

Town of Deep River WPCA MOR

Units	Daily Flow			Aeration Tank 1			Aeration Tank 2			pH		Temp		Settleable Solids		Waste		UV		Fecal Coliform		Enterococci		D.O.		BOD (5-Day)			Sis. MK
	Max	Min	Total	MASS	SVI	low D.O.	High D.O.	MASS	SVI	low D.O.	High D.O.	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	INF.	EFF.	% Removal	
Testing	MGD					MG/L				MG/L		S.U.		FAHRENHEIT		ML/L	NTU	mins	%	Transmitt	#/100 ML	#/100 ML	#/100 ML	MG/L		MG/L		%	
Date																				Daily	Weekly	Weekly	Daily						
1	0.3168	0.0432	0.17364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2	0.29232	0.02016	0.1694	1264	260	1.9	2.5	2040	280	3.4	3.7	5.9	7	56	50	0	1.5	4	0	0	1.5	0	0	0	6.7				
3	0.3744	0.03168	0.17895	1212	280	2.9	3.7	1280	300	2.6	2.8	6.2	7.1	56	54	0	1.2	0	0	0	1.2	0	0	0	7				
4	0.30096	0.04896	0.17758	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
5	0.2952	0.0216	0.16944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
6	0.3168	0.0144	0.17752	1684	280	1.9	2.1	1572	240	2.3	2.6	6.5	7	58	54	0	0.8	8	0	0	0.8	0	0	0	5.8				
7	0.28224	0.01728	0.16958	1464	280	2.1	2.5	1408	260	2.6	2.8	6.6	6.8	58	56	0	1.2	8	0	0	1.2	0	0	0	5.5	115	2	98.26087	66
8	0.3456	0.0504	0.18843	1600	340	2.6	2.7	1540	300	3	3.6	6.7	7.2	56	54	0	1.1	8	0	0	1.1	0	0	0	7.2				
9	0.2952	0.03168	0.17745	1492	320	2.7	3	1520	300	2.4	2.6	6.5	7.1	58	56	0	0.7	8	0	0	0.7	0	0	0	6.7				
10	0.28944	0.02088	0.16631	1496	380	2.3	2.4	1456	320	1.9	2.6	6.7	6.9	56	54	0	0.9	8	0	0	0.9	0	0	0	5.2				
11	0.35568	0.02016	0.17467	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
12	0.30816	0.04032	0.16894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
13	0.35424	0.03168	0.1685	1280	340	3.3	3.7	1552	380	2.9	3.4	6.7	6.9	56	54	0	1.3	8	0	0	1.3	0	0	0	6.8				
14	0.35424	0.03168	0.1685	1872	340	2.6	2.9	1676	320	2.1	2.6	6.8	7	56	54	0	0	8	0	0	0	0	0	0	7	108	2	98.14815	52
15	0.3312	0.03168	0.17021	1432	380	2.7	2.9	1584	280	2.1	2.2	6.4	7.1	54	56	0	0.8	8	0	0	0.8	0	0	0	6.4				
16	0.35424	0.01728	0.17756	1496	340	2.8	3.4	1216	300	2.4	2.6	6.8	6.9	54	54	0	0.6	12	0	0	0.6	0	0	0	7.1				
17	0.32832	0.03744	0.16248	1336	300	2.8	3.6	1348	300	3.1	3.4	6.5	7	54	54	0	0.6	12	0	0	0.6	0	0	0	7.3				
18	0.29376	0.02592	0.16698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
19	0.3024	0.11232	0.17146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
20	0.30816	0.03888	0.1714	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
21	0.33984	0.06648	0.17534	1432	400	1.7	2.4	1432	450	0.9	1.2	6.6	6.9	55	54	0	1.2	17	0	0	1.2	0	0	0	7.1	135	2	98.51852	86
22	0.3456	0.02016	0.16854	1776	360	1.7	1.9	1776	380	1.5	2.2	6.8	6.9	54	52	0	1	17	0	0	1	0	0	0	7.4				
23	0	0.02016	0.17156	1568	300	3.1	3.7	1568	280	3.6	3.8	6.7	7	54	52	0	0.7	4	0	0	0.7	0	0	0	7				
24	0.3528	0.04032	0.16679	1480	300	3.4	3.8	1480	300	2.7	2.9	6.5	7	56	54	0	1.2	5	0	0	1.2	0	0	0	6.9				
25	0.34128	0.03456	0.17894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
26	0.32112	0.04176	0.16879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
27	0.32544	0.02592	0.18438	1368	300	2.2	2.9	1368	300	2.8	3.5	6.5	6.9	54	52	0	0.8	7	0	0	0.8	0	0	0	7.2				
28	0.29952	0.01728	0.17355	1128	300	2.7	2.9	1128	280	2.6	3.4	6.9	7	55	54	0	0.9	8	0	0	0.9	0	0	0	7.4	58.4	2	96.57534	94
29	0.3456	0.0864	0.16754	1412	300	3.5	3.7	1412	320	3	3.6	6.8	7.2	56	54	0	0.6	4	0	0	0.6	0	0	0	7.5				
30	0.38432	0.144	0.16301	1888	310	1.9	2.6	1888	300	3.6	3.9	6.8	7	54	52	0	0.6	8	0	0	0.6	0	0	0	7.2				
31	0.17568	0.14256	0.16143	1536	280	2.1	2.6	1536	300	2.2	2.8	6.8	7	56	52	0	0.8	12	0	0	0.8	0	0	0	6.9				



Manage
Access Requests

Search
All DMRs & CORs
Permits
Users

Unscheduled DMRs
Unscheduled DMRs

Import DMRs
Perform Import
Check Results

Update NODI
Check Results

View
Permits
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DMR Signing Status

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Session Lockout Timer: 28:58

Signing Process Confirmation - CDX Activity ID: _5881fc22-99ce-44a9-96a9-10f0782f0ede

Your DMRs are undergoing the Signing Process

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
CT0101745	DEEP RIVER WPCF	001	001-1	SANITARY SEWAGE	01/31/20	02/15/20

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



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 1/28/2020
Receipt Date: 1/28/2020
Report Date: 2/4/2020
Sample Site: Influent

Sample ID#: 130137
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	58.4	mg/L	SM5210B	2	1/29/2020	KC
Total Suspended Solids	94.0	mg/L	SM2540D	1	1/31/2020	JB

A handwritten signature in black ink, appearing to read "David Harris", is written over a horizontal line.

DAVID HARRIS - LABORATORY DIRECTOR

ND = Not Detected

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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 Date: 1/28/2020
Receipt Date: 1/28/2020
Report Date: 2/4/2020
Sample Site: Effluent

Sample ID#: 130138
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	1/29/2020	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	1/31/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

7005 Boston Post Road
Madison, CT 06443

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

Project: _____

Weekly

Influent/Effluent Testing

Fax:

Samplers Name: (Print)

340

Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers
				Water	Solid	Grab	
	Influent	1/28/20	8:25	X	X		1
	Effluent	1/28/20	8:45	X	X		1
	Effluent			X		X	1

Relinquished by:

Relinquished by:

Received by:

1/20/20

Received by:

17.1

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

Old building -

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ENVIRONMENTAL
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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: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/17/2020
Sample Site: Influent

Sample ID#: 129722
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	15.3	mg/L	ASTM D6919-03	0.05	1/16/2020	KC
Nitrate as N	1.27	mg/L	EPA300.0	0.1	1/7/2020	JB
Nitrite as N	0.04	mg/L	EPA300.0	0.01	1/7/2020	JB
Orthophosphate as P	1.82	mg/L	EPA300.0	0.02	1/7/2020	JB
Phosphorous -Total as P	2.55	mg/L	EPA 200.7	0.04	1/14/2020	JB
TKN as N	18.5	mg/L	4500NorgC	0.5	1/13/2020	KC
Total Nitrogen as N	19.8	mg/L	CALC	1	1/15/2020	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#: 129723
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/17/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	0.39	mg/L	ASTM D6919-03	0.05	1/16/2020	KC
Nitrate as N	0.32	mg/L	EPA300.0	0.1	1/7/2020	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	1/7/2020	JB
Orthophosphate as P	0.61	mg/L	EPA300.0	0.02	1/7/2020	JB
Phosphorous -Total as P	0.83	mg/L	EPA 200.7	0.04	1/14/2020	JB
TKN as N	0.81	mg/L	4500NorgC	0.5	1/13/2020	KC
Total Nitrogen as N	1.13	mg/L	CALC	1	1/15/2020	KC


DAVID BARRIS - LABORATORY DIRECTOR

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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#: 129724
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client
Sample Date: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/15/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity	80.0	mg/L	SM2320-B	20	1/15/2020	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#: 129725
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/15/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical Alkalinity	30.3	mg/L	SM2320-B	20	1/15/2020	KC


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

EI 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:

PWSID#:

System Type:

Samplers Name: (Print)

John Ely

Project:		Required Analysis		TN Series		Ortho & Total Phos		Alkalinity (grab sample)		BOD/TSS		Fecal/Enterococcus May-Oct		Cl ₂ Res.		ECL Sample I.D.#	
Monthly + Weekly Influent/Effluent Testing																	
Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers										
				Water	Solid	Comp Grab											
	Influent (Monthly)	11/7/20	8:20	X		X	2			X						129722	
	Effluent (Monthly)	11/7/20	8:30	X		X	2			X						129723	
	Influent (Monthly)	11/7/20	8:20	X		X	1			X						129724	
	Effluent (Monthly)	11/7/20	8:30	X		X	1			X						129725	
	Influent (Weekly)	11/7/20	8:20	X		X	1										
	Effluent (Weekly)	11/7/20	8:30	X		X	1										
	Effluent (Weekly)			X		X	1										

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>			<i>[Signature]</i>	11/7/20	9:35
Relinquished by:	Date	Time	Received by:	Date	Time

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

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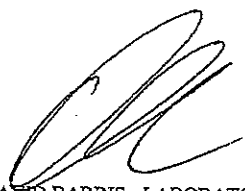


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Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample ID#: 130019
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 1/21/2020
Receipt Date: 1/21/2020
Report Date: 1/28/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	135	mg/L	SM5210B	2	1/22/2020	KC
Total Suspended Solids	86.0	mg/L	SM2540D	1	1/24/2020	JB


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#: 130020
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 1/21/2020
Receipt Date: 1/21/2020
Report Date: 1/28/2020
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	1/22/2020	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	1/24/2020	JB


DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

7105 Boston Post Road
Madison, CT 06443

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

Client: Town of Deep River-W/PCF

Contact: Mr. Peter Lewis

Address: 99 Winter Ave, Deep River, CT 06417

Phone: 860-526-8044

Samplers Name: (Print)

John Ely

Project:

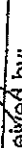
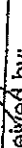
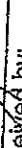
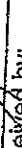
Weekly

Influent/Effluent Testing

Samplers Name: (Print)

[illegible]

Relinquished by:

Shipped by:	Date	Time	Received by:
	11/21/00		
Shipped by:	Date	Time	Received by:
	11/21/00		

Received by: [Signature] 1/24/20 9:37

~~Not required by:~~

Received by: Dr. J. P. ...

2

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)

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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#: 129873
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 1/14/2020
Receipt Date: 1/14/2020
Report Date: 1/23/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	108	mg/L	SM5210B	2	1/16/2020	KC
Total Suspended Solids	52.0	mg/L	SM2540D	1	1/17/2020	JB


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 Date: 1/14/2020
Receipt Date: 1/14/2020
Report Date: 1/23/2020
Sample Site: Effluent

Sample ID#: 129874
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	1/16/2020	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	1/17/2020	JB

A handwritten signature in black ink, appearing to read "David Barris", is written over a horizontal line.

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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

Project:

Weekly

Influent/Effluent Testing

Sampler's Name: (Print)

John Wiley

[illegible]

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ENVIRONMENTAL
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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#: 129726
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client
Sample Date: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/15/2020
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	115	mg/L	SM5210B	2	1/8/2020	KC
Total Suspended Solids	66.0	mg/L	SM2540D	1	1/10/2020	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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



ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

Report of Analysis

Name: Town of Deep River WPCF
99 Winter Ave
Deep River, CT 06417
Attn: Pete Lewis
Sample Date: 1/7/2020
Receipt Date: 1/7/2020
Report Date: 1/15/2020
Sample Site: Effluent

Sample ID#: 129727
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	1/8/2020	KC
Total Suspended Solids	1.00	mg/L	SM2540D	1	1/10/2020	JB

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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

Client I.D.	Sampling Location	Date	Time	Sample Type			Number of Containers	Required Analysis				Cl ₂ Res.	ECL Sample I.D.#
				Water	Solid	Comp		TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	Fecal/Enterococcus May-Oct	
	Influent (Monthly)	11/7/20	8:20	X		X	2	X	X			1 - 16oz	
	Effluent (Monthly)	11/7/20	8:30	X		X	2	X	X			1 - 4oz (H2S04) 1 - 32oz 1 - 4oz (H2S04)	
	Influent (Monthly)	11/7/20	8:20	X		X	1		X			1 - 8oz	
	Effluent (Monthly)	11/7/20	8:30	X		X	1		X			1 - 8oz	
			CFS										
			CFS										
	Influent (Weekly)	11/7/20	8:20	X		X	1				X	1 - 8oz	1297216
	Effluent (Weekly)	11/7/20	8:30	X		X	1				X	1 - 16oz	1297217
			CFS										
	Effluent (Weekly)	11/7/20		X		X	1				X	1 - Bact.	

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>			<i>[Signature]</i>	11/7/20	9:35
Relinquished by:	Date	Time	Received by:	Date	Time

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 preserved properly? ☒ Y ☐ N

Date1/11/20
Time8:00 AM
DayWednesday
WeatherSunny
Precipitation0 Inches
Temp37 Degrees F

Tkind Sludge LVL
701702501502
0

Heating Fuel Select
Bat. Cond. Select
Port Gen Run Select

Gallons Test Run
Gen Hrs Select
OPS

Block Htr.
Boiler Temp
Boiler Pres.

Oil/Coolant

Pumped Flow
Total173640 Max
LeadLag
HeatGrinder

Parshall Flume
220 Min
2nd Lag
Hydraulic LVL
SBR
Lower PSTA LVL
30 Avg Temp
121

UV Operation Select
Slide Gates
Standby
301 Waste

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

Clean Screens Select
Air Valves Select
Blower Speed
Blower Speed
mins

Lab
302 Waste

Sampler Initials
Compositor On

Analyst Initials
Compositor Off

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

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

Date 1/21/20
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 0 inches
 Temp 38 Degrees F

Lab

Trend Sludge LVL
 701 702 501 502
 5 5 6 6
 W.A.S LVL
 Heating Fuel 2980 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No
 Lower PS1A
 162685280 LVL
 946 Block Htr. Good
 166 Boiler Pres. Good
 Oil/Coolant 10

Pumped Flow 18547745 Parshall Flume
 Total 169400 Max
 Lead 2 Lag
 Heat On Grinder On
 UV Operation 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 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	56	5.9	2.4	2.7	12	XXX	250
301	9:25	9:30	52	6.7	1.9	2.5	260	XXX	240
302	7:30	7:35	52	6.9	3.4	3.7	280	XXX	230
Effluent	7:05	7:15	50	7	6.2	6.7	0	1.5	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4206	4522	1264
302	25	4120	4630	2040
Effluent	1000			

Date 1/3/20
 Time 7:00 AM
 Day Friday
 Weather Rain
 Precipitation 0.75 Inches
 Temp 48 Degrees F

Tkind Sludge LVL
 701 702
 5 8 6
 W.A.S LVL
 501 502
 6
 Lab
 OPS

Heating Fuel 4000 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No Boiler Temp 946 Block Htr. Good Oil/Coolant Good
 180 Boiler Pres. 10

Pumped Flow 18794624 Parshall Flume
 Total 178950 Max 260 Min 162864230 LVL
 Lead 2 Lag 1 2nd Lag 22 Avg 2.4
 Heat On Grinder On Good 68
 SBR Hydraulic LVL

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

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:25	7:35	56	6.2	0.9	1.3	10	XXX	260
301	9:40	9:45	54	6.9	2.9	3.7	280	XXX	220
302	7:40	7:45	54	7	2.6	2.8	300	XXX	240
Effluent	7:20	7:25	54	7.1	6.7	7	0	1.2	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4106	4409	1212
302	25	4112	4432	1280
Effluent	1000			

Date1/4/20

Time7:00 AM

DaySaturday

WeatherSunny

Precipitation0 Inches

Temp46 Degrees F

TKnd Sludge LVL

701702

W.A.S LVL

501502

Lab

Heating Fuel

Bat. Cond. Select

Port. Gen. Run Select

Gallons

Test Run

Gen Hrs

Select

OPS

Block Htr.

Boiler Temp

Boiler Pres.

Oil/codant

Pumped Flow

Total

Lead

Heat

177580

Max

Lag

Grinder

Parshall Flume

209

Min

2nd Lag

Hydraulic LVL

Lower PSTA

LVL

34

Avg

Temp

123

UV Operation

Slide Gates

Standby

301 Waste

Select

UV Pump

SBR Blower

W.A.S Blower

mins

SBR

Clean Screens

Select

Air Valves

Blower Speed

Blower Speed

mins

Select

Sampler Initials

Compositor On

Analyst Initials

Compositor Off

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

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

Date	1/5/19									
Time	7:00 AM									
Day	Sunday									
Weather	Sunny									
Precipitation	0 Inches									
Temp	40 Degrees F									

Kind Sludge LVL

701

702

W.A.S LVL

501

502

Lab

Heating Fuel

Bat. Cond.

Port Gen Run

Select

Gallons

Test Run

Gen Hrs

Select

OPS

Boiler Temp

Block Htr.

Boiler Pres.

Oil/Coolant

Pumped Flow

Total

Lead

Heat

189440

Max

Lag

Grinder

Parshall Flume

205

Mfn

2nd Lag

Hydraulic LVL

Lower PSTA

LVL

15

Avg

Temp

132

UV Operation

Slide Gates

Standby

301 Waste

Select

UV Pump

SBR Blower

W.A.S Blower

mins

SBR

Clean Screens

Select

Air Valves

Blower Speed

Blower Speed

mins

Select

Sampler Initials

Compositor On

Analyst Initials

Compositor Off

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

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

Date 1/6/20
Time 7:00 AM
Day Monday
Weather Sunny
Precipitation 0 inches
Temp 32 Degrees F

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7	7:10	58	6.5	0.1	0.8	8	XXX	260
301	9:20	9:25	52	6.9	1.9	2.1	280	XXX	220
302	7:30	7:35	52	6.7	2.3	2.6	240	XXX	235
Effluent	7:05	7:15	54	7	5.6	5.8	0	0.8	120

Thick Sludge LVL
701 702 W.A.S LVL
3 4 501 502
9 9
Heating Fuel 4000 Gallons Gen Hrs
Bat Cond. Good Test Run No
Port Gen Run No Boiler Temp 946 Block Htr. Good Oil/Coolant Good
164 Boiler Pres. 8

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4108	4529	1684
302	25	4122	4515	1572
Effluent	1000			

Pumped Flow 19351084 Parshall Flume
Total 177520 Max 220 Min 163231250 LVL
Lead 2 Lag 1 2nd Lag 10 Avg 2.8
Heat On Grinder On SBR Hydraulic LVL Good 3 Temp 68
UV Operation Select UV Pump Clean Screens Yes
Slide Gates 303 SBR Blower 301 Air Valves Good
Standby 304 W.A.S Blower 304 Blower Speed Low
301 Waste 4 mins 302 Waste 304 Blower Speed High
4 mins
Sampler Initials JE Analyst Initials JE
Compositor On 1/6/2020 Compositor Off

Date 1/7/20
Time Tuesday 7:00 AM
Day
Weather Sunny
Precipitation 0 Inches
Temp 31 Degrees F

Lab
Trend Sludge LVL
701 702 W.A.S LVL
6 4 5
502
5
OPS
Heating Fuel 3900 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No
Boiler Temp 946 Block Htr. Good
168 Boiler Press. Oil/Coolant Good
10

Lower PSTA
Pumped Flow 13609874 Parshall Flume
Total 169580 Max 196 Min 163400830 LVL
Lead 2 Lag 1 2nd Lag
Heat On Grinder On Hyraulic LVL Good
SBR
UV Operation UV Pump Clean Screens Yes
Slide Gates Good SBR Blower 301 Air Valves Good
Standby 303 W.A.S Blower 304 Blower Speed Low
301 Waste 4 mins 302 Waste 4 mins High
Lab
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off
1/7/20 @ 8:20

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	8:20	8:35	58	6.6	1.2	1.5	10	XXX	220
301	9:20	9:25	54	6.8	2.1	2.5	280	XXX	220
302	7:40	7:45	54	6.9	2.6	2.8	260	XXX	240
Effluent	8:30	8:40	56	6.8	5.2	5.5	0	1.2	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4204	4570	1464
302	25	4140	4492	1408
Effluent	1000			

Date	1/8/20									
Time	7:00 AM									
Day	Wednesday									
Weather	Sunny									
Precipitation	0 inches									
Temp	34 Degrees F									

TKnd Sludge LVL				Lab				
701	702	501	502					
9	1	5	5					
Heating Fuel	3860 Gallons	Gen Hrs	OPS					
Bat. Cond.	Good	Test Run	No	Boiler Temp	946 Block Htr.	Good	Oil/Coolant	Good
Port Gen Run	No					178 Boiler Pres.	10	

Pumped Flow	20011844	Parshall Flume	Lower PSYA							
Total	186430 Max	240 Min	163587260 LVL							
Lead	2 Lag	1 2nd Lag	35 Avg							
Heat	On	Grinder	Hydraulic LVL	Good						
UV Operation	Good	UV Pump	SBR	Good						
Slide Gates	Good	SBR Blower	Clean Screens	Yes						
Standby	303	W.A.S Blower	301	Air Valves	Good					
301 Waste	4 mins	302 Waste	304	Blower Speed	Low					
				4 mins	High					
Sampler Initials	JE	Analyst Initials	JE							
Compositor On				Compositor Off						

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4170	4570	1600
302	25	4155	4540	1540
Effluent	1000			

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	8:20	8:30	56	6.7	2.2	2.6	10	XXX	220
301	9:30	9:35	54	7	2.6	2.7	340	XXX	180
302	7:20	7:25	52	6.9	3	3.6	300	XXX	190
Effluent	8:25	8:36	54	7.2	6.8	7.2	0	1.1	170

Date 1/9/20
Time 7:00 AM
Day Thursday
Weather Sunny
Precipitation 0 Inches
Temp 37 Degrees F

Temp Sludge LVL
701 702 W.A.S. LVL
3 4 8
502
8
OPS

Heating Fuel 945 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No Boiler Temp 3800 Block Htr. Good
Oil/Coolant Good 10

Pumped Flow 20316406 Parshall Flume
Total 177450 Max 208 M/in 163764710 LVL
Lead 2 Lag 1 2nd Lag
Heat On Grinder On SBR
Hydraulic LVL Good
22 Avg 123
3 Temp 67

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

Sampler Initials JE
Compositor On Analyst Initials JE
Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	58	6.5	0.6	1.3	12	XXX	260
301	9:40	9:45	56	6.7	2.7	3	320	XXX	200
302	7:40	7:45	54	6.9	2.4	2.6	300	XXX	200
Effluent	7:25	7:35	56	7.1	6.2	6.7	0	0.7	150

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol Mg/L
Influent	200			
301	25	4270	4643	1492
302	25	4142	4522	1520
Effluent	1000			

Date	1/10/20									
Time	7:00 AM									
Day	Friday									
Weather	Sunny									
Precipitation	0 inches									
Temp	68 Degrees F									

Thnd Sludge LVL				Lab				
701	702	501	502					
6	2	7	7					
Heating Fuel	3080 Gallons	Gen Hrs	OPS					
Bat. Cond.	Good	Test Run	No	Boiler Temp	946 Block Htr.	Good	Oil/Coolant	Good
Port Gen Run	No					180 Boiler Pres.	12	

Pumped Flow	20612038	Parshall Flume	Lower PSTA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	56	6.7	1.4	1.7	8	XXX	280
301	9:25	9:30	54	6.8	2.3	2.4	380	XXX	260
302	7:30	7:35	54	7	1.9	2.6	320	XXX	220
Effluent	7:20	7:30	54	6.9	4.6	5.2	0	0.9	200

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4204	4578	1496
301	25	4126	4490	1456
Effluent	1000			

Date

1/11/20

Time

AM

Day

Saturday

Weather

Precipitation

Temp

Inches

Degrees F

Thnd Sludge LVL

701

W.A.S LVL

702

Lab

501

502

Heating Fuel

Select

Gallons

Test Run

Gen Hrs

Select

OPS

Block Htr.

Boiler Temp

Boiler Pres.

Oil/Coolant

Port Gen Run

Select

Pumped Flow

174670

Max

Parshall Flume

247 Min

Lower PSTA

LVL

Lead

Lag

Grinder

Hydraulic LVL

14 Avg

Temp

120

Heat

UV Operation

Select

UV Pump

SBR

Clean Screens

Select

Air Valves

Select

Slide Gates

Select

SBR Blower

Blower Speed

Blower Speed

301 Waste

mins

302 Waste

mins

Lab

Analyst Initials

Compositor Off

Sampler Initials

Compositor On

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
Time
Day
Weather
Precipitation
Temp

1/12/20
Sunday
AM
Inches
Degrees F

TKind Sludge LVL
701
0

W.A.S LVL
702
501
502

Lab
502
OPS

Heating Fuel
Bat. Cond.
Port Gen Run

Select
Select
Select

Gallons
Test Run

Gen Hrs
Select

Boiler Temp
Block Htr.
Boiler Pres.

Oil/Coolant

Pumped Flow
Total
Lead
Heat

168940
Max
Lag
Grinder

Parshall Flume
214 Min
2nd Lag
Hydraulic LVL

Lower PSTA
LVL
28 Avg
Temp

117

UV Operation
Slide Gates
Standby
301 Waste

Select
Select
Select
mins

UV Pump
SBR Blower
W.A.S Blower

Clean Screens
SBR
302 Waste
Lab

Select
Select
Blower Speed
Blower Speed
mins

Air Valves
Select

Sampler Initials
Compositor On

Analyst Initials
Compositor Off

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

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

Date	1/13/20
Time	7:00 AM
Day	Monday
Weather	Sunny
Precipitation	0 inches
Temp	48 Degrees F

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	56	6.7	1.2	1.7	14	XXX	260
301	9:30	9:35	58	7	3.3	3.7	340	XXX	240
302	7:40	7:45	56	6.6	2.9	3.4	380	XXX	220
Effluent	7:25	7:35	54	6.9	6.7	6.8	0	1.3	250

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4130	4450	1280
302	25	4201	4589	1552
Effluent	1000			

Heating Fuel	Good	3460 Gallons	Gen Hrs	Boiler Temp	946 Block Htr.	Good	Oil/Coolant	Good
Bat. Cord.	Good	Test Run	No		160 Boiler Pres.		14	
Port Gen Run	No							
Pumped Flow	18613801	Parshall Flume	Lower PSTA					
Total	171850 Max		233 Min	164466480 LVL		2.6	119	
Lead	2 Lag		1 2nd Lag			26 Avg	3 Temp	68
Heat	On	Grinder	On	Hydraulic LVL	Good			
UV Operation	Good	UV Pump	SBR	Clean Screens	Yes	Air Valves	Good	
Slide Gates	Good					Blower Speed	Low	
Standby	303	SBR Blower		301		Blower Speed	High	
301 Waste	4 mins	W.A.S Blower		302 Waste		4 mins		
			Lab					
Sampler Initials	JE	Analyst Initials	JE					
Compositor On	1/13/20 @ 7:30am	Compositor Off						

Date 1/14/20
Time Tuesday 7:00 AM
Day
Weather Sunny
Precipitation 0.25 inches
Temp 32 Degrees F

Lab

Tkend Sludge LVL
701 702 W.A.S. LVL
6 0 501 502
6 6
Heating Fuel 3550 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No Boiler Temp 946 Block Htr. Good Oil/Coolant Good
12

Pumped Flow 18813673 Parshall Flume
Total 168500 Max 246 Min 164634980 LVL
Lead 2 Lag 1 2nd Lag
Heat On Grinder On SBR
UV Operation UV Pump Clean Screens Yes
Slide Gates Good SBR Blower 301 Air Valves Good
Standby 303 W.A.S Blower Blower Speed Low
301 Waste 4 mins 302 Waste 304 Blower Speed High
4 mins
Sampler Initials JE Analyst Initials JE
Compositor On Compositor Off

1/14/20 @ 8:20am

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:10	7:20	56	6.8	1.4	1.7	8	XXX	250
301	9:25	9:30	56	6.7	2.6	2.9	340	XXX	220
302	7:40	7:45	56	6.7	2.1	2.6	320	XXX	240
Effluent	7:15	7:25	54	7	6.7	7	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4122	4590	1872
302	25	4108	4528	1680
Effluent	1000			

Date 1/15/20
 Time 7:00 AM
 Day Wednesday
 Weather Sunny
 Precipitation 0 inches
 Temp 34 Degrees F

Lab

Trend Sludge LVL

701 702 W.A.S. LVL
 8 2 6

Heating Fuel 2990 Gallons Gen Hrs
 Bat Cond. Good Test Run No
 Port Gen Run No

Boiler Temp 946 Block Htr. Good Oil/Coolant Good
 180 Boiler Pres. 14

Pumped Flow 19170544 Parshall Flume
 Total 170210 Max 230 Min 164805190 LVL
 Lead 2 Lag 1 2nd Lag
 Heat On Grinder On SBR

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

Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:00	7:10	54	6.4	0.8	1.2	10	XXX	200
301	9:20	9:30	56	6.9	2.7	2.9	380	XXX	220
302	7:35	7:40	56	6.7	2.1	2.2	280	XXX	240
Effluent	7:05	7:15	56	7.1	6.4	6.6	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4122	4480	1432
302	25	4106	4502	1584
Effluent	1000			

Date	1/16/20									
Time	7:00 AM									
Day	Thursday									
Weather	Sunny									
Precipitation	0 inches									
Temp	30 Degrees F									

TKnd Sludge LVL	Lab												
701	702	W.A.S LVL	501	502									
5	3	7	7	7									
Heating Fuel	3280 Gallons	Gen Hrs	OPS	946 Black Htr.	Good	Oil/Coolant	Good						
Bat. Cond.	Good	Test Run	Yes	Boiler Temp	168 Boiler Pres.	14							
Port Gen Run	No												

Pumped Flow	19437133	Parshall Flume	Lower PSTA			
Total	177560 Max	246 Min	164982750 LVL	12 Avg	123	
Lead	2 Lag	1 2nd Lag	Hydraulic LVL	3 Temp	67	
Heat	On	Grinder	On	SBR	Good	
UV Operation	Good	UV Pump	Clean Screens	Yes	Air Valves	Good
Slide Gates	303	SBR Blower	301	Blower Speed	High	
Standby	6 mins	W.A.S Blower	304	Blower Speed	High	
301 Waste			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	7:20	7:30	54	6.8	1.4	1.6	14	XXX	240
301	9:30	9:35	54	7.2	2.8	3.4	340	XXX	200
302	7:30	7:35	54	7	2.4	2.6	300	XXX	220
Effluent	7:25	7:35	54	6.9	7	7.1	0	0.6	260

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MGS/L
Influent	200			
301	25	4202	4576	1496
302	25	4186	4490	1216
Effluent	1000			

Date 1/17/19
 Time 7:00 AM
 Day Friday
 Weather Sunny
 Precipitation 0 Inches
 Temp 18 Degrees F

Kind Sludge LVL Lab
 701 702 W.A.S. LVL 502
 6 3 6 6
 Heating Fuel 3340 Gallons Gen Hrs OPS
 Bat. Cond. Good Test Run No Boiler Temp 946 Block Htr. Good
 Port Gen Run No 172 Boiler Pres. Oil/Coolant Good 14

Pumped Flow 19662787 Parshall Flume Lower PSTA
 Total 162480 Max 228 Min 165145230 LVL
 Lead 2 Lag 1 2nd Lag
 Heat On Grinder On SBR Hydraulic LVL Good
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SPR Blower 301 Air Valves Good
 Standby 303 W.A.S. Blower 304 Blower Speed High
 301 Waste 6 mins 302 Waste 6 mins Blower Speed High
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO low	Do High	Settle	Turb	TDS
Influent	7:20	7:25	54	6.5	1.9	1.3	12	XXX	240
301	9:40	9:45	54	6.9	2.8	3.6	300	XXX	240
302	11:30	11:35	54	6.7	3.1	3.4	300	XXX	210
Effluent	7:45	7:50	54	7	6.9	7.3	0	0.6	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4122	4456	1336
302	25	4109	4446	1348
Effluent	1000			

Date

1/18/20

Time

AM

Day

Saturday

Weather

Precipitation

Temp

Inches

Degrees F

Lab

W.A.S LVL

502

701

702

501

502

0

Ops

Block Htr.

Boiler Temp

Boiler Press.

Oil/Coolant

Heating Fuel

Select

Bat. Cond.

Select

Port Gen Run

Select

Gallons

Test Run

Gen Hrs

Select

Parshall Flume

Lower PSTA

LVL

Pumped Flow

166980

Total

Max

Lead

Lag

Grinder

Heat

204 Min

2nd Lag

Hydraulic LVL

18 Avg

Temp

115

UV Operation

Select

Slide Gates

Select

Standby

UV Pump

SPR Blower

W.A.S Blower

302 Waste

mins

302 Waste

mins

Lab

Air Valves

Select

Blower Speed

Blower Speed

mins

Sampler Initials

Compositor On

Analyst Initials

Compositor Off

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

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

Date 1/20/20 AM
 Time Monday
 Day MLK DAY
 Weather
 Precipitation Inches
 Temp Degrees F

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

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

Pumped Flow Parshall Flume
 Total 171400 Max 214 Min
 Lead Lag 2nd Lag 27 Avg
 Heat Grinder Hydraulic LVL Temp 119

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

Sampler Initials Analyst Initials
 Compositor On 1/20/2020 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 1/21/20
Time Tuesday 7:00 AM
Day Sunny
Weather Sunny
Precipitation 0 Inches
Temp 9 Degrees F

Thnd Sludge LVL
701 702 W.A.S LVL
8 2 11
11

Heating Fuel 2880 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No

Lab
502
11
OPS
946 Block Htr. Good
Boiler Temp 170 Boiler Pres. Oil/Coolant Good
10

Pumped Flow 20177347 Parshall Flume
Total 175340 Max 236 Min 165658460 LVL
Lead 2 Lag 1 2nd Lag
Heat On Grinder On Hydraulic LVL Good
SBR
28 Avg 121
3 Temp 67

UV Operation UV Pump
Slide Gates Good SBR Blower
Standby 303 W.A.S Blower
301 Waste 9 mins 302 Waste 304
Blower Speed 8 mins
Air Valves Good
Blower Speed High
Blower Speed High

Sampler Initials JE
Compositor On JE
Analyst Initials JE
Compositor Off
1/21/20 @ 8:30am

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	55	6.6	1.2	1.6	20	XXX	220
301	9:35	9:40	54	6.8	1.7	2.4	400	XXX	240
302	11:20	11:25	54	6.6	0.9	1.2	450	XXX	260
Effluent	7:25	7:35	54	6.9	6.2	7.1	0	1.2	230

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol Mg/L
Influent	200			
301	25	4168	4526	1432
302	25	4096	4561	1860
Effluent	1000			

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:20	7:30	54	6.8	1.2	1.4	14	XXX	260
301	9:30	9:35	52	6.7	1.7	1.9	360	XXX	220
302	7:40	7:45	52	6.8	1.5	2.2	380	XXX	240
Effluent	7:55	7:55	52	6.9	6.7	7.4	0	1	240

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200	4136	4580	1776
301	25	4227	4690	1852
302	25			
Effluent	1000			

240 Min	165827580 LVL	14 Avg	2.6	117
1 2nd Lag		3 Temp		67
Hydraulic LVL	Good			
SBR				
Clean Screens	Yes	Air Valves	Good	
	301	Blower Speed	High	
	304	Blower Speed	High	
	302 Waste	8 mins		
Lab				
Analyst Initials	JE			
Compositor Off				

Date 1/23/20
 Time 7:00 AM
 Day Thursday
 Weather Sunny
 Precipitation 0 inches
 Temp 22 Degrees F

Lab

Tind Sludge LVL
 701 702 W.A.S LVL
 8 0 501 502
 6
 Heating Fuel 2960 Gallons Gen Hrs
 Bat. Cond. Good Test Run Yes
 Port Gen Run No Boiler Temp 946 Block Htr. Good Oil/Coolant Good
 180 Boiler Pres. 12

Pumped Flow 20901091 Parshall Flume
 Total 171560 240
 Lead 2 Lag 1 2nd Lag Min 165844/36 LVL
 Heat On Grinder On SBR Hydraulic LVL Good
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 2 mins 302 Waste 2 mins Blower Speed High
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:25	7:35	54	6.7	2.1	2.6	14	XXX	240
301	9:20	9:25	54	6.8	3.1	3.7	300	XXX	220
302	7:40	7:45	54	6.9	3.6	3.8	280	XXX	220
Effluent	7:20	7:30	52	7	6.7	7	0	0.7	180

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4199	4591	1568
302	25	4216	4589	1492
Effluent	1000			

Date	1/24/20									
Time	7:00 AM									
Day	Friday									
Weather	Sunny									
Precipitation	0 inches									
Temp	34 Degrees F									

Sample	Collected	Analyzed	Temp	pH	DO low	DO High	Settle	Turb	TDS
Influent	11:30	11:40	56	6.5	0.8	1.5	12	XXX	260
301	9:30	9:35	54	6.7	3.4	3.8	300	XXX	250
302	7:20	7:27	54	6.9	2.7	2.9	300	KXX	220
Effluent	11:35	11:45	54	7	6.6	6.9	0	1.2	240

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4128	4498	1480
302	25	4207	4527	1280
Effluent	1000			

Tind Sludge LVL		W.A.S LVL		Lab	
701	702	501	502		
6	0	6	6		
		Ops			
Heating Fuel	2870 Gallons	Gen Hrs	946 Black Htr.	Good	Oil/Coolant
Bat Cond.	Good	Test Run	No	Boiler Temp	180 Boiler Pres.
Port Gen Run	No				14
Pumped Flow		Parshall Flume		Lower PS1A	
Total	21356963			245 Min	165861415 LVL
Lead	166790 Max			1 2nd Lag	
Heat	On	Grinder	On	Hydraulic LVL	Good
UV Operation		UV Pump		SBR	
Slide Gates	Good			Clean Screens	Yes
Standby	303	SBR Blower	301	Air Valves	Good
301 Waste	3 mils	W.A.S Blower	304	Blower Speed	High
Sampler Initials		Lab		302 Waste	
Compositor On	JE	Analyst Initials	JE	Blower Speed	3 mils
		Compositor Off			

Date 1/25/20
Time AM
Day Saturday
Weather
Precipitation
Temp

Inches
Degrees F

TKind Sludge LVL
701 702
0

W.A.S LVL
501 502

Lab
502

Heating Fuel
Bat. Cond. Select
Port Gen Run Select

Gallons
Test Run
Gen Hrs Select
OPS

Block Htr.
Boiler Temp
Boiler Pres.

Oil/Coolant

Pumped Flow
Total 178940 Max
Lead Lag
Heat Grinder

Parshall Flume
237 Min
2nd Lag
Hydraulic LVL

Lower PSTA
LVL
24 Avg
Temp

124

UV Operation
Slide Gates Select
Standby
301 Waste

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

Clean Screens Select
SBR
302 Waste

Air Valves
Blower Speed
Blower Speed
mins

Select

Sampler Initials
Compositor On

Analyst Initials
Compositor Off

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

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

Date

1/26/20

AM

Time

Sunday

Day

Weather

Precipitation

1 Inches

Temp

Degrees F

TKnd Sludge LVL

701

702

W.A.S LVL

501

502

Lab

Heating Fuel

Bat. Cond.

Port Gen Run

Select

Gallons

Test Run

Gen Hrs

Select

OPS

Block Htr.

Boiler Temp

Boiler Pres.

Oil/Coolant

Pumped Flow

Total

Lead

Heat

168790

Max

Lag

Grinder

Parshall Flume

223

Mln

2nd Lag

Hydraulic LVL

Lower PSTA

LVL

29

Avg

Temp

117

UV Operation

Slide Gates

Standby

301 Waste

Select

UV Pump

SBR Blower

W.A.S Blower

mins

Clean Screens

Select

SBR

302 Waste

Lab

Air Valves

Blower Speed

Blower Speed

mins

Select

Sampler Initials

Compositor On

Analyst Initials

Compositor Off

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

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

Date 1/27/20
 Time 6:30 AM
 Day Monday
 Weather Sunny
 Precipitation 0 inches
 Temp 38 Degrees F

Lab

TKind Sludge LVL
 701 702 W.A.S LVL
 6 0 501 502
 12 12
 Heating Fuel 2780 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run Yes Boiler Temp 946 Block Htr. Good
 168 Boiler Pres. Oil/Coolant Good
 158

Pumped Flow 21910091 Parshall Flume
 Total 184380 Max 226 Min 166075672 LVL
 Lead 3 Lag 1 2nd Lag 18 Avg 3 126
 Heat On Grinder On SBR Hydraulic LVL Good 2 Temp 68
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 302 Waste 302 Waste 3 mins Blower Speed High
 3 mins
 Sampler Initials JE Lab
 Compositor On 1/27/20 @ 8:00 am Analyst Initials JE
 Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	DO High	Settle	Turb	TDS
Influent	7:10	7:20	54	6.5	2.8	3.6	18	XXX	260
301	9:40	9:45	52	6.8	2.2	2.9	300	XXX	220
302	7:35	7:40	52	7	2.8	3.5	300	XXX	200
Effluent	7:15	7:25	52	6.9	6.9	7.2	0	0.8	220

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4237	4579	1368
302	25	4122	4461	1355
Effluent	1000			

Date 1/28/20
 Time 6:30 AM
 Day Tuesday
 Weather Sunny
 Precipitation 0 Inches
 Temp 36 Degrees F

Lab

Tknd Sludge LVL
 701 702 W.A.S LVL
 5 0 501 502
 12 12
 OPS
 Heating Fuel 2870 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run Yes Boiler Temp 946 Block Htr. Good Oil/Coolant Good
 178 Boiler Pres. 10

Pumped Flow 22267075 Parshall Flume
 Total 173550 Max 208 Min 166093027 LVL
 Lead 1 Lag 3 2nd Lag 12 Avg 2.8
 Heat On Grinder On SBR Hydraulic LVL Good 68
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Blower Speed Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 4 mins 302 Waste 4 mins
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off 1/28/20 @ 8:15

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	7:00	7:10	SS	6.9	0.3	0.9	10	XXX	250
301	9:40	9:45	54	7	2.7	2.9	300	XXX	210
302	7:30	7:35	54	6.8	2.6	3.4	280	XXX	220
Effluent	7:05	7:15	54	7	6.9	7.4	0	0.9	190

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4196	4478	1128
302	25	4173	4424	1004
Effluent	1000			

Date 1/29/20
Time 6:30 AM
Day Wednesday
Weather Sunny
Precipitation 0.25 inches
Temp 32 Degrees F

Lab

TKnd Sludge LVL W.A.S LVL
701 702 501 502
7 0 9 9
Heating Fuel 2060 Gallons Gen Hrs
Bat. Cond. Good Test Run No
Port Gen Run No Boiler Temp 946 Block Htr. Good Oil/Coolant Good
178 Boiler Pres. 10

Pumped Flow 22522762 Parshall Flume
Total 167540 Max 240 Min 166109584 LVL
Lead 3 Lag 1 2nd Lag 60 Avg 2.7
Heat On Grinder On Hydraulic LVL Good 68
UV Operation UV Pump SBR
Slide Gates Good Clean Screens Yes
Standby 303 SBR Blower 301 Air Valves Good
301 Waste 2 mins W.A.S Blower 304 Blower Speed High
Blower Speed 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	56	6.8	1.6	1.9	6	XXX	240
301	9:35	9:40	54	7	3.5	3.7	300	XXX	210
302	7:30	7:35	54	6.7	3	3.6	320	XXX	220
Effluent	7:15	7:25	54	7.2	7	7.5	0	0.6	210

Sample	M.L.	Tare Wt.	Gross Wt.	Sus. Sol (MG/L)
Influent	200			
301	25	4126	4479	1412
302	25	4186	4542	1424
Effluent	1000			

Date 1/30/20
 Time 6:30 AM
 Day Thursday
 Weather Sunny
 Precipitation 0 inches
 Temp 26 Degrees F

Lab

Kind Sludge LVL
 701 702 W.A.S LVL
 9 0 501 502
 6 6
 OPS
 Heating Fuel 2570 Gallons Gen Hts
 Bat. Cond. Good Test Run No
 Port Gen Run No Boiler Temp 946 Black Htr. Good Oil/Coolant Good
 170 Boiler Pres. 10

Pumped Flow 17184932 Parshall Flume
 Total 163010 Max 128 Min 19138545 LVL
 Lead 3 Lag 1 2nd Lag
 Heat On Grinder On SBR Hydraulic LVL Good
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 4 mins 302 Waste 4 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	6:30	6:45	54	6.8	2.1	2.6	8	XXX	260
301	9:25	9:30	52	6.9	1.9	2.6	310	XXX	240
302	7:40	7:45	52	6.8	3.6	3.9	300	XXX	230
Effluent	7:20	7:25	52	7	6.7	7.2	0	0.6	240

Sample	M.L.	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4237	4709	1888
302	25	4128	4562	1736
Effluent	1000			

Date 1/31/20
 Time 6:30 AM
 Day Friday
 Weather Sunny
 Precipitation 0 inches
 Temp 36 Degrees F

Lab

TKnd Sludge LVL
 701 702 W.A.S LVL
 8 0 501 502
 12 12
 Heating Fuel 2680 Gallons Gen Hrs
 Bat. Cond. Good Test Run No
 Port Gen Run No Boiler Temp 946 Black Htr. Good
 180 Boiler Pres. Oil/Coolant Good
 12

Pumped Flow 19157384 Parshall Flume
 Total 161430 Max 122 Min 17200945 LVL
 Lead 3 Lag 1 2nd Lag 99 Avg 3.8
 Heat On Grinder On Hydraulic LVL Good 68
 SBR
 UV Operation UV Pump Clean Screens Yes
 Slide Gates Good SBR Blower 301 Air Valves Good
 Standby 303 W.A.S Blower 304 Blower Speed High
 301 Waste 6 mins 302 Waste 6 mins High
 Lab
 Sampler Initials JE Analyst Initials JE
 Compositor On Compositor Off

Sample	Collected	Analyzed	Temp	pH	DO Low	Do High	Settle	Turb	TDS
Influent	6:50	6:55	56	6.8	2.3	2.8	8	XXX	240
301	9:30	9:35	52	6.9	2.1	2.6	280	XXX	230
302	7:45	7:50	52	6.7	2.2	2.8	300	XXX	280
Effluent	6:45	6:50	52	7	6.5	6.9	0	0.8	210

Sample	ML	Tare Wt.	Gross Wt.	Sus. Sol MG/L
Influent	200			
301	25	4176	4560	1536
302	25	4140	4528	1552
Effluent	1000			