

Permit

Permit ID: AK0022951

Major: ✓

Permittee: JUNEAU, CITY & BOROUGH OF

Permittee Address: 2009 RADCLIFFE ROAD
JUNEAU , AK99801

Facility: JUNEAU, CITY AND BOROUGH OF - MENDENHALL WWTF

Facility Location: 2009 RADCLIFFE ROAD
JUNEAU , AK99801

Permitted Feature: 001 - External Outfall

Discharge: 001-A - MENDENHALL RIVER DIFFUSER

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19

DMR Due Date: 07/15/19

Status: NetDMR Validated

Considerations for Form Completion

FC/Nov-April=1 Effluent & W-Wkly Ave FC/May-Oct=S Effluent & T- Wkly Avg Ammonia/May-Oct=S Effluent

Principal Executive Officer

First Name: Randall

Last Name: brown

Title: Supervisor

Telephone: 907-586-0393

No Data Indicator (NODI)

Form NODI: -

Parameter Code	Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00010	Temperature, water deg. centigrade	Smpl.				=17.2	=19	04 - deg C	0	05/WK - Five Per Week	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.				Req Mon MO AVG	Req Mon DAILY MX	04 - deg C		05/WK - Five Per Week	GR - GRAB
NODI: -		NODI									
00300	Oxygen, dissolved [DO]	Smpl.			=2		=4.6	19 - mg/L	0	01/30 - Monthly	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.			Req Mon DAILY MN		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.	=293	=411	26 - lb/d		=28	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
1 - Effluent Gross											
Season: 0		Req.	<=1226 MO AVG	<=2452 DAILY MX	26 - lb/d		<=60 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.							0	02/30 - Twice Per Month	24 - COMP24
G - Raw Sewage Influent											
Season: 0		Req.				Req Mon MO AVG		19 - mg/L		02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.	=331		26 - lb/d		=22	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
W - See Comments											
Season: 0		Req.									

Parameter Code	Parameter Name	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
		<=1839 AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L	02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI								
00400	pH				=6.7			12 - SU	05/07 - Weekdays	GR - GRAB
	1 - Effluent Gross					=7				
Season: 0		Req.			>=6.5 INST MIN	<=8.5 INST MAX		12 - SU	05/07 - Weekdays	GR - GRAB
NODI: -		NODI								
00410	Alkalinity, total [as CaCO3]							19 - mg/L	01/90 - Quarterly	24 - COMP24
	1 - Effluent Gross				=0	=0				
Season: 0		Req.						19 - mg/L	01/90 - Quarterly	24 - COMP24
NODI: -		NODI								
00530	Solids, total suspended			26 - lb/d		=13		19 - mg/L	02/30 - Twice Per Month	24 - COMP24
	1 - Effluent Gross				=192	=243				
Season: 0		Req.						19 - mg/L	02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI			<=1226 MO AVG	<=2452 DAILY MX				
00530	Solids, total suspended							19 - mg/L	02/30 - Twice Per Month	24 - COMP24
	G - Raw Sewage Influent					=924				
Season: 0		Req.						19 - mg/L	02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI								
00530	Solids, total suspended			26 - lb/d		=16		19 - mg/L	02/30 - Twice Per Month	24 - COMP24
	W - See Comments									
Season: 0		Req.								
NODI: -		NODI								

Parameter Code	Name	NODI	Quantity or Loading		Units	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2		Value 1	Value 2	Value 3				
Season: 0		Req.	<=1839 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L	02/30 - Twice Per Month	24 - COMP24	
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.				=26	=26		19 - mg/L	01/30 - Monthly	24 - COMP24	
1 - Effluent Gross												
Season: 2		Req.				Req Mon MO AVG	Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	24 - COMP24	
NODI: -		NODI										
00900	Hardness, total [as CaCO3]	Smpl.				=73	=73		19 - mg/L	01/30 - Monthly	24 - COMP24	
1 - Effluent Gross												
Season: 0		Req.				Req Mon MO AVG	Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	24 - COMP24	
NODI: -		NODI										
01119	Copper, total recoverable	Smpl.	=0.17	=0.17	26 - lb/d	=12	=12		28 - ug/L	01/30 - Monthly	24 - COMP24	
1 - Effluent Gross												
Season: 2		Req.	<=1.82 MO AVG	<=3.92 DAILY MX	26 - lb/d	<=44.5 MO AVG	<=95.8 DAILY MX		28 - ug/L	01/30 - Monthly	24 - COMP24	
NODI: -		NODI										
45613	Floating solids, waste or visible foam-visual	Smpl.				=0	=0		9P - N=0;Y=1	01/30 - Monthly	VI - VISUAL	
1 - Effluent Gross												
Season: 0		Req.				<=Req Mon DAILY MX	<=Req Mon DAILY MX		9P - N=0;Y=1	01/30 - Monthly	VI - VISUAL	
NODI: -		NODI										
50050	Flow, in conduit or	Smpl.	=1.65	=2.05	03 - MGD					99/99 - Continuous		

Code	Parameter Name	NODI	Quantity or Loading		Units	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2		Value 1	Value 2	Value 3				
1 - Effluent Gross	thru treatment plant											RC - Recorder (auto)
Season: 0		Req. AVG	Mon MO	<=4.9 DAILY	03 - MGD							RC - Recorder (auto)
NODI: -		NODI										
74055	Coliform, fecal general											
1 - Effluent Gross		Smpl.				=8	=20		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
Season: 2		Req.										
NODI: -		NODI										
74055	Coliform, fecal general											
W - See Comments		Smpl.				=14			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
Season: 2		Req.										
NODI: -		NODI										
81010	BOD, 5-day, percent removal											
K - Percent Removal		Smpl.				=97			23 - %	0	01/30 - Monthly	CA - CALCTD
Season: 0		Req.										
NODI: -		NODI										
81011	Solids, suspended percent removal											
K - Percent Removal		Smpl.				=99			23 - %	0	01/30 - Monthly	CA - CALCTD
Season: 0		Req.										
NODI: -		NODI										
Season: 0		Req.										
NODI: -		NODI										

Code	Parameter Name	NODI	Quantity or Loading		Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Value 1	Value 2	Value 3			
NODI: -		NODI								
TT000	Toxicity, Chronic	Smpl.			=0	=0	73 - toxic	0	09/99 - See Permit	24 - COMP24
1 - Effluent Gross										
Season: 6		Req.			Req Mon AVG	Req Mon MX	DAILY toxic		09/99 - See Permit	24 - COMP24
NODI: -		NODI								

Submission Note

If a parameter row does not contain any values for the Sample no, 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

JUNEAU, CITY & BOROUGH OF

User: CBJWASTEWATER1
 Name: James Westcott
 E-Mail: jim.westcott@juneau.org
 Date/Time: 2019-07-11 11:03 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
 Name: James Westcott
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 Date/Time: 2019-07-11 11:04 (Time Zone:-08:00)