Town of Deep River WPCA MOR

	Daily Flow			Aeration Tank 1				Aeration Tank 2				pH		Temp		Settable Solids	Turbidity	Waste Time	UV Transmit	Fecal Coliform	Enterococci	D.O.	BOD (5-Day)			S
	Max	Min	Total	MLSS	SVI	High D.O.	Low D.O.	MLSS	SVI	High D.O.	Low D.O.	Influent	Effluent	Influent	Effluent	Effluent	Effluent		Effluent	Effluent	Effluent	Effluent	INF.	EFF.	% Removed	INF.
Units	MGD					MG/L				MG/L		S.U.		FAHRENHEIT		ML/L	NTU	mins	%	#/100 ML	#/100 ML	MG/L	MG/L		%	MC
Testing	Daily			Work Day															Daily	Weekly	Weekly	Daily	Weekly			
Date																										
1	0.34416	0.08784	0.201	3404	260	4.6	3.9	3004	270	5.7	4.9	6.5	7	66	69	0	1.9	0				7.3				
2	0.4464	0.07056	0.206	3004	260	5.2	4.9	2968	240	6.4	5.9	6.7	7.1	67	69	0	1.3	0				7.3	1614	2	99.8	3160
3	0.4608	0.09216	0.208	3160	240	5.2	4.8	2896	230	5.7	4.9	6.7	6.9	68	70	0	1.6	0				7.1				
4	0.42192	0.06624	0.206	2632	260	5.4	3.4	2804	240	3.9	3.6	6.7	7.1	68	70	0	1.4	0				7.2				
5	0.48816	0.07344	0.209	2480	240	6	5.2	2612	200	4.6	3.9	6.7	7.1	68	70	0	1.1	6				7.2				
6	0.36864	0.10224	0.196																							
7	0.2952	0.10512	0.186																							
8	0.324	0.09216	0.196																							
9	0.3096	0.09792	0.192	2860	280	6	5.7	2312	240	2.9	2.1	6.7	7	66	69	0	1.4	6				7	245	2	99.1	553
10	0.37728	0.06192	0.19	2904	300	5.1	4.8	2524	240	6.6	4.9	6.7	7.1	67	69	0	1.9	6				7.2				
11	0.30096	0.05184	0.185	2268	260	3.1	2.7	2084	220	2.8	2.4	6.7	7	67	70	0	1.6	6				7.1				
12	0.3888	0.06768	0.197	2264	240	4.5	4.2	2500	260	4.3	3.7	6.7	7.1	64	70	0	1	6				7.3				
13	0.30096	0.04032	0.184																							
14	0.42624	0.05328	0.194																							
15	0.33408	0.05904	0.19	2820	310	3.8	3.1	2616	300	5.9	4.4	6.7	7	59	68	0	1.6	12				7.1				
16	0.39024	0.04176	0.187	2192	260	4.2	3.9	2004	280	4.6	4.1	7	6.9	66	68	0	1.1	12				6.9	122	2	98.4	138
17	0.30096	0.0576	0.186	2896	260	4.8	4.6	2540	300	4.4	3.6	6.7	7.1	51	68	0	1	12				7				
18	0.28944	0.04608	0.187	2640	250	4	3.8	2164	260	3.7	3.1	6.8	7	64	66	0	1.1	6				7.3				
19	0.33696	0.04176	0.179	2108	260	4.9	4.9	2664	250	6.9	6.6	6.8	7.1	60	67	0	1.4	6				7.1				
20	0.36432	0.04464	0.182																							
21	0.3456	0.05616	0.183																							
22	0.33408	0.05904	0.179	2496	300	4.2	3.9	2276	280	3.7	3.4	6.7	7.1	64	67	0	1.3	6				7.2				
23	0.28944	0.0576	0.183	2268	280	3.9	3.8	2116	240	4.3	3.8	6.7	7	66	68	0	1.6	6				7.3	844	2	99.8	1900
24	0.31248	0.04896	0.188	2480	240	3.9	3.8	2460	200	4.6	3.7	6.7	7.1	64	66	0	1	0				7.4				
25	0.31824	0.06048	0.182	2256	280	3.9	3.6	2188	280	3.6	3.1	6.6	6.9	62	64	0	1.9	6				7.1				
26	0.29808	0.04752	0.176	2448	220	4.6	3.8	2180	260	4	3.8	6.7	6.8	60	66	0	0.8	6				7.3				
27	0.27936	0.03744	0.174																							
28	0.26496	0.03744	0.177																							
29	0.29664	0.04464	0.181	2596	240	4.2	3.8	2272	260	5.1	3.4	6.7	7	58	67	0	1.3	6				7.3				
30	0.39168	0.04896	0.189	1808	240	4.7	4.6	1720	260	3.9	3.6	6.6	6.9	64	67	0	1	3				6.9	1972	2	99.2	3440
31	0.27072	0.05616	0.184	1904	280	3.9	3.4	2024	260	3.2	3	6.7	7.1	59	66	0	1.4	3				7				

uspended Solids		Amonia		Nitrite		Nitrate		TKN		Total N			Total P	Ortho Phosphate	Alkalinity	
EFF.	% Removed	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	INF.	EFF.	EFF.	EFF.	EFF.	INF.	EFF.
3/L	%	MG/L		MG/L		MG/L		MG/L		MG/L		# / Day	MG/L	MG/L	MG/L	
Weekly		Monthly														
3	99	27.6	ND	ND	ND	0.5	3.49	145	1.28	146	4.77	8.2	1.65	1.62	225	27
ND	100															
ND	100															
ND	100															
ND	100															

Sludge Disposal Location:
Mattabasset Sewer District

Please return forms to:
DEEP - Water Bureau
ATTN: Municipal Wastewater Monitoring Coordinator
Municipal Facilities
79 Elm Street
Hartford, CT 06106-5127

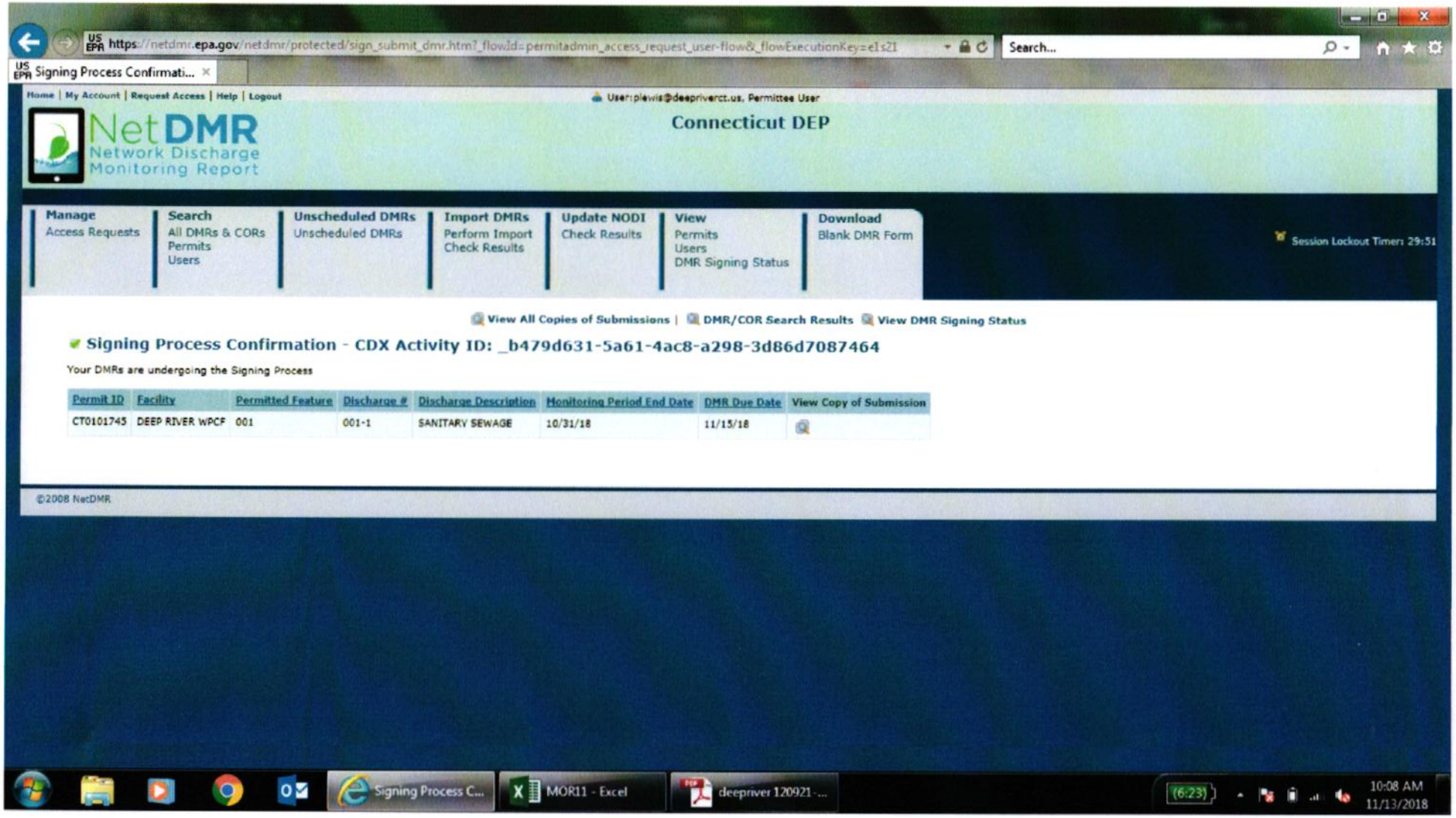
Statement of Acknowledgement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Authorized Official: John Ely

Title: operator

Signature:


https://netdmr.epa.gov/netdmr/protected/sign_submit_dmr.htm?_flowId=permitadmin_access_request_user-flow&_flowExecutionKey=e1s21
Search...
Signing Process Confirmati...
Home | My Account | Request Access | Help | Logout
User:plewis@deepriverct.us, Permittee User
NetDMR
Network Discharge Monitoring Report
Connecticut DEP
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
Users
DMR Signing Status
Download
Blank DMR Form
Session Lockout Timer: 29:51
View All Copies of Submissions | DMR/COR Search Results View DMR Signing Status
Signing Process Confirmation - CDX Activity ID: _b479d631-5a61-4ac8-a298-3d86d7087464
Your DMRs are undergoing the Signing Process
Permit ID
Facility
Permitted Feature
Discharge #
Discharge Description
Monitoring Period End Date
DMR Due Date
View Copy of Submission
CT0101745
DEEP RIVER WPCF
001
001-1
SANITARY SEWAGE
10/31/18
11/15/18
©2008 NetDMR
Signing Process C...
MOR11 - Excel
deepriver 120921 -...
(6:23)
10:08 AM
11/13/2018

1005 BOSTON POST ROAD
MADISON, CT 06443

ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

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

Report of Analysis

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

Sample ID#: 120519
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Sample Date: 10/2/2018
Receipt Date: 10/2/2018
Report Date: 10/15/2018
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	ND	mg/L	ASTM D6919-03	0.05	10/12/2018	KC
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	10/4/2018	KC
Nitrate as N	3.49	mg/L	EPA300.0	0.1	10/2/2018	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	10/2/2018	JB
Orthophosphate as P	1.62	mg/L	EPA300.0	0.02	10/2/2018	JB
Phosphorous -Total as P	1.65	mg/L	EPA 200.7	0.04	10/11/2018	JM
TKN as N	1.28	mg/L	4500NorgC	0.5	10/11/2018	KC
Total Nitrogen as N	4.77	mg/L	CALC	1	10/15/2018	KC
Total Suspended Solids	3.00	mg/L	SM2540D	1	10/5/2018	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 Date: 10/2/2018
Receipt Date: 10/2/2018
Report Date: 10/18/2018
Sample Site: Influent

Sample ID#: 120518
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Ammonia as N	27.6	mg/L	ASTM D6919-03	0.05	10/17/2018	KC
Biological Oxygen Demand	1614	mg/L	SM5210B	2	10/4/2018	KC
Nitrate as N	0.50	mg/L	EPA300.0	0.1	10/2/2018	JB
Nitrite as N	ND	mg/L	EPA300.0	0.01	10/2/2018	JB
Orthophosphate as P	5.44	mg/L	EPA300.0	0.02	10/2/2018	JB
Phosphorous -Total as P	21.0	mg/L	EPA 200.7	0.04	10/11/2018	JM
TKN as N	145	mg/L	4500NorgC	0.5	10/11/2018	KC
Total Nitrogen as N	146	mg/L	CALC	1	10/15/2018	KC
Total Suspended Solids	3160	mg/L	SM2540D	1	10/5/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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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:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	Required Analysis: BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	10/9/18	9:15	X		x		1	x	x								1201638
	Effluent	10/9/18	9:05	X		x		1	x	x								1201639
	Effluent n/a			x			x	n/a				x						

Relinquished by:	Date	Time	Received by:
	10/9/18	9:30 AM	
Relinquished by:	Date	Time	Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? Y / N 3.2°C
Were Samples in appropriate containers? (Y) N
If No Explain _____
Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples 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 Date: 10/2/2018
Receipt Date: 10/2/2018
Report Date: 10/4/2018
Sample Site: Influent

Sample ID#: 120520
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity(Grab)	225	mg/L	SM2320-B	20	10/3/2018	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 Date: 10/2/2018
Receipt Date: 10/2/2018
Report Date: 10/4/2018
Sample Site: Effluent

Sample ID#: 120521
Sample Type: Wastewater
Sample Source: Monthly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Alkalinity(Grab)	27.0	mg/L	SM2320-B	20	10/3/2018	KC

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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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 Influent/Effluent Testing**

Samplers Name: (Print) John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	Required Analysis: TN Series	Ortho & Total Phos	Alkalinity (grab sample)	BOD/TSS	ECL Sample I.D.#
	Influent	10/2/18	9:05	X		x		2	x	x		X	120518
	Effluent	10/2/18	9:10	X		x		2	x	x		X	120519
	Influent	10/2/18	9:00	x			x	1			x		120520
	Effluent	10/2/18	9:15	x			x	1			x		120521

Relinquished by:	Date	Time	Received by:
[signature]	10/2/18	9:37AM	[signature] 10/2/18
Relinquished by:	Date	Time	Received by:

Were Samples received within holding time? (Y) / N
Were Samples chilled upon reciept? (Y) / N 3.8°C
Were Samples in appropriate containers? (Y) / N
If No Explain

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

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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#: 120638
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 10/9/2018
Receipt Date: 10/9/2018
Report Date: 10/16/2018
Sample Site: Influent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	245	mg/L	SM5210B	2	10/10/2018	KC
Total Suspended Solids	553	mg/L	SM2540D	1	10/12/2018	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#: 120639
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 10/9/2018
Receipt Date: 10/9/2018
Report Date: 10/16/2018
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	10/10/2018	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	10/12/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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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:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	Required Analysis: BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	10/9/18	9:15	X		x		1	x	x								1201038
	Effluent	10/9/18	9:05	X		x		1	x	x								1201039
~~Effluent~~ n/a				x			x	n/a				x						

Relinquished by:	Date	Time	Received by:
	10/9/18	9:30 AM	
Relinquished by:	Date	Time	Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? Y / N 3.2°C
Were Samples in appropriate containers? (Y) N
If No Explain _____

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples 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 Date: 10/16/2018
Receipt Date: 10/16/2018
Report Date: 10/23/2018
Sample Site: Effluent

Sample ID#: 120777
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	10/17/2018	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	10/19/2018	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 Date: 10/16/2018
Receipt Date: 10/16/2018
Report Date: 10/23/2018
Sample Site: Influent

Sample ID#: 120776
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	122	mg/L	SM5210B	2	10/17/2018	KC
Total Suspended Solids	138	mg/L	SM2540D	1	10/19/2018	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 Date: 10/23/2018
Receipt Date: 10/23/2018
Report Date: 10/30/2018
Sample Site: Influent

Sample ID#: 120921
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	844	mg/L	SM5210B	2	10/24/2018	KC
Total Suspended Solids	1900	mg/L	SM2540D	1	10/26/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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MADISON, CT 06443

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Report of Analysis

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

Sample ID#: 120922
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Sample Date: 10/23/2018
Receipt Date: 10/23/2018
Report Date: 10/30/2018
Sample Site: Effluent

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	<2.00	mg/L	SM5210B	2	10/24/2018	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	10/26/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

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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:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	Required Analysis: BOD	TSS		Fecal/Enterocci (May-Oct)						ECL Sample I.D.#
	Influent	10/23	9:15	X		X		1	X	X								120921
	Effluent	10/23	9:10	X		X		1	X	X								120922
	Effluent			~~X~~			~~X~~	~~1~~				~~X~~						

Relinquished by:	Date	Time	Received by:
	10/23/18	9:30AM	
Relinquished by:	Date	Time	Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 14.5°C
Were Samples in appropriate containers? (Y) N
If No Explain _____
Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples presented properly? (Y) N
~~If No type needed~~ _____

1005 BOSTON POST ROAD
MADISON, CT 06443

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Report of Analysis

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

Sample Date: 10/30/2018
Receipt Date: 10/30/2018
Report Date: 11/6/2018
Sample Site: Influent

Sample ID#: 121008
Sample Type: Wastewater
Sample Source: Weekly
Sampler: Client

Parameter	Sample Result	Units	Method	MDL	Analysis Date	Analyst
Chemical						
Biological Oxygen Demand	1972	mg/L	SM5210B	2	10/31/2018	KC
Total Suspended Solids	3440	mg/L	SM2540D	1	11/1/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

1005 BOSTON POST ROAD
MADISON, CT 06443

ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

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

Report of Analysis

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

Sample Date: 10/30/2018
Receipt Date: 10/30/2018
Report Date: 11/6/2018
Sample Site: Effluent

Sample ID#: 121009
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	10/31/2018	KC
Total Suspended Solids	ND	mg/L	SM2540D	1	11/1/2018	JB

DAVID BARRIS - LABORATORY DIRECTOR

ND = Not Detected

ENVIRONMENTAL
CONSULTING LABORATORIES, INC.

1005 Boston Post Road
Madison, CT 06443

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

Client: **Town of Deep River-WPCF**
Contact: **Mr. Peter Lewis**
Address: **99 Winter Ave, Deep River, CT 06417**
Phone: **860-526-6044** Fax:

Project:
Weekly
Influent/Effluent Testing

Samplers Name: (Print)
John Ely

Client I.D.	Sampling Location	Date	Time	Sample Type: Water	Solid	Comp	Grab	Number of Containers	Required Analysis: BOD	TSS		Fecal/Enterocci (May-Oct)					ECL Sample I.D.#
	Influent	10/30/18	9:10	X		x		1	x	x							121008
	Effluent	10/30/18	9:00	X		x		1	x	x							121009
	Effluent	—	—	x			x	1				x					

Relinquished by:	Date	Time	Received by:
	10/30/18	10:26 am	
Relinquished by:	Date	Time	Received by:

Were Samples received within holding time? (Y) N
Were Samples chilled upon reciept? (Y) N 10.3°C
Were Samples in appropriate containers? (Y) N
If No Explain _____

Are containers broken/leaking? Y (N)
Did Samples need to be split upon receipt? Y (N)
Were Samples presented properly? (Y) N
~~If No type needed~~ KV

Date 10/31/18 Day Wednesday Time 28° Temp 6:30

Precipitation — Weather Cold

LAB

Thickened Sludge O / 4.3 W.A.S 6 / 6

Ops Building

Heating Fuel 3940 Gallons Generator Hours 940 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour 12

Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9584810 Parshall Flume 30886740

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.6 Temp 74°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 184330 Max 188 Min 39 Avg 129

SBR Building

UV Operation —% Pump Number — Clean Water Screens — Ad

Air Valves — Slide Gates — SBR Blowers 1 Speed low

Standby 3 W.A.S Blowers 5 Speed High

Waste Cycle 301 0 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:20	7:30	59°	6.7	.4	.7	32	XXXX	210
301	6:20	6:25	65°	6.9	3.4	3.9	280	XXXX	160
302	7:30	7:35	65	7.0	3.0	3.2	260	XXXX	180
Effluent	7:15	7:25	66°	7.1	6.7	7.0	0	1.4	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3971	0.4447	1904		
302	25	0.3877	0.4383	2024		
Effluent	1000	0.	0.			

Date 10/30/18 Day Tuesday Time 630 Temp 48°
Precipitation .25 Weather cool

LAB

Thickened Sludge — / 4.5 W.A.S 8 / 8

Ops Building

Heating Fuel 2610 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators ✓no Boiler Temp 170 Boiler Pressure 14

Lower Pump Station

Pumped Flow 9560663 Parshall Flume 3066070
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.7 Temp 72°
Heat 4 Grinder ✓ Hydraulic Level ✓

Gallons 189310 Max 272 Min 34 Avg 131

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:20	7:30	64°	6.6	.7	1.2	46	XXXX	260
301	630	635	67°	6.7	4.6	4.7	240	XXXX	170
302	7:35	7:40	66°	6.7	3.6	3.9	260	XXXX	170
Effluent	7:15	7:25	67°	6.9	6.7	6.9	0	1.0	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3941	0. 4393	1808		
302	25	0. 3965	0. 4395	1720		
Effluent	1000	0.	0.			

Date 10/29/18 Day monday Time 630 Temp 46°
Precipitation .5 Weather Rain

LAB

Thickened Sludge — / 4.8 W.A.S 8 / 8

Ops Building

Heating Fuel 2640 Gallons Generator Hours 940 Block Heater ~
Oil and Coolant ~ Battery Condition ~ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9536249 Parshall Flume 30417910
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 70°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 181260 Max 206 Min 31 Avg 126

SBR Building

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

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On 10/29 8:45 Cdmpositor Date and Time Off 10/30 9:00

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:25	7:35	58°	6.7	.6	.8	28	XXXX	210
301	6:30	6:35	67°	6.4	3.8	4.2	240	XXXX	160
302	7:40	7:45	68°	6.8	3.4	5.1	260	XXXX	~~180~~ 180
Effluent	7:20	7:30	67°	7.0	6.9	7.3	0	1.3	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3974	0. 4623	~~649~~ 2596		
302	25	0. 3909	0. 4477	2272		
Effluent	1000	0.	0.			

Date 10/28/18 Day Sunday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 177460 Max 184 Min 26 Avg 121

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10/27/18 Day Saturday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 174290 Max 194 Min 26 Avg 121

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10/26/18 Day Friday Time 630 Temp 37°
Precipitation 0 Weather Cold

LAB

Thickened Sludge — / 4 W.A.S 8 / 8

Ops Building

Heating Fuel 2660 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9470416 Parshall Flume 29705110
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.8 Temp 72°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 176410 Max 207 Min 33 Avg 123

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:50	655	60°	6.7	1.1	1.2	48	XXXX	210
301	6:20	6:25	66°	6.7	3.9	4.6	220	XXXX	170
302	7:40	7:45	68°	6.9	3.8	4.0	260	XXXX	180
Effluent	7:10	7:15	66°	6.8	7.0	7.3	0	.8	160

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3894	0. 4506	2448		
302	25	0. 3940	0. 4485	2180		
Effluent	1000	0.	0.			

Date 10/25/18 Day Thursday Time 630 Temp 34°
Precipitation 0 Weather cold

LAB

Thickened Sludge —— / 4.0 W.A.S 6.1 / 6.1

Ops Building

Heating Fuel 2820 Gallons Generator Hours 940 Block Heater ~
Oil and Coolant ~ Battery Condition ~ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 180 Boiler Pressure 14

Lower Pump Station

Pumped Flow 94456968 Parshall Flume 29480510
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.4 Temp 74°
Heat ~ Grinder ~ Hydraulic Level ~

Gallons 182470 Max 221 Min 42 Avg 131

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	8:00	8:10	62°	6.6	.7	.9	46	XXXX	210
301	10:25	10:30	64	6.9	3.6	3.9	280	XXXX	190
302	830	8:35	64°	6.9	3.1	3.6	280	XXXX	190
Effluent	8:05	8:15	64°	6.9	6.9	7.1	0	1.9	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3929	0.4493	2256		
302	25	0.3950	0.4497	2188		
Effluent	1000	0.	0.			

Date 10/24/18 Day Wednesday Time 430 Temp 30°
Precipitation .25 Weather cold

LAB

Thickened Sludge —— / 4.3 W.A.S 5.9 / 5.9

Ops Building

Heating Fuel 2620 Gallons Generator Hours 940 Block Heater ~
Oil and Coolant ~ Battery Condition ~ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9397176 Parshall Flume 29171740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 74°
Heat on Grinder ~ Hydraulic Level ~

Gallons 187940 Max 217 Min 34 Avg 130

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	510	5:20	64°	6.7	.4	.7	14	XXXX	260
301	630	635	66°	6.7	3.8	3.9	240	XXXX	190
302	430	435	66°	6.8	3.7	4.6	200	XXXX	170
Effluent	5:15	5:25	66°	7.1	7.0	7.4	0	1.0	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3916	0. 4536	2480		
302	25	0. 3817	0. 4492	2460		
Effluent	1000	0.	0.			

Date 10/23/18 Day Tuesday Time 630 Temp 35°

Precipitation 0 Weather cool

LAB

Thickened Sludge — / 4.1 W.A.S 7 / 7

Ops Building

Heating Fuel 2650 Gallons Generator Hours 940 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9397007 Parshall Flume 29011350

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 76°

Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 183316 Max 201 Min 40 Avg 125

SBR Building

UV Operation — % Pump Number — Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 5 Speed High

Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JC Analyst Initials JC

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:00	7:10	66°	6.7	.8	1.1	26	XXXX	240
301	6:20	6:25	67°	6.9	3.8	3.9	280	XXXX	180
302	7:40	7:45	66°	6.7	3.8	4.3	240	XXXX	190
Effluent	7:05	7:15	68°	7.0	7.1	7.3	0	1.6	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3942	0. 4509	2068		
302	25	0. 3968	0. 4497	2116		
Effluent	1000	0.	0.			

Date 10/22/18 Day Monday Time 630 Temp 31°
Precipitation 0 Weather Cold

LAB

Thickened Sludge —/4.6 W.A.S 7/7

Ops Building

Heating Fuel 2680 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 160 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9373870 Parshall Flume 28786920
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 69°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 179190 Max 232 Min 41 Avg 124

SBR Building

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

Lab Work

Sampler Initials JC Analyst Initials JC
Compositor Date and Time On 10/22 @ 9:00 Compositor Date and Time Off 10/23 @ 9:10

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:20	7:30	64°	6.7	.6	1.2	14	XXXX	290
301	6:25	6:30	66°	7.0	3.9	4.2	300	XXXX	180
302	8:05	8:10	66°	6.8	3.4	3.7	280	XXXX	170
Effluent	7:25	7:35	67°	7.1	6.8	7.2	0	1.3	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3938	0. 4562	2496		
302	25	0. 3971	0. 4540	2276		
Effluent	1000	0.	0.			

Date 10 / 21 / 18 Day Sunday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 183240 Max 240 Min 39 Avg 128

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10 / 20 / 18 Day Saturday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 181630 Max 253 Min 31 Avg 126

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10/19/18 Day Friday Time 630 Temp 31
Precipitation 0 Weather Cold

LAB

Thickened Sludge — / 3.8 W.A.S 6 / 6

Ops Building

Heating Fuel 2870 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9306212 Parshall Flume 28050960
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 69°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 179430 Max 234 Min 29 Avg 123

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:25	60°	6.8	1.2	1.6	10	XXXX	240
301	6:30	6:35	67°	6.9	4.9	4.9	260	XXXX	180
302	7:35	7:40	67°	6.9	6.6	6.9	250	XXXX	180
Effluent	7:10	7:20	67°	7.1	7.0	7.1	0	1.4	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3896	0. 4423	2108		
302	25	0. 3907	0. 4573	2664		
Effluent	1000	0.	0.			

Date 10/18/18 Day Thursday Time 630 Temp 38°
Precipitation 0 Weather cold

LAB

Thickened Sludge — / 4.1 W.A.S 7 / 7

Ops Building

Heating Fuel 2810 Gallons Generator Hours 94 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour 70
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9371746 Parshall Flume 27729650
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 74°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 187390 Max 201 Min 32 Avg 128

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	720	730	64°	6.8	1.3	1.5	10	XXXX	290
301	6:35	6:40	67°	6.7	3.8	4.0	250	XXXX	180
302	7:50	7:55	67°	6.8	3.1	3.7	260	XXXX	
Effluent	725	735	66°	7.0	7.0	7.3	0	1.1	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3883	0. 4543	2640		
302	25	0. 3863	0. 4404	2164		
Effluent	1000	0.	0.			

Date 10/17/18 Day Wednesday Time 630 Temp 41°
Precipitation 0 Weather cool

LAB

Thickened Sludge —/3.7 W.A.S 7/7

Ops Building

Heating Fuel 3004 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9254462 Parshall Flume 27560010
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.2 Temp 67°
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 185700 Max 209 Min 40 Avg 129

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	8:20	8:30	51°	6.7	1.2	1.7	10	XXXX	210
301	6:40	6:45	68°	6.8	4.6	4.8	260	XXXX	200
302	8 25	835	68°	6.9	3.6	4.4	300	XXXX	170
Effluent	8:40	8:45	68°	7.1	6.8	7.0	0	1.0	270

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3928	0. 4652	2896		
302	25	0. 3911	0. 4546	2540		
Effluent	1000	0.	0.			

Date 10/16/18 Day Tuesday Time 630 Temp 49°
Precipitation 0 Weather nice

LAB

Thickened Sludge — / 3.9 W.A.S 6 / 6

Ops Building

Heating Fuel 2890 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 174 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9215297 Parshall Flume 27109710
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 64
Heat ✓ Grinder ✓ Hydraulic Level ✓

Gallons 187210 Max 271 Min 29 Avg 131

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	630	640	66°	7.0	1.4	1.7	12	XXXX	210
301	6:40	6:45	68°	6.8	3.9	4.2	260	XXXX	180
302	6:745	750	68°	6.9	4.1	4.6	280	XXXX	170
Effluent	635	6:45	68	6.9	6.7	6.9	0	1.1	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3907	0. 4455	2192		
302	25	0. 3918	0. 4419	2004		
Effluent	1000	0.	0.			

Date 10 / 15 / 18 Day Monday Time 630 Temp 50°

Precipitation 0 Weather overcast

LAB full trucks

Thickened Sludge — / 1.9 W.A.S 5 / 5

Ops Building

Heating Fuel 2980 Gallons Generator Hours 940 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 10

Lower Pump Station

Pumped Flow 920 4654 Parshall Flume 27037490

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 70

Heat 4 Grinder ✓ Hydraulic Level ✓

Gallons 189590 Max 232 Min 41 Avg 133

SBR Building

UV Operation — % Pump Number — Clean Water Screens Ted

Air Valves ✓ Slide Gates ✓ SBR Blowers 1 Speed High

Standby 3 W.A.S Blowers 5 Speed High

Waste Cycle 301 6 min Waster Cycle 302 6 min

Lab Work

Sampler Initials JC Analyst Initials JC

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:30	6:35	59°	6.7	1.3	1.4	30	XXXX	290
301	10:10	10:15	67°	6.7	3.1	3.8	310	XXXX	180
302	7:45	7:50	67°	6.9	4.4	5.9	300	XXXX	180
Effluent	8:10	8:15	68°	7.0	7.0	7.1	0	1.6	170

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3912	0. 4617	28920		
302	25	0. 3910	0. 4564	2616		
Effluent	1000	0.	0.			

Date 10 / 14 / 18 Day Sun Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 194100 Max 296 Min 37 Avg 134

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10 / 13 / 18 Day Sat Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 184260 Max 209 Min 28 Avg 128

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10 / 12 / 18 Day Friday Time 630 Temp 68°
Precipitation .75 Weather Rain

LAB

Thickened Sludge — / 3.8 W.A.S 7 / 7

Ops Building

Heating Fuel 2940 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9128829 Parshall Flume 26181570
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.5 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 196680 Max 270 Min 47 Avg 136

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:25	7:35	64°	6.7	1.0	1.3	38	XXXX	290
301	9:40	9:45	70°	6.8	4.2	4.5	240	XXXX	
302	7:40	7:45	69°	6.8	3.7	4.3	200	XXXX	190
Effluent	7:20	7:30	70°	7.1	7.1	7.3	0	1.0	140

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3908	0. 4474	2264		
302	25	0. 3901	0. 4526	2500		
Effluent	1000	0.	0.			

Date 10 / 11 / 18 Day Thursday Time 6AM Temp 67°
Precipitation 0 Weather nice

LAB

Thickened Sludge — / 6 W.A.S 6 / 6

Ops Building

Heating Fuel 2960 Gallons Generator Hours 840 Block Heater ✓
Oil and Coolant — Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 10

Lower Pump Station

Pumped Flow 9103550 Parshall Flume 25902740
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 184580 Max 209 Min 36 Avg 128

SBR Building

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

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:40	650	67°	6.7	1.1	1.3	36	XXXX	240
301	745	750	70°	7.0	2.7	3.1	260	XXXX	190
302	9:45	9:50	70°	6.7	2.4	2.8	220	XXXX	210
Effluent	655	7	70°	7.0	6.8	7.1	0	1.6	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0.3994	0.4561	2268		
302	25	0.3876	0.4397	2084		
Effluent	1000	0.	0.			

Date 10 / 10 / 18 Day Wednesday Time 6AM Temp 68
Precipitation 0 Weather Hot

LAB

Thickened Sludge — / 6 W.A.S 8 / 8

Ops Building

Heating Fuel 3000 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9077237 Parshall Flume 25641490
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.3 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 1898660 Max 261 Min 43 Avg 132

SBR Building

UV Operation — % Pump Number — Clean Water Screens Rd
Air Valves _____ Slide Gates _____ SBR Blowers 1+2 Speed High low
Standby 3 W.A.S Blowers 5 Speed High ~ Shut 302 off.
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:20	6:30	67°	6.7	1.1	1.6	26	XXXX	290
301	730	735	69°	6.9	4.8	5.1	300	XXXX	210
302	6	6:05	69°	~~6.9~~	~~6.6~~ 4.9	6.6	270	XXXX	190
Effluent	6:15	~~6:15~~ 6:25	69°	7.1	6.8	7.2	0	1.9	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3889	0. 4615	2904		
302	25	0. 3997	0. 4628	2521		
Effluent	1000	0.	0.			

Date 10 / 9 / 18 Day Tuesday Time 630 Temp 64°
Precipitation 0 Weather cool

LAB

Thickened Sludge ____ / 5 W.A.S 8 / 8

Ops Building

Heating Fuel 3010 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 170 Boiler Pressure 14

Lower Pump Station

Pumped Flow 90517S3 Parshall Flume 25384920
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 70°
Heat n Grinder ✓ Hydraulic Level ✓

Gallons 192410 Max 215 Min 68 Avg 133

SBR Building

UV Operation ____ % Pump Number ____ Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed High low
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:35	6:45	66°	6.7	1.0	1.2	24	XXXX	240
301	7:30	7:35	69°	6.9	5.7	6.0	280	XXXX	180
302	1 45	1:50	71°	6.7	2.1	2.9	270	XXXX	190
Effluent	6:30	8 40	69°	7.0	6.8	7.0	0	1.4	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3985	0. 4700	2860		
302	25	0. 3978	0. 4556	2312		
Effluent	1000	0.	0.			

Date 10 / 8 / 18 Day Monday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 196130 Max 225 Min 64 Avg 136

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

Compositor Date and Time On 10/8/18 9AM Compositor Date and Time Off 10/9/18 @ 905

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

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

Date 10/7/18 Day Sunday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 186470 Max 205 Min 73 Avg 129

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10/6/18 Day Saturday Time _____ Temp _____

Precipitation _____ Weather _____

LAB

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

Ops Building

Heating Fuel _____ Gallons Generator Hours _____ Block Heater _____

Oil and Coolant _____ Battery Condition _____ Run For Hour _____

Run Trailer Mounted Generators _____ Boiler Temp _____ Boiler Pressure _____

Lower Pump Station

Pumped Flow _____ Parshall Flume _____

Lead_____ Lag _____ 2nd Lag _____ Wet Well Level _____ Temp _____

Heat _____ Grinder _____ Hydraulic Level _____

Gallons 195260 Max 256 Min 71 Avg 136

SBR Building

UV Operation _____% Pump Number _____ Clean Water Screens _____

Air Valves _____ Slide Gates _____ SBR Blowers _____ Speed _____

Standby _____ W.A.S Blowers _____ Speed _____

Waste Cycle 301 _____min Waster Cycle 302 _____min

Lab Work

Sampler Initials _____ Analyst Initials _____

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

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

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

Date 10 / 5 / 18 Day Friday Time 6AM Temp 60°

Precipitation 0 Weather nice

LAB

Thickened Sludge — / 7 W.A.S 6 / 6

Ops Building

Heating Fuel 3020 Gallons Generator Hours 940 Block Heater ✓

Oil and Coolant ✓ Battery Condition ✓ Run For Hour no

Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8956822 Parshall Flume 24269910

Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.9 Temp 70°

Heat no Grinder ✓ Hydraulic Level ✓

Gallons 208902 Max 339 Min 51 Avg 145

SBR Building

UV Operation — % Pump Number — Clean Water Screens Rec

Air Valves ✓ Slide Gates ✓ SBR Blowers 1+2 Speed High low

Standby 3 W.A.S Blowers 5 Speed High

Waste Cycle 301 0 min Waster Cycle 302 3 min

Lab Work

Sampler Initials JE Analyst Initials JE

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:20	6:25	68°	6.7	3.1	3.5	32	XXXX	240
301	725	7:30	70°	7.0	5.2	6.0	240	XXXX	180
302	555	6	70°	7.1	3.9	4.6	200	XXXX	200
Effluent	615	6:30	70°	7.1	7.0	7.2	0	1.1	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3935	0. 4555	2480		
302	25	0. 3889	0. 4542	2612		
Effluent	1000	0.	0.			

Date 10 / 4 / 18 Day Thursday Time 6AM Temp 64
Precipitation .25 Weather Spinkle

LAB

Thickened Sludge — / 6 W.A.S 9 / 9

Ops Building

Heating Fuel 3060 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 168 Boiler Pressure 12

Lower Pump Station

Pumped Flow 9100763 Parshall Flume 23851910
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 206490 Max 293 Min 46 Avg 143

SBR Building

UV Operation — % Pump Number — Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 + 2 Speed High low
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	6:10	6:15	68°	6.7	.3	.7	24	XXXX	240
301	7:30	7:35	70°	6.9	3.4	5.4	260	XXXX	210
302	6	605	70°	6.9	3.6	3.9	270	XXXX	190
Effluent	6:20	6:25	70°	7.1	6.8	7.2	0	1.4	190

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3911	0. 4569	2632		
302	25	0. 3918	0. 4619	2804		
Effluent	1000	0.	0.			

Date 10 / 3 / 18 Day Wednesday Time 6AM Temp 62°
Precipitation .5 Weather Humid.

LAB

Thickened Sludge — / 6 W.A.S 8 / 8

Ops Building

Heating Fuel 3040 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8893964 Parshall Flume 23641130
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.0 Temp 70°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 207960 Max 320 Min 64 Avg 144

SBR Building

UV Operation — % Pump Number — Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 + 2 Speed ~~Low~~ High low
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 3 min Waster Cycle 302 3 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:15	7:20	68°	6.7	1.2	1.7	26	XXXX	250
301	7:30	7:35	70°	6.7	4.8	5.2	240	XXXX	200
302	6	6:05	69°	7.0	4.9	5.7	230	XXXX	200
Effluent	7:05	7:10	70	6.9	7.0	7.1	0	1.6	200

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3931	0. 4721	3160		
302	25	0. 3898	0. 4622	2896		
Effluent	1000	0.	0.			

Date 10 / 2 / 18 Day Tuesday Time 6AM Temp 59°
Precipitation .25 Weather Rainy

LAB

Thickened Sludge — / 3.8 W.A.S 12 / 12

Ops Building

Heating Fuel 3140 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8860982 Parshall Flume 23308880
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 3.1 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 206430 Max 310 Min 49 Avg 144

SBR Building

UV Operation — % Pump Number — Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 + 2 Speed High low
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

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

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	7:10	7:15	67°	6.7	.9	1.6	44	XXXX	310
301	7 30	7:35	69°	4.9	5.2	260	260	XXXX	
302	6	6:05	69°	6.8	5.9	6.4	240	XXXX	120
Effluent	7:20	7:25	64°	7.1	7.0	7.3	0	1.3	130

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3874	0. 4625	3004		
302	25	0. 3899	0. 4641	2968		
Effluent	1000	0.	0.			

W. Series to ECL.

Date 10 / 1 / 18 Day Monday Time 6AM Temp 63°
Precipitation 0 Weather cool

LAB

Thickened Sludge — / 7 W.A.S 6 / 6

Ops Building

Heating Fuel 2980 Gallons Generator Hours 940 Block Heater ✓
Oil and Coolant ✓ Battery Condition ✓ Run For Hour no
Run Trailer Mounted Generators no Boiler Temp 164 Boiler Pressure 12

Lower Pump Station

Pumped Flow 8835982 Parshall Flume 22988920
Lead 3 Lag 2 2nd Lag 1 Wet Well Level 2.71 Temp 68°
Heat no Grinder ✓ Hydraulic Level ✓

Gallons 201140 Max 239 Min 61 Avg 137

SBR Building now off @ 7AM

UV Operation 95 % Pump Number — Clean Water Screens Ted
Air Valves ✓ Slide Gates ✓ SBR Blowers 1 2 Speed High low
Standby 3 W.A.S Blowers 5 Speed High
Waste Cycle 301 0 min Waster Cycle 302 0 min

Lab Work

Sampler Initials JE Analyst Initials JE
Compositor Date and Time On 10/1 @ 855 Compositor Date and Time Off 10/2 @ 9:10

Sample	Collected	Analyzed	Temp	pH	DO L	DO H	Settle	Turb	TDS
Influent	705	7:10	66°	6.5	.1	.3	40	XXXX	260
301	7:35	7:40	69°	6.8	3.9	4.6	260	XXXX	180
302	555	6	68°	7.0	4.9	5.7	270	XXXX	190
Effluent	7:15	7:20	69°	7.0	7.1	7.3	0	1.9	180

Sample	ML.	Tare Wt.	Gross Wt.	Sus. Sol MG/L	Ash Wt.	% Volatile S.S
Influent	200	0.	0.			
301	25	0. 3894	0. 4745	3404		
302	25	0. 3871	0. 4622	3004		
Effluent	1000	0.	0.			

Chart not changed