

DMR Copy of Record

Permit #: ID0022063
Major: Yes
Permitted Feature: 001 External Outfall
Report Dates & Status: From 01/01/18 to 01/31/18
Monitoring Period: 02/20/18
Considerations for Form Completion: O=Effluent, 4 month rolling avg. limits; P=Effluent, See Permit Part 1.B.3; S=Effluent; full narrative description in Permit Part 1.B.3; S=Effluent; soluble reactive Phosphorus

Permittee: NAMPA, CITY OF
Permittee Address: 340 WEST RAILROAD STREET
 NAMPA, ID 836871741
Discharge: 001-A Indian Creek

Facility: NAMPA, CITY OF - NAMPA WWTP
Facility Location: 340 WEST RAILROAD STREET
 NAMPA, ID 83687-8208

DMR Due Date: 02/20/18
Status: NetDMR Validated
Title: Superintendent
Telephone: 208-468-5940

First Name: Andrew
Last Name: Zimmerman
No Data Indicator (NODI):
Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		Frequency of Analysis		Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	
00094	Conductivity	P - See Comments	0	--	Sample Permit Req. Value NODI		95.1	Req Mon MO AVG	11 - umho/cm	02/20 - Twice Per Month	24 - COMP24
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		8.56	>=	19 - mg/L	01/20 - Monthly	24 - COMP24
00301	Oxygen, dissolved percent saturation	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		94.8	>=	19 - mg/L	05WK - Five Per Week	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		11	<=	23 - %	0607 - Six Every Week	GR - GRAB
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI		328	Req Mon MO AVG	23 - %	05WK - Five Per Week	CA - CALCTD
00400	pH	P - See Comments	0	--	Sample Permit Req. Value NODI		7.1	>=	19 - mg/L	0307 - Three Per Week	24 - COMP24
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		10	<=	19 - mg/L	0107 - Weekly	24 - COMP24
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI		273	Req Mon MO AVG	19 - mg/L	0107 - Weekly	24 - COMP24
00530	Solids, total suspended	O - See Comments	0	--	Sample Permit Req. Value NODI		650	<=	19 - mg/L	0307 - Three Per Week	24 - COMP24
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI		13.3	<=	19 - mg/L	0207 - Twice Every Week	24 - COMP24
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		118.3	<=	19 - mg/L	0307 - Three Per Week	24 - COMP24
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		212	<=	19 - mg/L	0207 - Twice Every Week	24 - COMP24
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI		5.04	Req Mon MO AVG	19 - mg/L	0307 - Three Per Week	24 - COMP24
00681	Carbon, dissolved organic [as C]	P - See Comments	0	--	Sample Permit Req. Value NODI		9.9	Req Mon MO AVG	19 - mg/L	0207 - Twice Every Week	24 - COMP24
00718	Oxalate, weak acid, dissociable	O - See Comments	1	--	Sample Permit Req. Value NODI		0.00013	<=	19 - mg/L	01/20 - Monthly	24 - COMP24
00900	Hardness, total [as CaCO3]	P - See Comments	0	--	Sample Permit Req. Value NODI		200	Req Mon MO AVG	19 - mg/L	02/20 - Twice Per Month	24 - COMP24

DMR Copy of Record

Permit
 Permit #: ID0022063
 Major: Yes
 Permitted Feature: 001 External Outfall
Report Dates & Status
 Monitoring Period: From 01/01/18 to 01/31/18
 Considerations for Form Completion
Principal Executive Officer
 First Name: Andrew
 Last Name: Zimmerman
 No Data Indicator (NODI)
 Form NODI: --
Permittee: NAMPA, CITY OF
Permittee Address: 340 WEST RAILROAD STREET
 NAMPA, ID 836871741
Discharge: 001-B1
 Indian Creek : start 11/01/2017
DMR Due Date: 02/20/18
Status: NetDMR Validated
Facility: NAMPA, CITY OF - NAMPA WWTP
Facility Location: 340 WEST RAILROAD STREET
 NAMPA, ID 83687-8208
Title: Superintendent
Telephone: 208-468-5840

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
50060	Chlorine, total residual 1 - Effluent Gross	1	--		0	=	0	26 - lb/d	<	11	28 - ug/L	01/01 - Daily	GR - GRAB
					7.5 MO AVG <=		7.5 DAILY MX 26 - lb/d	<=		50 DAILY MX 28 - ug/L 0	50 MO AVG <=	05MWK - Five Per Week	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments

Name	Type	Size
ChlorineLoadingJanuary2018.xls	xls	36352

Report Last Saved By
 NAMPA, CITY OF
User: martineza
Name: Armando Martinez
E-Mail: martineza@cityofnampa.us
Date/Time: 2018-02-20 13:44 (Time Zone: -08:00)
Report Last Signed By
User: zimmermana
Name: Andy Zimmerman
E-Mail: zimmermana@cityofnampa.us
Date/Time: 2018-02-20 15:02 (Time Zone: -08:00)

DMR Copy of Record

Permit
 Permit #: ID0022063
 Major: Yes
 Permitted Feature: 001 External Outfall
 Report Dates & Status: From 01/01/18 to 01/31/18
 Monitoring Period: From 01/01/18 to 01/31/18
 Considerations for Form Completion: Q=Effluent, Table 1, note 7. Report Mo Inst Max, Max Daily Avg, 7 Day Running Avg of Daily Inst Max
 Principal Executive Officer: Andrew Zimmerman
 First Name: Andrew
 Last Name: Zimmerman
 No Data Indicator (NODI): -
 Form NODI: -

Permittee: NAMPA, CITY OF
Permittee Address: 340 WEST RAILROAD STREET
 NAMPA, ID 836871741
Discharge: 001-B2
 Indian Creek - Temp. start 11/01/2017
DMR Due Date: 02/20/18
Status: NetDMR Validated
Title: Superintendent
Telephone: 208-468-5840
Facility Location: NAMPA, CITY OF - NAMPA WWTP
 340 WEST RAILROAD STREET
 NAMPA, ID 83687-8208

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Est. Frequency of Analysis			Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Qualifier 1	Value 1	
00010	Temperature, water deg. centigrade	Q - See Comments	0	-		15.5	Req Mon MX DA AV		15.5	Req Mon MX 7D AV		04 - deg C	99/99 - Continuous	RC - Recorder (auto)
													99/99 - Continuous	RC - Recorder (auto)

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments

Name	Type	Size
OutfallJAN.xlsx	xlsx	21924

Report Last Saved By
 NAMPA, CITY OF

User: martineza
Name: Armando Martinez
E-Mail: martineza@cityofnampa.us
Date/Time: 2018-02-20 13:48 (Time Zone: -08:00)

Report Last Signed By

User: zimmermana
Name: Andy Zimmerman
E-Mail: zimmermana@cityofnampa.us
Date/Time: 2018-02-20 15:05 (Time Zone: -08:00)

DMR Copy of Record

Permit
 Permit #: ID0022063
 Major: Yes
 Permitted Feature: 001 External Outfall
 Report Dates & Status
 Monitoring Period: From 01/01/18 to 01/31/18
 Considerations for Form Completion
 P=Effluent, see Table 1, note 10 for samples to be collected on the same day.
 Principal Executive Officer
 First Name: Andrew
 Last Name: Zimmerman
 No Data Indicator (NODI)
 Form NODI: --

Permittee: NAMPA, CITY OF
 340 WEST RAILROAD STREET
 NAMPA, ID 836871741
 Discharge: 001-C
 Indian Creek
 DMR Due Date: 02/20/18
 Status: NetDMR Validated
 Facility Location:
 NAMPA, CITY OF - NAMPA WWTP
 340 WEST RAILROAD STREET
 NAMPA, ID 83687-8208
 Telephone: 208-468-5840
 Title: Superintendent

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis		Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	
01119	Copper, total recoverable	P - See Comments	0	--	Sample = 0.24	Req Mon MO AVG	26 - lb/d	2.92	Req Mon MO AVG	28 - ug/L	0230 - Twice Per Month	24 - COMP24	
					Permit Req. Value NODI	Req Mon DAILY MX	26 - lb/d		Req Mon DAILY MX	28 - ug/L	0130 - Monthly	24 - COMP24	
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample = 0.00063	Req Mon MO AVG	26 - lb/d	0.0078	Req Mon MO AVG	28 - ug/L	0230 - Twice Per Month	24 - COMP24	
					Permit Req. Value NODI	Req Mon MO AVG	26 - lb/d	0.24 MO AVG	Req Mon MO AVG	28 - ug/L	0130 - Monthly	24 - COMP24	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 NAMPA, CITY OF

Report Last Signed By

User: martineza
 Name: Armando Martinez
 E-Mail: martineza@cityofnampa.us
 Date/Time: 2018-02-20 13:56 (Time Zone: -08:00)
 User: zimmermana
 Name: Andy Zimmerman
 E-Mail: zimmermana@cityofnampa.us
 Date/Time: 2018-02-20 15:07 (Time Zone: -08:00)

DMR Copy of Record

Permit
 Permit #: **ID0022063**
 Major: **Yes**
 Permitted Feature: **001 External Outfall**
 Report Dates & Status: **From 01/01/18 to 01/31/18**
 Monitoring Period: **From 01/01/18 to 01/31/18**
 Considerations for Form Completion: **NetDMR Validated**
 Principal Executive Officer: **Andrew Zimmerman**
 First Name: **Andrew**
 Last Name: **Zimmerman**
 No Data Indicator (NODI): **--**
 Form NODI: **--**
 Facility: **NAMPA, CITY OF - NAMPA WWTP**
 Facility Location: **340 WEST RAILROAD STREET NAMPA, ID 83687-8208**
 Status: **NetDMR Validated**
 Telephone: **208-468-5840**

Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00665 Phosphorus, total (as P)	1 - Effluent Gross	0	--	191	Req Mon MO AVG	200	Req Mon MX WK AV	26 - lb/d	2.34	Req Mon MO AVG	19 - mg/L	03/07	Three Per Week	24 - COMP24
												02/07	Twice Every Week	24 - COMP24

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments

Name	Type	Size
January2018.xlsx	xlsx	16068

Report Last Saved By
NAMPA, CITY OF

User: **martineza**
 Name: **Armando Martinez**
 E-Mail: **martineza@cityofnampa.us**
 Date/Time: **2018-02-20 13:58 (Time Zone: -08:00)**

Report Last Signed By
 User: **zimmermana**
 Name: **Andy Zimmerman**
 E-Mail: **zimmermana@cityofnampa.us**
 Date/Time: **2018-02-20 15:08 (Time Zone: -08:00)**

DMR weekly calculations

Date	Inf tp conc	Eff tss conc	Eff BOD conc	temp C	DO sat %	Eff tp conc
Jan-18	*	*	*	*	*	*
31-Dec	*	*	*	*	*	*
1-Jan	*	7	7	13.5	96	1.90
2-Jan	*			13.1	93	
3-Jan	*	8	8	13.0	95	2.15
4-Jan	*	8	8	13.7	100	
5-Jan	*	8	9	13.6	91	2.12
6-Jan	*	8	9	14.5	94	
7-Jan	*					
8-Jan	*	7	8	14.9	97	2.10
9-Jan	*			14.9	97	
10-Jan	*	10	19	15.0	98	3.05
11-Jan	*	9	11	14.8	98	
12-Jan	*	8	11	15.2	97	2.30
13-Jan	*			15.9	95	
14-Jan	*					
15-Jan	*	8	9	15.1	96	0.90
16-Jan	*			15.3	95	
17-Jan	*	10	11	15.1	97	2.55
18-Jan	*			14.4	94	
19-Jan	*	8	10	14.7	95	1.00
20-Jan	*			14.6	92	
21-Jan	*					
22-Jan	*	11	11	15.0	92	1.75
23-Jan	*			14.2	95	
24-Jan	*	12	10	13.7	97	3.15
25-Jan	*			14.7	99	
26-Jan	*	13	14	13.7	97	2.35
27-Jan	*			14.7	96	
Averages	*					
week 1	*	8	8	13.6	94.8	2.06
week 2	*	9	13	15.1	97.0	2.48
week 3	*	9	10	14.9	94.8	1.48
week 4	*	12	12	14.3	96.0	2.42

1/1/18

Rolling TSS Averages

Month	TSS(mg/L)	TSS(lbs/day)
Oct-17	5	533
	10	1012
	4	440
	4	412
	7	701
	4	371
	7	661
	7	655
	5	475
	5	463
	9	840
	4	364
	3	255
Nov-17	8	766
	7	639
	5	444
	8	678
	9	793
	7	622
	6	547
	7	605
	5	460
	10	867
	4	335
	4	360
12/1/207	10	880
	7	598
	6	515
	6	502
	6	489
	6	496
	8	695
	8	679
	6	516
	9	747
	8	655
	7	536
	11	944
	8	676
Jan-18	7	571
	8	656
	8	638
	7	595
	10	749
	9	728
	8	672
	8	690
	10	792
	8	673
	11	903
	12	1002
	13	1053
	14	1179
	12	966
4 month Average	8	650

LIMITS	mg/L	lb/day
avg monthly	30	4503
avg weekly	45	6755
4 month rolling	17.5	2629

Jan-18

DMR Chlorine Loading

Date	Effluent Flow MGD	lab result Effluent Cl ₂ ug/L	Permit assigned concentration mg/L	Effluent Cl ₂ lbs
1	9.788	<11	0	0
2	10.147	<11	0	0
3	9.830	<11	0	0
4	9.629	<11	0	0
5	9.530	<11	0	0
6	9.537	<11	0	0
7	9.617	<11	0	0
8	10.191	<11	0	0
9	10.380	<11	0	0
10	8.976	<11	0	0
11	9.703	<11	0	0
12	10.067	<11	0	0
13	10.206	<11	0	0
14	9.826	<11	0	0
15	10.342	<11	0	0
16	9.909	<11	0	0
17	9.498	<11	0	0
18	9.999	<11	0	0
19	10.082	<11	0	0
20	9.606	<11	0	0
21	9.678	<11	0	0
22	9.840	<11	0	0
23	9.694	<11	0	0
24	10.014	<11	0	0
25	9.794	<11	0	0
26	9.713	<11	0	0
27	9.795	<11	0	0
28	9.822	<11	0	0
29	10.095	<11	0	0
30	9.879	<11	0	0
31	9.648	<11	0	0
DMR REPORTED VALUE			<0.011 mg/L	0

Permit assigned concentration as per Section I. B. 7; Effluent Cl₂ pounds calculated using permit assigned concentration

Concentrations less than MDL= assign 0 mg/L
 Concentrations between MDL and ML= assign MDL mg/L

ML = 0.10 mg/L
 MDL = 0.011 mg/L

1/1/2018

Parameter	Date of Sample Collection	Result Value	Analytical Method	Detection/Quantification Level	Remarks
Total Residual Chlorine	1/1/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/2/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/3/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/4/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/5/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/6/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/7/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/8/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/9/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/10/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/11/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/12/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/13/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/14/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/15/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/16/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/17/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/18/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/19/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/20/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/21/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/22/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/23/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/24/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/25/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/26/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/27/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/28/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/29/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/30/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Total Residual Chlorine	1/31/2018	<0.011	SM4500CI G-2000	0.011 mg/L	
Temperature	1/1/2018	13.5	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/2/2018	13.1	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/3/2018	13	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/4/2018	13.7	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/5/2018	13.6	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/6/2018	14.5	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/8/2018	14.9	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/9/2018	14.9	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/10/2018	15	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/11/2018	14.8	SM2550 B-2010	0.2° C Calibrated Accuracy	
Temperature	1/12/2018	15.2	SM2550 B-2010	0.2° C Calibrated Accuracy	

Temperature	1/13/2018	15.9	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/15/2018	15.1	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/16/2018	15.3	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/17/2018	15.1	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/18/2018	14.4	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/19/2018	14.7	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/20/2018	14.6	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/22/2018	15	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/23/2018	14.2	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/24/2018	13.7	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/25/2018	14.7	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/26/2018	13.7	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/27/2018	14.7	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/29/2018	15.4	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/30/2018	15.4	SM2550 B-2010	0.2° C Calibrated Accuracy
Temperature	1/31/2018	15.1	SM2550 B-2010	0.2° C Calibrated Accuracy
Total Ammonia as N	1/1/2018	0.0514	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/3/2018	0.0464	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/5/2018	0.0527	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/8/2018	0.0568	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/10/2018	1.58	SM4500NH3 D-1997	1.00 mg/L
Total Ammonia as N	1/11/2018	0.0553	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/12/2018	0.0958	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/15/2018	0.1340	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/17/2018	0.0621	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/19/2018	0.0700	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/22/2018	0.0712	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/24/2018	0.0607	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/26/2018	0.0720	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	1/29/2018	0.0755	SM4500NH3 E-1998	0.0948 mg/L
Total Ammonia as N	1/31/2018	0.0771	SM4500NH3 E-1999	0.0948 mg/L
Total Phosphorous as P	1/1/2018	1.90	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/3/2018	2.15	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/5/2018	2.12	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/8/2018	2.10	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/10/2018	3.05	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/12/2018	2.30	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/15/2018	0.90	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/17/2018	2.55	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/19/2018	1.00	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/22/2018	1.75	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/24/2018	3.15	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/26/2018	2.35	EPA 365.3	0.02 mg/L
Total Phosphorous as P	1/29/2018	3.70	EPA 365.3	0.02 mg/L

Total Phosphorous as P

1/31/2018

3.70

EPA 365.3

0.02 mg/L

E. coli	1/1/2018	22.6	SM9223 B-2004	1 organism per 100 mL
E. coli	1/3/2018	16.0	SM9223 B-2004	1 organism per 100 mL
E. coli	1/5/2018	42.0	SM9223 B-2004	1 organism per 100 mL
E. coli	1/8/2018	20.3	SM9223 B-2004	1 organism per 100 mL
E. coli	1/10/2018	25.6	SM9223 B-2004	1 organism per 100 mL
E. coli	1/12/2018	5.0	SM9223 B-2004	1 organism per 100 mL
E. coli	1/15/2018	14.6	SM9223 B-2004	1 organism per 100 mL
E. coli	1/17/2018	19.3	SM9223 B-2004	1 organism per 100 mL
E. coli	1/19/2018	14.6	SM9223 B-2004	1 organism per 100 mL
E. coli	1/22/2018	8.6	SM9223 B-2004	1 organism per 100 mL
E. coli	1/24/2018	8.5	SM9223 B-2004	1 organism per 100 mL
E. coli	1/26/2018	8.5	SM9223 B-2004	1 organism per 100 mL
E. coli	1/29/2018	7.5	SM9223 B-2004	1 organism per 100 mL
E. coli	1/31/2018	18.7	SM9223 B-2004	1 organism per 100 mL

Dissolved Oxygen

1/1/2018

9.10

Hach 10360v1.2-2011

Dissolved Oxygen	1/1/2018	9.10	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/2/2018	9.12	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/3/2018	9.20	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/4/2018	9.50	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/5/2018	8.60	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/6/2018	8.78	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/8/2018	8.97	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/9/2018	8.90	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/10/2018	9.11	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/11/2018	9.10	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/12/2018	9.07	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/13/2018	8.70	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/15/2018	8.92	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/16/2018	8.87	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/17/2018	9.10	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/18/2018	8.87	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/19/2018	8.82	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/20/2018	8.56	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/22/2018	8.63	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/23/2018	9.00	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/24/2018	9.11	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/25/2018	9.10	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/26/2018	9.20	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/27/2018	9.00	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/29/2018	8.87	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/30/2018	8.89	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy
Dissolved Oxygen	1/31/2018	9.47	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy

2018		January Temperature Monitoring											
		Out Fall				Upstream				Downstream			
January	C°	Daily		Seven-day running average of the daily instantaneous maximum	C°	Daily		Seven-day running average of the daily instantaneous maximum	C°	Daily		Seven-day running average of the daily instantaneous maximum	C°
		Maximum	Instantaneous			Maximum	Instantaneous			Maximum	Instantaneous		
1	14.48	14.70	14.65	8.36	8.99	9.18	10.33	11.18	11.26				
2	14.30	14.41	14.69	8.23	8.79	9.24	10.30	10.96	11.31				
3	14.30	14.48	14.72	8.32	8.89	9.20	10.34	11.01	11.30				
4	14.37	14.48	14.72	8.38	9.02	9.23	10.45	11.05	11.31				
5	14.58	14.82	14.72	9.26	9.90	9.25	11.06	11.78	11.33				
6	15.00	15.13	14.73	9.98	10.42	9.30	11.71	12.51	11.40				
7	14.88	15.10	14.73	9.39	9.83	9.41	11.27	11.81	11.47				
8	14.85	15.03	14.78	9.93	10.59	9.63	11.65	12.44	11.65				
9	15.11	15.22	14.89	10.34	10.86	9.93	11.89	12.36	11.85				
10	15.25	15.46	15.03	10.34	10.81	10.20	11.81	12.65	12.09				
11	15.10	15.34	15.16	10.30	10.59	10.43	11.82	12.34	12.27				
12	15.09	15.46	15.25	10.84	11.61	10.67	12.30	13.02	12.45				
13	15.48	15.70	15.33	10.57	11.18	10.78	12.29	13.02	12.52				
14	15.38	15.53	15.39	10.25	10.86	10.93	12.02	12.80	12.66				
15	15.17	15.32	15.43	10.11	10.88	10.97	11.90	12.75	12.71				
16	15.22	15.41	15.46	10.31	10.81	10.96	12.02	12.53	12.73				
17	15.14	15.32	15.44	10.48	10.98	10.99	12.05	12.51	12.71				
18	14.98	15.06	15.40	10.74	11.18	11.07	12.19	12.58	12.74				
19	15.00	15.20	15.36	10.23	10.93	10.97	11.83	12.51	12.67				
20	14.85	14.98	15.26	9.73	10.30	10.85	11.54	12.27	12.56				
21	14.88	14.96	15.18	9.62	10.30	10.77	11.43	12.22	12.48				
22	14.88	15.06	15.14	10.23	10.93	10.77	11.88	12.56	12.45				
23	14.83	14.94	15.07	9.71	10.22	10.69	11.56	12.00	12.38				
24	14.38	14.65	14.98	9.78	10.10	10.56	11.42	11.86	12.28				
25	14.47	14.72	14.93	10.23	10.86	10.52	11.73	12.32	12.25				
26	14.84	15.01	14.90	10.18	10.76	10.50	11.81	12.44	12.24				
27	14.81	14.91	14.89	9.92	10.22	10.48	11.63	12.07	12.21				
28	14.90	15.15	14.92	10.73	11.59	10.67	12.21	13.02	12.32				
29	15.32	15.46	14.98	11.11	11.44	10.74	12.66	13.16	12.41				
30	15.49	15.63	15.08	11.34	12.03	11.00	12.84	13.35	12.60				
31	15.26	15.39	15.18	10.69	11.18	11.15	12.30	13.04	12.77				
Monthly Max	15.49	15.70	15.46	11.34	12.03	11.15	12.84	13.35	12.77				