 Parshall Flume
 Total 180000 Max 258 Min 66418612 LVL
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On Hydraulic LVL Good
 SBR

UV Operation 0.95 UV Pump 1+2 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 High

Sampler Initials JE Analyst Initials JE
 Compositor On 5/3/21 @ 7:10AM Compositor Off

Oil/Coolant Good
 1089 Block Htr. 178 Boiler Pres. 12

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	6.8	2.1	3.2	10	XXX	230
301	10:00	10:10	55	7.8	1.8	1.9	310	XXX	210
302	8:05	8:10	55	7.3	1.7	2.2	280	XXX	240
Effluent	7:15	7:25	55	7.4	5.6	6.6	0	1.1	140

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol (MG/L)
Influent	200			
301	25	5011	5287	1104
302	25	5006	5271	1060
Effluent	1000			

Date
Time
Day
Weather
Precipitation
Temp

5/2/21
AM
Sunday

Inches
Degrees F

Trend Sludge LVL
701
0

W.A.S LVL
501
502

Lab
502

Heating Fuel
Bat Cond.
Port Gen Run

Gallons
Test Run

Gen Hrs
Select

OPS

Block Htr.
Boiler Temp

Boiler Pres.
Oil/Coolant

Pumped Flow
Total
Lead
Heat

164160 Max
Lag
Grinder

Parshall Flume
258 Min
2nd Lag
Hydraulic LVL

Lower PSTA
LVL
30 Avg
Temp

114

UV Operation
Slide Gates
Standby
301 Waste

0.96 UV Pump
SPR Blower
W.A.S Blower
mins

1+2
Clean Screens
Yes

SBR
302 Waste
Lab

Air Valves
Blower Speed
Blower Speed
mins

Good

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

[illegible]

Tkd Sludge LVL		W.A.S LVL		Lab	
701	702	501	502		
0			OP5		
Heating Fuel	Gallons	Gen Hrs	Boiler Temp	Block Htr.	Oil/Coolant
Lat. Cond.	Select	Test Run	Select	Boiler Pres.	

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

Heating Fuel		Gallons	Gen Hrs	Block Htr.	Oil/Coolant	
Bat. Cond.	Select	Test Run	Select	Boiler Temp	Boiler Pres.	
Port Gen Run	Select			Lower PSTA		
Pumped Flow		Parshall Flume		LVL		
Total	164160	Max	273 Min		22 Avg	
Lead	3 Lag		1 2nd Lag		2 Temp	
Heat	Grinder		Hydraulic LVL			
			SBR			
UV Operation	0.97	UV Pump	1+2	Clean Screens	Yes	Good
Slide Gates	Good		SBR Blower	301	Blower Speed	High
Standby	303	W.A.S Blower		304	Blower Speed	High
301 Waste		mins		302 Waste	mins	
Sampler Initials	JE		Analyst Initials	JE		
Compositor On				Compositor Off		

Abstract

[illegible]

1005 BOSTON POST ROAD
MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
Connecticut Certification PH-0535
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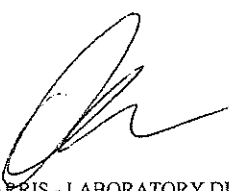
Report of Analysis

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

Sample ID#: 139655
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 5/11/2021
Receipt Date: 5/11/2021
Report Date: 5/14/2021
Sample Site: Listed Below

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity(1 - Influent)	74.5	mg/L	SM2320-B	20	5/13/2021	JM
Alkalinity(2 - Effluent)	56.7	mg/L	SM2320-B	20	5/13/2021	JM


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-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				Project: Monthly + Weekly Influent/Effluent Testing				Required Analysis						
Contact: Mr. Peter Lewis														
Address: 99 Winter Ave, Deep River, CT 06417														
Phone: 860-526-6044				Fax:										
PWSID#:				Samplers Name: (Print) John Ely										
System Type:														
Client I.D.	Sampling Location	Date	Time	Sample Type			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)	5/11/21	7:15	X		X	2	X	X			1 - 16oz		
	Effluent (Monthly)	5/11/21	7:30	X		X	2	X	X			1 - 32oz 1 - 4oz (H2S04)		
	Influent (Monthly)	5/11/21	7:10	X			1			X		1 - 8oz		139055-1
	Effluent (Monthly)	5/11/21	7:35	X			1			X		1 - 8oz		-2
	Influent (Weekly)	5/11/21	7:15	X		X	1				X	1 - 8oz		
	Effluent (Weekly)	5/11/21	7:30	X		X	1				X	1 - 16oz		
	Effluent (Weekly)	5/11/21	7:35	X			1					1 - Bact.		

Relinquished by:	Date	Time	Received by:	Date	Time	Were Samples received within holding time? Y N
	5/11/21			5/11/21		Were Samples chilled upon receipt? Y N
Relinquished by:	Date	Time	Received by:	Date	Time	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
Phone 203-245-0568
FAX 203-318-0830
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 ID#: 139653
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 5/11/2021
Receipt Date: 5/11/2021
Report Date: 5/18/2021
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	36.4	mg/L	ASTM D6919-03	0.05	5/18/2021	KC
Nitrate as N	0.40	mg/L	EPA300.0	0.1	5/12/2021	JB
Nitrite as N	0.38	mg/L	EPA300.0	0.01	5/12/2021	JB
Orthophosphate as P	1.65	mg/L	EPA300.0	0.04	5/12/2021	JB
Phosphorous -Total as P	2.73	mg/L	EPA 200.7	0.04	5/17/2021	JB
TKN as N	38.8	mg/L	4500NorgC	0.5	5/17/2021	KC
Total Nitrogen as N	39.6	mg/L	CALC	1	5/18/2021	KC

A handwritten signature in black ink, appearing to read "DB", is positioned above the name David Barris.

DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

1005 BOSTON POST ROAD
MADISON, CT 06443
Phone 203-245-0568
FAX 203-318-0830
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: 5/11/2021
Receipt Date: 5/11/2021
Report Date: 5/18/2021
Sample Site: Effluent

Sample ID#: 139654
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	<0.05	mg/L	ASTM D6919-03	0.05	5/18/2021	KC
Nitrate as N	0.25	mg/L	EPA300.0	0.1	5/12/2021	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	5/12/2021	JB
Orthophosphate as P	0.04	mg/L	EPA300.0	0.04	5/12/2021	JB
Phosphorous -Total as P	0.06	mg/L	EPA 200.7	0.04	5/17/2021	JB
TKN as N	<0.50	mg/L	4500NorgC	0.5	5/17/2021	KC
Total Nitrogen as N	<1.00	mg/L	CALC	1	5/18/2021	KC

DAVID BARRIS - LABORATORY DIRECTOR

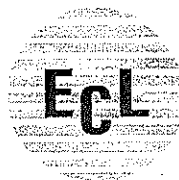
JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

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

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#: 139982
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/25/2021
Receipt Date: 5/25/2021
Report Date: 6/2/2021
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	202	mg/L	SM5210B	2	5/26/2021	KC
Total Suspended Solids	84.0	mg/L	SM2540D	1	5/28/2021	JB

DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-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#: 139983
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/25/2021
Receipt Date: 5/25/2021
Report Date: 6/2/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	5/26/2021	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	5/28/2021	JB

DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-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#: 139984
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 5/25/2021
Receipt Date: 5/25/2021
Report Date: 5/27/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	5/25/2021	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	5/25/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

CONSULTING LABORATORIES, INC.

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

Phone: 860-526-6044

Influent/Effluent Testing

Samplers Name: (Print)

11/10/20

Are containers broken/leaking? Y (N)

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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#: 139817
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/18/2021
Receipt Date: 5/18/2021
Report Date: 5/26/2021
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	223	mg/L	SM5210B	2	5/19/2021	KC
Total Suspended Solids	170	mg/L	SM2540D	1	5/21/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-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#: 139818
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/18/2021
Receipt Date: 5/18/2021
Report Date: 5/26/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	7.42	mg/L	SM5210B	2	5/19/2021	KC
Total Suspended Solids	4.00	mg/L	SM2540D	1	5/21/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

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Samplers Name: (Print)

Influent/Effluent Testing

Samplers Name: (Print)

John Elly

Relinquished by:		Date 5/18/71	Time	Received by: 	5/22/71 927	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:		Are containers broken/leaking? Y ☒ N Did Samples need to be split upon receipt? Y ☒ N Were Samples presented properly? Y ☒ N off to be frozen immediately

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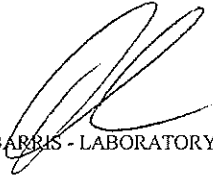
Report of Analysis

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

Sample ID#: 139819
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 5/18/2021
Receipt Date: 5/18/2021
Report Date: 5/20/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	5/18/2021	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	5/18/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

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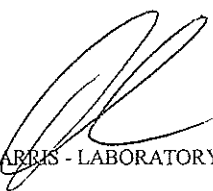


ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 139819
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client
Sample Date: 5/18/2021
Receipt Date: 5/18/2021
Report Date: 5/20/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	5/18/2021	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	5/18/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

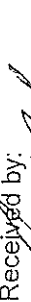
ND = Not Detected

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

Phone: 860-526-6044

Influent/Effluent Testing

Wong

Relinquished by:	Date 5/18/21	Time	Received by: 	5/18/21 9:27	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:			Received by:		Are containers broken/leaking? Y N Did Samples need to be split upon receipt? Y N Were Samples presented properly? Y N Was the sample analyzed?

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CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 139656
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 5/11/2021
Receipt Date: 5/11/2021
Report Date: 5/18/2021
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	152	mg/L	SM5210B	2	5/12/2021	KC
Total Suspended Solids	61.0	mg/L	SM2540D	1	5/14/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 5/11/2021
Receipt Date: 5/11/2021
Report Date: 5/18/2021
Sample Site: Effluent

Sample ID#: 139657
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	5/12/2021	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	5/14/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

ENVIRONMENTAL

CONSULTING LABORATORIES, INC.

1005 Boston Post Road
Madison, CT 06443

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

Client: Town of Deep River-WPCF

Contact: Mr. Peter Lewis

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-6044

Fax:

Project:

Monthly + Weekly

Influent/Effluent Testing

PWSID#:

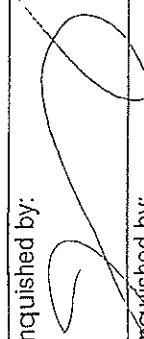
Samplers Name: (Print)

John Ely

System Type:

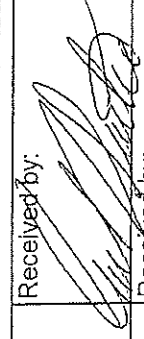
Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers	Required Analysis					Cl ₂ Res.	ECL Sample I.D.#
				Water	Solid	Comp		Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct			
	Influent (Monthly)	5/11/21	7:15	X		X	2	X			1 - 16oz			
	Effluent (Monthly)	5/11/21	7:30	X		X	2	X			1 - 4oz (H2S04)			
											1 - 32oz			
											1 - 4oz (H2S04)			
	Influent (Monthly)	5/11/21	7:10	X			1		X		1 - 8oz			
	Effluent (Monthly)	5/11/21	7:35	X		X	1		X		1 - 8oz			
	Influent (Weekly)	5/11/21	7:15	X		X	1			X	1 - 8oz			1391056
	Effluent (Weekly)	5/11/21	7:30	X		X	1			X	1 - 16oz			1391057
	Effluent (Weekly)	5/11/21	7:35	X		X	1				1 - Bact.			

Relinquished by:



Date

Received by:

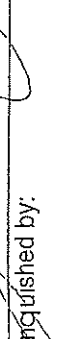


5/11/21

9:32

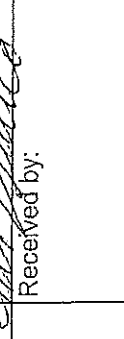
Were Samples received within holding time? Y () N ()
Were Samples chilled upon receipt? Y () N ()
Were Samples in appropriate containers? Y () N ()
If No Explain

Relinquished by:



Date

Received by:



5/11/21

9:32

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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Report of Analysis

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

Sample ID#: 139491
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/4/2021
Receipt Date: 5/4/2021
Report Date: 5/11/2021
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	96.5	mg/L	SM5210B	2	5/5/2021	KC
Total Suspended Solids	83.0	mg/L	SM2540D	1	5/7/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-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#: 139492
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 5/4/2021
Receipt Date: 5/4/2021
Report Date: 5/11/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	5/5/2021	KC
Total Suspended Solids	3.00	mg/L	SM2540D	1	5/7/2021	JB


DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

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

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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#: 139493
Sample Type: Wastewater
Sample Source: Weekly Bacteria Testing
Sampler: Client

Sample Date: 5/4/2021
Receipt Date: 5/4/2021
Report Date: 5/6/2021
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Biological						
Enterococcus Bacteria	<10	MPN/100mL	Enterolert	10	5/4/2021	JB
Fecal Coliform Bacteria	<2	col/100ml	SM9222D	2	5/4/2021	JB

A handwritten signature in black ink, appearing to be "DB" or similar, written over a horizontal line.

DAVID BARRIS - LABORATORY DIRECTOR

JORDAN BARRIS - CO-DIRECTOR

ND = Not Detected

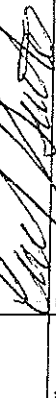
1005 Boston Post Road
Madison, CT 06443
(203) 245-0568 Phone
(203) 318-0830 Fax

Phone: 860-526-6044

Influent/Effluent Testing

Samplers Name: (Print)

John Elly

Relinquished by: 	Date	Time	Received by: 		Were Samples received within holding time? Y ☒ N
					Were Samples chilled upon receipt? Y ☒ N
Relinquished by: 	Date	Time	Received by:		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