

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
MENDENHALL WWTF
JUNEAU, AK99801

Permitted Feature: 001 - External Outfall

Discharge: 001-A - MENDENHALL RIVER DIFFUSER

Report Dates & Status

Monitoring Period: From 08/01/18 to 08/31/18

DMR Due Date: 09/15/18

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: Facility supervisor

Telephone: 907-586-0390

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			

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.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00300	Oxygen, dissolved [DO]	Smpl.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
G - Raw Sewage Influent											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
W - See Comments											
Season: 0		Req.									

Parameter Code	Name	NODI	Quantity or Loading		Units	Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2		Value 1	Value 2	Value 3			
			<=1839 WKLY AVG		26 - lb/d	<=45 WKLY AVG			19 - mg/L	02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI									
00400	pH										
1 -	Effluent Gross	Smpl.			=6.59				12 - SU	05/07 - Weekdays	GR - GRAB
Season: 2		Req.									
NODI: -		NODI			>=6.3 INST MIN				12 - SU	05/07 - Weekdays	GR - GRAB
00530	Solids, total suspended	Smpl.	=292	=31	26 - lb/d	=20	=31		19 - mg/L	02/30 - Twice Per Month	24 - COMP24
1 -	Effluent Gross										
Season: 0		Req.	<=1226 MO AVG	<=2452 DAILY MX	26 - lb/d	<=30 MO AVG	<=60 DAILY MX		19 - mg/L	02/30 - Twice Per Month	24 - COMP24
NODI: -		NODI									
00530	Solids, total suspended	Smpl.				=1149			19 - mg/L	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									
00530	Solids, total suspended	Smpl.	=345		26 - lb/d	=26			19 - mg/L	02/30 - Twice Per Month	24 - COMP24
W -	See Comments										
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.				=20	=20		19 - mg/L	01/30 - Monthly	24 - COMP24

Code	Parameter Name	NODI	Quantity or Loading		Quality or Concentration			# of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2		
1 - Effluent Gross									
Season: 2	Req.								
NODI: -									
00900	Hardness, total [as CaCO3]	Smpl.							
1 - Effluent Gross									
Season: 0	Req.								
NODI: -									
01079	Silver total recoverable	Smpl.							
1 - Effluent Gross									
Season: 0	Req.								
NODI: -									
01094	Zinc, total recoverable	Smpl.							
1 - Effluent Gross									
Season: 0	Req.								
NODI: -									
01114	Lead, total recoverable	Smpl.							
1 - Effluent Gross									
Season: 0	Req.								
NODI: -									
01119	Copper, total recoverable	Smpl.							

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				
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.										
1 - Effluent Gross												
Season: 0		Req.										
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=1.72	=2.22	03 - MGD							
1 - Effluent Gross												
Season: 0		Req.	Req Mon MO AVG	<=4.9 DAILY MX	03 - MGD							
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.										
1 - Effluent Gross												
Season: 2		Req.										
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.										
W - See Comments												
Season: 2		Req.										
NODI: -		NODI										

Parameter 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			
81010	BOD, 5-day, percent removal	Smpl.							01/30 - Monthly	CA - CALCTD
K - Percent Removal										
Season: 0		Req.							01/30 - Monthly	CA - CALCTD
NODI: -		NODI								
81011	Solids, suspended percent removal	Smpl.							01/30 - Monthly	CA - CALCTD
K - Percent Removal										
Season: 0		Req.							01/30 - Monthly	CA - CALCTD
NODI: -		NODI								
TT000	Toxicity, Chronic	Smpl.							09/99 - See Permit	24 - COMP24
1 - Effluent Gross										
Season: 6		Req.							09/99 - See Permit	24 - COMP24
NODI: -		NODI								

