DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** Indian Creek		
Report Dates & Status					
Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
O=Effluent, 4 month rolling avg. limits; P=Effluent, See Table 1, note 10 for samples to be collected on the same day; Q=Effluent, See Permit Part 1.B.8 for sampling procedures; R=Effluent; full narrative description in Permit Part I.B.3; S=Effluent; soluble reactive Phosphorus					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	P - See Comments	0	--	Sample								=	950.2	=	950.2	11 - umho/cm		01/30 - Monthly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	11 - umho/cm	0	01/30 - Monthly	24 - COMP24
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	8.01					19 - mg/L		06/07 - Six Every Week	GR - GRAB
					Permit Req.						>=	6 INST MIN					19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
					Value NODI															
00301	Oxygen, dissolved percent saturation	1 - Effluent Gross	0	--	Sample								=	103	=	102	23 - %		06/07 - Six Every Week	CA - CALCTD
					Permit Req.								>=	90 MO AV MN	>=	80 MN WK AV	23 - %	0	05/WK - Five Per Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	504	=	548	26 - lb/d			=	5	=	5	19 - mg/L		03/07 - Three Per Week	24 - COMP24
					Permit Req.	<=	4504 MO AVG	<=	6755 WKLY AVG	26 - lb/d			<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample								=	226			19 - mg/L		03/07 - Three Per Week	24 - COMP24
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00400	pH	P - See Comments	0	--	Sample						=	7.4			=	7.6	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.5 INST MIN			<=	9 INST MAX	12 - SU	0	05/WK - Five Per Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	596	=	670	26 - lb/d			=	6	=	7	19 - mg/L		03/07 - Three Per Week	24 - COMP24
					Permit Req.	<=	4503 MO AVG	<=	6755 WKLY AVG	26 - lb/d			<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	198			19 - mg/L		03/07 - Three Per Week	24 - COMP24
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24
					Value NODI															
00530	Solids, total suspended	O - See Comments	0	--	Sample			=	671	26 - lb/d					=	6.71	19 - mg/L		03/07 - Three Per Week	CA - CALCTD
					Permit Req.			<=	2629 ROLL AVG	26 - lb/d					<=	17.5 ROLL AVG	19 - mg/L	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	6.6	=	9.8	26 - lb/d			=	0.07	=	0.1	19 - mg/L		02/07 - Twice Every Week	24 - COMP24
					Permit Req.	<=	197 MO AVG	<=	739 DAILY MX	26 - lb/d			<=	1.31 MO AVG	<=	4.92 DAILY MX	19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample								=	1.49	=	1.49	19 - mg/L		01/30 - Monthly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample								=	14.9	=	14.9	19 - mg/L		01/30 - Monthly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample								=	4.62	=	4.75	19 - mg/L		02/07 - Twice Every Week	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															
00681	Carbon, dissolved organic [as C]	P - See Comments	0	--	Sample								=	7.01	=	7.01	19 - mg/L		01/30 - Monthly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															
00718	Cyanide, weak acid, dissociable	Q - See Comments	0	--	Sample	=	0.41	=	0.41	26 - lb/d			=	4.13	=	4.13	28 - ug/L		01/30 - Monthly	CG - CMPGRB
					Permit Req.	<=	1.5 MO AVG	<=	1.5 DAILY MX	26 - lb/d			<=	10 MO AVG	<=	10 DAILY MX	28 - ug/L	0	01/30 - Monthly	CG - CMPGRB
					Value NODI															
00900	Hardness, total [as CaCO3]	P - See Comments	0	--	Sample								=	168	=	168	19 - mg/L		01/30 - Monthly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															

04157	Phosphorus [reactive as P]	S - See Comments	0	--	Sample									=	0.04	=	0.04	19 - mg/L		01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Value NODI																
31648	E. coli, MTEC-MF	1 - Effluent Gross	0	--	Sample									=	15.8	=	48	13 - #/100mL		13/30 - 13 Per Month	GR - GRAB
					Permit Req.									<=	126 MO GEOMN	<=	576 INST MAX	13 - #/100mL	0	10/30 - Ten Per Month	GR - GRAB
					Value NODI																
45613	Floating solids, waste or visible foam-visual	R - See Comments	0	--	Sample			=	0	9P - N=0;Y=1										01/30 - Monthly	VI - VISUAL
					Permit Req.			<=	0 MO MAX	9P - N=0;Y=1									0	01/30 - Monthly	VI - VISUAL
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	12	=	12.7	03 - MGD										99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI																
71900	Mercury, total [as Hg]	G - Raw Sewage Influent	0	--	Sample									=	0.0524	=	0.0524	28 - ug/L		01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Value NODI																
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample						=	97.8						23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85 MO AV MN						23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	97						23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.						>=	85 MO AV MN						23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI																

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
WASeptember2019.xlsx	xlsx	17535
RollingTSSSeptember2019.xls	xls	40960
OnePerLineSeptember2019.xlsx	xlsx	17948

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:29 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:29 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-B1** Indian Creek : start 11/01/2017		

Report Dates & Status

Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample	=	0.37	=	1.17	26 - lb/d			=	4	=	11	28 - ug/L		01/01 - Daily	GR - GRAB
					Permit Req.	<=	7.5 MO AVG	<=	7.5 DAILY MX	26 - lb/d			<=	50 MO AVG	<=	50 DAILY MX	28 - ug/L	0	05/WK - Five Per Week	GR - GRAB
					Value NODI															

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
ChlorineLoadingSeptember2019.xls	xls	36864

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:30 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:31 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-B2** Indian Creek - Temp. start 11/01/2017		

Report Dates & Status

Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**

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

First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	Q - See Comments	0	--	Sample						=	22.6	=	22.7	=	22.8	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							Req Mon MX DA AV		Req Mon MX 7D AV		Req Mon INST MAX	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															

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
Outfall1September2019.xlsx	xlsx	22506

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:34 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:35 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-C** Indian Creek		

Report Dates & Status

Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**

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:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01119	Copper, total recoverable	P - See Comments	0	--	Sample	=	0.15	=	0.15	26 - lb/d			=	1.5	=	1.5	28 - ug/L		01/30 - Monthly	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample	=	0.0002			26 - lb/d			=	0.002			28 - ug/L		01/30 - Monthly	24 - COMP24
					Permit Req.	<=	.0036 MO AVG			26 - lb/d			<=	.024 MO AVG			28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:33 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:37 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-C1** Indian Creek - Phosphorus		
Report Dates & Status					
Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	30.5	=	31.8	26 - lb/d			=	0.3	=	0.32	19 - mg/L		03/07 - Three Per Week	24 - COMP24
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	0	02/07 - Twice Every Week	24 - COMP24
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:34 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:40 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	001 External Outfall	**Discharge:**	**001-D** Indian Creek		

Report Dates & Status

Monitoring Period:	**From 10/01/18 to 09/30/19**	**DMR Due Date:**	**11/01/19**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Q=Effluent, May-Sep Seasonal Avg Limit, Report on Sep DMR

Principal Executive Officer

First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00665	Phosphorus, total [as P]	Q - See Comments	0	--	Sample	=	45.4			26 - lb/d			=	0.45			19 - mg/L		01/YR - Annual	CA - CALCTD
					Permit Req.	<=	961 AVERAGE			26 - lb/d			<=	6.4 AVERAGE			19 - mg/L	0	01/YR - Annual	CA - CALCTD
					Value NODI															

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
TPseasonalMaySep2019.xlsx	xlsx	16775

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:16 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:17 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-A1** Indian Creek, Upstream		
Report Dates & Status					
Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	5 - Upstream Monitoring	0	--	Sample								=	19.4	=	19.7	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MO AVG		Req Mon INST MAX	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															

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
Upstream1Septerber2019.xlsx	xlsx	23987

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:35 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:43 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-A2** Indian Creek, Upstream		
Report Dates & Status					
Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00061	Stream flow, instantaneous	5 - Upstream Monitoring	0	--	Sample						=	51.3					08 - cfs		01/07 - Weekly	GR - GRAB
					Permit Req.							Req Mon INST MIN					08 - cfs	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00070	Turbidity	5 - Upstream Monitoring	0	--	Sample										=	6.97	43 - NTU		01/07 - Weekly	GR - GRAB
					Permit Req.											Req Mon INST MAX	43 - NTU	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	5 - Upstream Monitoring	0	--	Sample										<	2	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00600	Nitrogen, total [as N]	5 - Upstream Monitoring	0	--	Sample										=	2.5	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	5 - Upstream Monitoring	0	--	Sample										=	250	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
32230	Chlorophyll A	5 - Upstream Monitoring	0	--	Sample										<	0.32	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:37 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:44 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-B1** Indian Creek, Downstream		

Report Dates & Status

Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	6 - Downstream Monitoring	0	--	Sample								=	20.4	=	20.8	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MO AVG		Req Mon INST MAX	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															

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
downstreamSeptember2019.xlsx	xlsx	22625

Report Last Saved By

NAMPA, CITY OF

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:38 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:46 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-B2** Indian Creek, Downstream		
Report Dates & Status					
Monitoring Period:	**From 09/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00070	Turbidity	6 - Downstream Monitoring	0	--	Sample										=	5.71	43 - NTU		01/07 - Weekly	GR - GRAB
					Permit Req.											Req Mon INST MAX	43 - NTU	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00600	Nitrogen, total [as N]	6 - Downstream Monitoring	0	--	Sample										=	6.93	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00665	Phosphorus, total [as P]	6 - Downstream Monitoring	0	--	Sample										=	210	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00900	Hardness, total [as CaCO3]	6 - Downstream Monitoring	0	--	Sample										=	130	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
32230	Chlorophyll A	6 - Downstream Monitoring	0	--	Sample										<	0.32	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:40 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:50 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-Q** Indian Creek, Upstream		
Report Dates & Status					
Monitoring Period:	**From 07/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
P=Upstream, all oxidation states					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00978	Arsenic, total recoverable	5 - Upstream Monitoring	0	--	Sample										=	4.48	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01025	Cadmium, dissolved [as Cd]	5 - Upstream Monitoring	0	--	Sample										=	0.0274	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01030	Chromium, dissolved [as Cr]	P - See Comments	0	--	Sample										=	0.551	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01040	Copper, dissolved [as Cu]	5 - Upstream Monitoring	0	--	Sample										=	2.86	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01049	Lead, dissolved [as Pb]	5 - Upstream Monitoring	0	--	Sample										=	0.874	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01065	Nickel, dissolved [as Ni]	5 - Upstream Monitoring	0	--	Sample										=	1.02	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01075	Silver, dissolved [as Ag]	5 - Upstream Monitoring	0	--	Sample										<	0.015	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01090	Zinc, dissolved [as Zn]	5 - Upstream Monitoring	0	--	Sample										=	11.1	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01220	Chromium, hexavalent dissolved [as Cr]	5 - Upstream Monitoring	0	--	Sample										=	0.13	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
71901	Mercury, total recoverable	5 - Upstream Monitoring	0	--	Sample										=	3.13	3M - ng/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	3M - ng/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us

Date/Time:	2019-10-18 14:46 (Time Zone: -06:00)
Report Last Signed By	
User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:51 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**ID0022063**	**Permittee:**	NAMPA, CITY OF	**Facility:**	NAMPA, CITY OF - NAMPA WWTP
Major:	Yes	**Permittee Address:**	340 WEST RAILROAD STREET NAMPA, ID 836871741	**Facility Location:**	340 WEST RAILROAD STREET NAMPA, ID 83687-8208
Permitted Feature:	REC External Outfall	**Discharge:**	**REC-R** Indian Creek, Downstream		
Report Dates & Status					
Monitoring Period:	**From 07/01/19 to 09/30/19**	**DMR Due Date:**	**10/20/19**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Shannon	**Title:**	Assistant Superintendent	**Telephone:**	208-468-5840
Last Name:	Johnson				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	6 - Downstream Monitoring	0	--	Sample										=	620.9	11 - umho/cm		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	11 - umho/cm	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
00681	Carbon, dissolved organic [as C]	6 - Downstream Monitoring	0	--	Sample										=	4.93	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon INST MAX	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

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

User:	MARTINEZA
Name:	Armando Martinez
E-Mail:	martineza@cityofnampa.us
Date/Time:	2019-10-18 14:43 (Time Zone: -06:00)

Report Last Signed By

User:	JOHNSONS@CITYOFNAMPA.US
Name:	Shannon Johnson
E-Mail:	johnsons@cityofnampa.us
Date/Time:	2019-10-18 14:53 (Time Zone: -06:00)

Sep-19

NAMPA WASTEWATER DIVISION

		INFLUENT															*	Effluent						EFFLUENT								SHEET 1		
Date	Flow MGD	BOD mg/L	COD mg/L	TSS mg/L	NH3-N mg/L	TKN mg/L	pH s.u.	BOD lbs/day	TSS lbs/day	NH3-N lbs/day	TKN lbs/day	Copper µg/L	Mercury µg/L	Ortho P mg/L	Total P mg/L	Total P lbs	Alkalinity mg/L	*	Flow MGD	BOD mg/L	TSS mg/L	NH3-N mg/L	TKN mg/L	pH s.u.	BOD lbs/day	TSS lbs/day	NH3-N lbs/day	TKN lbs/day	Ortho P mg/L	Total P mg/L	Total P lbs	Date
1	10.797						7.7											*																1
2	11.242	210	524	196			7.8	19689	18377									*	11.263					7.5									2
3	11.174		452		31.8	35.2	7.8			2963	3280						304	*	11.789	4	5	0.067		7.6	393	492	6.6			0.27	26.5	3
4	11.241	215	480	192			7.6	20156	18000			25.5	0.0524	2.20	4.70	441		*	11.330					7.4									4
5	11.346		479		22.5	34.5	7.6			2129	3265						300	*	11.971	3	7	0.0722	1.49	7.5	300	699	7.2	149	0.04	0.27	27.0	5
6	11.280	279	537	240			7.6	26247	22578						4.80	452		*	11.769					7.6									6
7	11.345						7.6											*	12.139	4	4	0.06		7.6	405	405	6.1			0.26	26.3	7
8	11.740						7.6											*	11.658					7.6									8
9	11.535	196	522	177			7.8	18856	17028									*	12.710					7.5									9
10	11.641		482		32.8	33.4	7.6			3184	3243						308	*	12.097	3	6	0.0850		7.4	303	605	8.6			0.31	31.3	10
11	11.347	207	414	182			7.7	19589	17223					2.50	4.15	393		*	12.284					7.5									11
12	11.407		507		23.1	34.1	7.5			2198	3244						303	*	12.033	5	6	0.0975		7.5	502	602	9.8			0.31	31.1	12
13	11.074	242	507	206			7.5	22350	19026						5.30	489		*	11.814					7.5									13
14	11.177						7.7											*	11.649	7	6	0.05996		7.6	680	583	5.8			0.34	33.0	14
15	11.661						7.7											*	11.754					7.6									15
16	11.611	227	444	198			7.7	21982	19173									*	12.195					7.6									16
17	11.386		473		27.5	33.3	7.6			2611	3162						294	*	12.366	6	6	0.05869		7.5	619	619	6.1			0.31	32.0	17
18	11.432	218	444	184			7.7	20785	17543					2.20	4.10	391		*	12.163					7.5									18
19	11.477		455		25.1	34.6	7.8			2403	3312						300	*	12.479	5	4	0.06125		7.6	520	416	6.4			0.28	29.1	19
20	11.310	266	593	208			7.8	25091	19620						4.70	443		*	12.400					7.5									20
21	11.555						7.6											*	12.121	5	6	0.0547		7.6	505	607	5.5			0.30	30.3	21
22	11.924						7.7											*	12.069					7.6									22
23	11.715	210	425	186			7.6	20518	18173									*	12.563					7.6									23
24	11.514		446		19.0	33.6	7.6			1825	3226						298	*	12.291	6	7	0.0585		7.6	615	718	6.0			0.34	34.9	24
25	11.554	237	503	194			7.6	22837	18694					2.30	4.90	472		*	11.812					7.5									25
26	11.492		409		15.5	34.5	7.6			1486	3307						306	*	12.025	5	7	0.0510		7.6	501	702	5.1			0.23	23.1	26
27	11.594	213	471	194			7.8	20596	18759						4.30	416		*	11.988					7.6									27
28	11.550						7.7											*	11.808	5	6	0.06297		7.6	492	591	6.2			0.30	29.5	28
29	12.095						7.7											*	12.169					7.5									29
30	11.743	213	472	211			7.7	20861	20665									*	12.449					7.6									30
31																		*	12.257	7	7	0.06557		7.5	716	716	6.7			0.41	41.9	31
TOT	343.959																	*															TOT
MIN	10.797	196	409	177	15.5	33.3	7.5	18856	17028	1486	3162			2.20	4.10	391	294	*	361.415														MIN
MAX	12.095	279	593	240	32.8	35.2	7.8	26247	22578	3184	3312			2.50	5.30	489	308	*	11.263	3	4	0.05	1.49	7.4	300	405	5.1			0.23	23.1	MAX
AVE	11.465	226	478	198	24.7	34.2		21504	18835	2350	3255	25.5	0.052	2.30	4.62	437	302	*	12.710	7	7	0.10	1.49	7.6	716	718	9.8			0.41	41.9	AVE
LBS																		*	12.047	5	6	0.07	1.49		504	596	6.6	149	0.04	0.30	30.5	LBS

DMR	Removal %
BOD	TSS
97.78%	97.00%

DMR	NH3 Seasonal	
season	mar-nov	dec-feb
mg/L	1.31	1.41
lb/day	197	212

DMR	TP Seasonal	
season	may-sep	oct-apr
lb/day	15	52.6

Sep-19

NAMPA WASTEWATER DIVISION

SHEET 2

Date	Temp °c	Barometric Pressure	D.O. mg/L	D.O. Satur-ation %	Chlorine Residual µg/L	EFFLUENT E.coli #/100mL 576 max	Process Hypochlorite Gals	Bisulfite Gals	Conductivity µmhos/cm	NO2-NO3 mg/L	DOC mg/L	Hardness mg/L CaCO3	Turb NTU	EFFLUENT Arsenic µg/L	EFFLUENT Cadmium µg/L	EFFLUENT Chrominum µg/L	EFFLUENT Copper µg/L	EFFLUENT Lead µg/L	EFFLUENT Mercury µg/L	EFFLUENT Silver µg/L	EFFLUENT Nickel µg/L	EFFLUENT Zinc µg/L	EFFLUENT WAD Cyanide µg/L	Date
1					16		572	114																1
2	23.0	27.46	8.02	102	<11	14.6	660	115																2
3	23.0	27.46	8.10	103	<11		516	116																3
4	23.3	27.40	8.08	103	<11	8.6	529	95	950.2	14.9	7.01	168					1.5		0.00175				4.13	4
5	23.8	27.43	8.01	104	<11		463	115																5
6	23.5	27.55	8.08	105	13	13.4	625	118																6
7	23.1	27.40	8.04	102	<11		657	135																7
8					23		739	121																8
9	22.0	27.37	8.20	103	<11	11.8	728	109																9
10	21.9	27.34	8.28	104	11		798	137																10
11	22.1	27.55	8.20	103	<11	19.7	581	106																11
12	22.4	27.67	8.20	103	<11		586	115																12
13	22.5	27.52	8.26	104	<11	14.5	492	113																13
14	22.7	27.40	8.03	102	<11		498	116																14
15					24		532	106																15
16	21.9	27.20	8.16	103	<11	8.5	554	112																16
17	21.5	27.49	8.26	104	<11		542	130																17
18	21.0	27.37	8.22	101	<11	19.7	590	130																18
19	21.6	27.37	8.30	104	<11		679	135																19
20	21.3	27.43	8.15	100	<11	48.0	485	129																20
21	21.4	27.52	8.20	100	<11		743	134																21
22					20		703	130																22
23	21.9	27.61	8.30	103	29	16.1	803	128																23
24	21.1	27.58	8.30	103	27		739	148																24
25	21.9	27.58	8.30	101	<11	21.3	604	140																25
26	22.0	27.29	8.17	103	23		817	140																26
27	21.7	27.26	8.30	105	<11	9.6	819	143																27
28	20.8	27.11	8.32	103	<11		844	156																28
29					25		722	130																29
30	20.3	27.40	8.45	101	<11	25.6	790	155																30
31																								31
TOT							19410	3771																TOT
MIN	20.3	27.1	8.01	100	*	8.50	463	95																MIN
MAX	23.8	27.7	8.45	105	*	48.0	844	156																MAX
AVE	22.1	27.4	8.20	103	*	15.8	647	126	950	14.9	7.0	168					1.50		0.00175				4.13	AVE
LBS																	0.14976		0.00017				0.41233	LBS

DMR	Cl Seasonal	
season	mar-nov	dec-feb
ug/L	9.2	9.6
lb/day	1.4	1.4

*100ug/L is limit until Oct. 2017 limit is 50 ug/L after

DMR	Cu Seasonal	
season	apr-oct	nov-mar
ug/L	10.7	17.8
lb/day	1.61	2.67

*Copper limits are not effective until October 2026

DMR	CN Seasonal	
season	mar-nov	dec-feb
ug/L	4.75	4.96
lb/day	0.713	0.745

* CN limit is 10 ug/L due to method limitations

DMR	Hg Seasonal	
season	mar-nov	dec-feb
ug/L	0.011	0.011
lb/day	0.0017	0.0017

Sep-19

NAMPA WASTEWATER DIVISION

Sheet 3

INDIAN CREEK UPSTREAM

Date	FLOW cfs	FLOW mgd	B.O.D. mg/L	T.S.S. mg/L	pH s.u.	D.O. mg/L	Temp °c	Chlorophyll A ug/L	NH3-N mg/L	NO2-NO3 mg/L	TKN mg/L	Total N mg/L	Total Phos µg/L	DOC mg/L	Hardness mg/L CaCO3	Conductivity µmhos/cm	Turbidity NTU	Arsenic µg/L	Cadmium µg/L	Chrominum µg/L	Copper µg/L	Lead µg/L	Mercury µg/L	Nickel µg/L	Zinc µg/L	Date
1																									1
2																									2
3			<2					<0.32		2.02	0.48	2.50	250				6.97									3
4	51.25	33.1																							4
5																									5
6																									6
7																									7
8																									8
9																									9
10																	5.56								10
11	61.96	40.0																							11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18	79.3	51.2															6.14								18
19																									19
20																									20
21																									21
22																									22
23																									23
24	56.29	36.4															4.37								24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
TOT		160.8																							TOT
MIN	51.3	33.1															4.37								MIN
MAX	79.3	51.2															6.97								MAX
AVE	62.2	40.2															5.76								AVE

Sep-19

NAMPA WASTEWATER DIVISION

Sheet 4

INDIAN CREEK DOWNSTREAM

Date	B.O.D. mg/L	T.S.S. mg/L	pH s.u.	D.O. mg/L	Temp °c	Chlorophyll A ug/L	NH3-N mg/L	NO2-NO3 mg/L	TKN mg/L	Total N mg/L	Total Phos µg/L	DOC mg/L	Hardness mg/L CaCO3	Conductivity µmhos/cm	Turbidity NTU	Arsenic µg/L	Cadmium µg/L	Chrominum µg/L	Copper µg/L	Lead µg/L	Mercury µg/L	Nickel µg/L	Zinc µg/L	Date
1																								1
2																								2
3						<0.32		6.11	0.82	6.93	210		130		5.71									3
4																								4
5																								5
6																								6
7																								7
8																								8
9																								9
10																								10
11															5.32									11
12																								12
13																								13
14																								14
15																								15
16																								16
17																								17
18															4.07									18
19																								19
20																								20
21																								21
22																								22
23																								23
24																								24
25															3.81									25
26																								26
27																								27
28																								28
29																								29
30																								30
31																								31
TOT																								TOT
MIN															3.81									MIN
MAX															5.71									MAX
AVE															4.73									AVE

DMR weekly calculations

Sep-19	Inf tp	Eff tss		Eff BOD		temp	DO sat	Eff tp		Eff OP
Date	conc	conc	lbs	conc	lbs	C	%	conc	lbs	conc
1-Sep										
2-Apr		5	492	4	393	23.0	102	0.27	26.5	
3-Apr						23.0	103			
4-Apr	4.70	7	699	3	300	23.3	103	0.27	27.0	0.04
5-Apr						23.8	104			
6-Apr	4.80	4	405	4	405	23.5	105	0.26	26.3	
7-Apr						23.1	102			
8-Apr										
9-Apr		6	605	3	303	22.0	103	0.31	31.3	
10-Apr						21.9	104			
11-Apr	4.15	6	602	5	502	22.1	103	0.31	31.1	
12-Apr						22.4	103			
13-Apr	5.30	6	583	7	680	22.5	104	0.34	33.0	
14-Apr						22.7	102			
15-Apr										
16-Apr		6	619	6	619	21.9	103	0.31	32.0	
17-Apr						21.5	104			
18-Apr	4.10	4	416	5	520	21.0	101	0.28	29.1	
19-Apr						21.6	104			
20-Apr	4.70	6	607	5	505	21.3	100	0.30	30.3	
21-Apr						21.4	100			
22-Apr										
23-Apr		7	718	6	615	21.9	103	0.34	34.9	
24-Apr						21.1	103			
25-Apr	4.90	7	702	5	501	21.9	101	0.23	23.1	
26-Apr						22.0	103			
27-Apr	4.30	6	591	5	492	21.7	105	0.30	29.5	
28-Apr						20.8	103			
Averages										
week 1	4.75	5	532	4	366	23.3	103	0.27	26.6	0.04
week 2	4.73	6	597	5	495	22.3	103	0.32	31.8	
week 3	4.40	5	547	5	548	21.5	102	0.30	30.5	
week 4	4.60	7	670	5	536	21.6	103	0.29	29.2	

Sep-19

DMR Chlorine Loading

**********	Date	Effluent Flow MGD	lab result Effluent Cl_2 ug/L	Permit assigned concentration mg/L	Effluent Cl_2 lbs	**********
**********	1	11.263	**16**	0.011	1.03	**********
**********	2	11.789	**<11**	0	0	**********
**********	3	11.33	**<11**	0	0	**********
**********	4	11.971	**<11**	0	0	**********
**********	5	11.769	**<11**	0	0	**********
**********	6	12.139	**13**	0.011	1.11	**********
**********	7	11.658	**<11**	0	0	**********
**********	8	12.71	**23**	0.011	1.17	**********
**********	9	12.097	**<11**	0	0	**********
**********	10	12.284	**11**	0.011	1.13	**********
**********	11	12.033	**<11**	0	0	**********
**********	12	11.814	**<11**	0	0	**********
**********	13	11.649	**<11**	0	0	**********
**********	14	11.754	**<11**	0	0	**********
**********	15	12.195	**24**	0.011	1.12	**********
**********	16	12.366	**<11**	0	0	**********
**********	17	12.163	**<11**	0	0	**********
**********	18	12.479	**<11**	0	0	**********
**********	19	12.4	**<11**	0	0	**********
**********	20	12.121	**<11**	0	0	**********
**********	21	12.069	**<11**	0	0	**********
**********	22	12.563	**20**	0.011	1.15	**********
**********	23	12.291	**29**	0.011	1.13	**********
**********	24	11.812	**27**	0.011	1.08	**********
**********	25	12.025	**<11**	0	0	**********
**********	26	11.988	**23**	0.011	1.10	**********
**********	27	11.808	**<11**	0	0	**********
**********	28	12.169	**<11**	0	0	**********
**********	29	12.449	**25**	0.011	1.14	**********
**********	30	12.257	**<11**	0	0	**********
**********	31					**********
				0.004	**0.37**	**AVERAGE**

DMR REPORTED VALUE

Permit assigned concentration as per Section I. B. 7; Effluent Cl_2 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

9/1/19

Rolling TSS Ave

Month	TSS(mg/L)	TSS(lbs/day)
Jun-19	6	640
	4	427
	3	313
	6	607
	9	948
	8	819
	9	920
	7	709
	8	795
	12	1218
	13	1285
Jul-19	21	2087
	12	1202
	7	664
	7	705
	5	515
	6	594
	6	605
	8	813
	6	583
	6	597
	5	502
	5	490
	4	412
	2	212
Aug-19	5	471
	4	387
	8	897
	6	581
	5	493
	6	573
	6	565
	6	581
	6	596
	6	558
	6	566
	10	957
	6	574
Sep-19	5	492
	7	699
	4	405
	6	605
	6	602
	6	583
	6	619
	4	416
	6	607
	7	718
	7	702
	6	591
	7	716
4 month Average	6.71	671

9/1/2019

Parameter	Date of Sample Collection	Result Value	Analytical Method	Detection/Quantification Level	Remarks
Total Residual Chlorine	9/1/2019	16	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/2/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/3/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/4/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/5/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/6/2019	13	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/7/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/8/2019	23	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/9/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/10/2019	11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/11/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/12/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/13/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/14/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/15/2019	24	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/16/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/17/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/18/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/19/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/20/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/21/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/22/2019	20	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/23/2019	29	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/24/2019	27	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/25/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/26/2019	23	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/27/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/28/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/29/2019	25	SM4500Cl G-2000	0.011 mg/L	
Total Residual Chlorine	9/30/2019	<11	SM4500Cl G-2000	0.011 mg/L	
Temperature	9/2/2019	23	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/3/2019	23	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/4/2019	23.3	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/5/2019	23.8	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/6/2019	23.5	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/7/2019	23.1	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/9/2019	22.0	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/10/2019	21.9	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/11/2019	22.1	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/12/2019	22.4	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/13/2019	22.5	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/14/2019	22.7	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/16/2019	21.9	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/17/2019	21.5	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/18/2019	21	SM2550 B-2010	0.2° C Calibrated Accuaracy	
Temperature	9/19/2019	21.6	SM2550 B-2010	0.2° C Calibrated Accuaracy	

Temperature	9/20/2019	21.3	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/21/2019	21.4	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/23/2019	21.9	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/24/2019	21.1	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/25/2019	21.9	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/26/2019	22	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/27/2019	21.7	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/28/2019	20.8	SM2550 B-2010	0.2° C Calibrated Accuaracy
Temperature	9/30/2019	20.3	SM2550 B-2010	0.2° C Calibrated Accuaracy
Total Ammonia as N	9/2/2019	0.067	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/4/2019	0.0722	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/6/2019	0.06	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/9/2019	0.085	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/11/2019	0.098	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/13/2019	0.05996	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/16/2019	0.05869	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/18/2019	0.06125	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/20/2019	0.0547	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/23/2019	0.0585	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/25/2019	0.051	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/27/2019	0.06297	SM4500NH3 E-1997	0.0948 mg/L
Total Ammonia as N	9/30/2019	0.06557	SM4500NH3 E-1997	0.0948 mg/L
Total Phosphorous as P	9/2/2019	0.27	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/4/2019	0.27	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/6/2019	0.26	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/9/2019	0.31	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/11/2019	0.31	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/13/2019	0.34	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/16/2019	0.31	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/18/2019	0.28	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/20/2019	0.3	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/23/2019	0.34	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/25/2019	0.23	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/27/2019	0.30	EPA 365.3	0.02 mg/L
Total Phosphorous as P	9/30/2019	0.41	EPA 365.3	0.02 mg/L
E. coli	9/2/2019	14.6	SM9223 B-2004	1 organism per 100 mL
E. coli	9/4/2019	8.6	SM9223 B-2004	1 organism per 100 mL
E. coli	9/6/2019	13.4	SM9223 B-2004	1 organism per 100 mL
E. coli	9/9/2019	11.8	SM9223 B-2004	1 organism per 100 mL
E. coli	9/11/2019	19.7	SM9223 B-2004	1 organism per 100 mL
E. coli	9/13/2019	14.5	SM9223 B-2004	1 organism per 100 mL
E. coli	9/16/2019	8.5	SM9223 B-2004	1 organism per 100 mL
E. coli	9/18/2019	19.7	SM9223 B-2004	1 organism per 100 mL
E. coli	9/20/2019	48	SM9223 B-2004	1 organism per 100 mL
E. coli	9/23/2019	16.1	SM9223 B-2004	1 organism per 100 mL
E. coli	9/25/2019	21.3	SM9223 B-2004	1 organism per 100 mL
E. coli	9/27/2019	9.6	SM9223 B-2004	1 organism per 100 mL

E. coli	9/30/2019	25.6	SM9223 B-2004	1 organism per 100 mL	
Dissolved Oxygen	9/2/2019	8.02	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/3/2019	8.1	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/4/2019	8.08	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/5/2019	8.01	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/6/2019	8.08	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/7/2019	8.04	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/9/2019	8.2	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/10/2019	8.28	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/11/2019	8.20	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/12/2019	8.2	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/13/2019	8.26	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/14/2019	8.03	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/16/2019	8.16	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/17/2019	8.26	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/18/2019	8.22	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/19/2019	8.3	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/20/2019	8.15	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/21/2019	8.2	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/23/2019	8.30	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/24/2019	8.30	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/25/2019	8.30	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/26/2019	8.17	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/27/2019	8.3	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/28/2019	8.32	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	
Dissolved Oxygen	9/30/2019	8.45	Hach 10360v1.2-2011	0.1 mg/L calibrated accuracy	

Seasonal TP for May 2019 to September 2019

Date	Flow MGD	TP mg/L	TP Lbs.	Check
5/1/2019	10.71	0.88	78.60283	78.60283
5/3/2019	10.798	0.9	81.04979	81.04979
5/6/2019	11.208	0.23	21.49919	21.49919
5/8/2019	11.124	0.21	19.48257	19.48257
5/10/2019	11.279	0.2	18.81337	18.81337
5/13/2019	11.5	0.28	26.8548	26.8548
5/15/2019	11.647	0.28	27.19807	27.19807
5/17/2019	12.438	0.26	26.97056	26.97056
5/20/2019	13.529	0.29	32.72124	32.72124
5/22/2019	13.164	0.25	27.44694	27.44694
5/24/2019	12.705	0.35	37.0859	37.0859
5/27/2019	12.946	0.24	25.91271	25.91271
5/29/2019	13.436	0.19	21.29069	21.29069
5/31/2019	12.774	0.22	23.43774	23.43774
6/3/2019	12.798	0.27	28.81854	28.81854
6/5/2019	12.794	0.25	26.67549	26.67549
6/7/2019	12.493	0.28	29.17365	29.17365
6/10/2019	12.126	0.24	24.2714	24.2714
6/12/2019	12.628	0.27	28.43573	28.43573
6/14/2019	12.28	0.32	32.77286	32.77286
6/17/2019	12.26	0.43	43.96681	43.96681
6/19/2019	12.146	0.34	34.4412	34.4412
6/21/2019	11.917	0.24	23.85307	23.85307
6/24/2019	12.168	0.42	42.62207	42.62207
6/26/2019	11.855	0.48	47.45794	47.45794
6/28/2019	12.087	0.53	53.42696	53.42696
7/1/2019	11.915	0.58	57.63524	57.63524
7/3/2019	12.007	0.45	45.06227	45.06227
7/5/2019	11.37	0.37	35.08555	35.08555
7/8/2019	12.076	2.85	287.0344	287.0344
7/10/2019	12.36	0.8	82.46592	82.46592
7/12/2019	11.875	0.36	35.6535	35.6535
7/15/2019	12.1	0.47	47.42958	47.42958
7/17/2019	12.18	0.44	44.69573	44.69573
7/19/2019	11.642	0.44	42.72148	42.72148
7/22/2019	11.94	0.4	39.83184	39.83184
7/24/2019	12.05	0.35	35.17395	35.17395
7/26/2019	11.746	0.34	33.30696	33.30696
7/29/2019	12.338	0.32	32.92765	32.92765
7/31/2019	12.718	0.23	24.39567	24.39567
8/2/2019	11.292	0.36	33.9031	33.9031
8/5/2019	11.599	0.94	90.93152	90.93152
8/7/2019	13.448	1.35	151.411	151.411
8/9/2019	11.601	0.55	53.21379	53.21379
8/13/2019	11.827	2.6	256.4567	256.4567
8/14/2019	11.457	0.82	78.35213	78.35213
8/16/2019	11.286	0.27	25.41381	25.41381
8/19/2019	11.608	0.37	35.81997	35.81997
8/21/2019	11.912	0.29	28.81036	28.81036
8/23/2019	11.151	0.31	28.8298	28.8298
8/26/2019	11.315	0.31	29.2538	29.2538
8/28/2019	11.476	0.29	27.75585	27.75585
8/30/2019	11.465	0.31	29.64161	29.64161
9/2/2019	11.789	0.27	26.54647	26.54647
9/4/2019	11.971	0.27	26.9563	26.9563
9/6/2019	12.139	0.26	26.32221	26.32221
9/9/2019	12.097	0.31	31.27558	31.27558
9/11/2019	12.033	0.31	31.11012	31.11012
9/13/2019	11.649	0.34	33.0319	33.0319
9/16/2019	12.366	0.31	31.97106	31.97106
9/18/2019	12.479	0.28	29.14096	29.14096
9/20/2019	12.121	0.3	30.32674	30.32674
9/23/2019	12.291	0.34	34.85236	34.85236
9/25/2019	12.025	0.23	23.06636	23.06636
9/27/2019	11.808	0.3	29.54362	29.54362
9/30/2019	12.257	0.41	41.91159	41.91159
Average		0.45 conc.	45.4 lbs.	

September Temperature Monitoring									
2019	Out Fall			Upstream			Downstream		
	Maximum Daily Average	Daily Instantaneous Maximum	Seven-day running average of the daily instantaneous maximum	Maximum Daily Average	Daily Instantaneous Maximum	Seven-day running average of the daily instantaneous maximum	Maximum Daily Average	Daily Instantaneous Maximum	Seven-day running average of the daily instantaneous maximum
September	C°	C°	C°	C°	C°	C°	C°	C°	C°
1	22.45	22.61	22.53	19.06	19.72	18.89	19.89	20.44	20.05
2	22.44	22.63	22.58	18.71	19.34	19.04	19.64	20.27	20.14
3	22.48	22.71	22.63	18.39	18.87	19.18	19.48	19.87	20.23
4	22.49	22.68	22.66	18.31	18.89	19.29	19.41	19.91	20.26
5	22.55	22.78	22.68	19.01	19.63	19.37	20.01	20.65	20.31
6	22.64	22.82	22.70	19.43	19.70	19.39	20.37	20.82	20.34
7	22.52	22.75	22.71	18.79	19.15	19.33	19.77	20.17	20.30
8	22.19	22.47	22.69	18.28	18.75	19.19	19.21	19.67	20.19
9	22.06	22.35	22.65	17.46	18.03	19.00	18.45	18.91	20.00
10	21.86	22.11	22.56	16.97	17.61	18.82	17.95	18.65	19.83
11	21.69	21.89	22.45	16.73	17.39	18.61	17.80	18.49	19.62
12	21.77	22.01	22.34	16.99	17.65	18.33	18.01	18.60	19.33
13	21.80	22.03	22.23	17.01	17.56	18.02	18.02	18.70	19.03
14	21.93	22.13	22.14	17.36	17.96	17.85	18.27	18.82	18.84
15	21.86	22.06	22.08	17.69	18.11	17.76	18.49	18.94	18.73
16	21.79	22.03	22.04	17.61	18.01	17.75	18.40	18.87	18.72
17	21.55	21.70	21.98	16.88	17.20	17.70	17.74	18.08	18.64
18	21.32	21.51	21.93	16.53	16.99	17.64	17.38	17.89	18.56
19	21.21	21.41	21.84	15.89	16.34	17.45	16.80	17.30	18.37
20	21.07	21.27	21.73	15.91	16.32	17.28	16.86	17.37	18.18
21	21.05	21.27	21.61	15.80	16.25	17.03	16.81	17.30	17.96
22	21.14	21.29	21.50	15.87	16.39	16.79	16.88	17.53	17.76
23	21.32	21.56	21.43	16.44	16.77	16.61	17.43	17.96	17.63
24	21.51	21.75	21.44	16.54	16.99	16.58	17.63	18.15	17.64
25	21.40	21.60	21.45	16.30	16.84	16.56	17.44	17.92	17.65
26	21.22	21.46	21.46	15.58	15.92	16.50	16.85	17.34	17.65
27	21.26	21.46	21.49	16.26	16.73	16.56	17.31	17.80	17.71
28	20.90	21.27	21.49	15.22	16.25	16.56	16.42	17.23	17.70
29	20.35	20.56	21.38	13.76	14.39	16.27	15.16	15.65	17.44
30	20.25	20.44	21.22	13.07	13.47	15.80	14.60	15.10	17.03
31									
Monthly Max	22.64	22.82	22.71	19.43	19.72	19.39	20.37	20.82	20.34

* 9/3/2019 at 16:00 at upstream location an air temperature was taken and not used for calculations.