

**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 05/01/19 to 05/31/19

**DMR Due Date:** 06/15/19

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

Parameter Code	Parameter Name	NODI	Quantity or Loading			Units	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Value 3		Value 1	Value 2	Value 3				
00010	Temperature, water deg. centigrade	Smpl.					=14.7	=16.3	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: -													
00300	Oxygen, dissolved [DO]	Smpl.						=4.9	19 - mg/L	0	01/30 - Monthly	GR - GRAB	
1 - Effluent Gross													
Season: 0													
		Req.							19 - mg/L		01/30 - Monthly	GR - GRAB	
NODI: -													
00310	BOD, 5-day, 20 deg. C	Smpl.	=276	=362		26 - lb/d	=22	=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	<=30 MO AVG	<=60 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24	
NODI: -													
00310	BOD, 5-day, 20 deg. C	Smpl.					=705		19 - mg/L	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: -													
00310	BOD, 5-day, 20 deg. C	Smpl.	=336			26 - lb/d	=27		19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24	
W - See Comments													
Season: 0													
		Req.											

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	Value 3			
00400	pH	NODI	<=1839 WKLY AVG		26 - lb/d						
1 - Effluent Gross		Smpl.			=6.6				0	05/07 - Weekdays GRAB	
Season: 0		Req.			>=6.5 INST MIN					05/07 - Weekdays GRAB	
NODI: -		NODI									
00530	Solids, total suspended	NODI									
1 - Effluent Gross		Smpl.	=160	=246	26 - lb/d	=12	=19	19 - mg/L	0	02/30 - Twice Per Month COMP24	
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 COMP24	
NODI: -		NODI									
00530	Solids, total suspended	NODI									
G - Raw Sewage Influent		Smpl.				=626		19 - mg/L	0	02/30 - Twice Per Month COMP24	
Season: 0		Req.				Req Mon MO AVG		19 - mg/L		02/30 - Twice Per Month COMP24	
NODI: -		NODI									
00530	Solids, total suspended	NODI									
W - See Comments		Smpl.	=131		26 - lb/d	=11		19 - mg/L	0	02/30 - Twice Per Month COMP24	
Season: 0		Req.	<=1839 WKLY AVG		26 - lb/d	<=45 WKLY AVG		19 - mg/L		02/30 - Twice Per Month COMP24	
NODI: -		NODI									
00610	Nitrogen, ammonia total [as N]	NODI									
		Smpl.				=20	=20	19 - mg/L	0	01/30 - Monthly COMP24	

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			
1 - Effluent Gross										
Season: 2	<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
NODI: -	<b>NODI</b>									
00900 Hardness, total [as CaCO3]										
1 - Effluent Gross										
Season: 0	<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	24 - COMP24
NODI: -	<b>NODI</b>									
01119 Copper, total recoverable										
1 - Effluent Gross										
Season: 2	<b>Req.</b>	<=1.82 MO AVG	<=3.92 DAILY MX	26 - lb/d	<=44.5 MO AVG	<=95.8 DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24
NODI: -	<b>NODI</b>									
45613 Floating solids, waste or visible foam-visual										
1 - Effluent Gross										
Season: 0	<b>Req.</b>					<=Req Mon DAILY MX	9P - N=0;Y=1	0	01/30 - Monthly	VI - VISUAL
NODI: -	<b>NODI</b>									
50050 Flow, in conduit or thru treatment plant										
1 - Effluent Gross										
Season: 0	<b>Req.</b>	Req Mon MO AVG	<=4.9 DAILY MX	03 - MGD					99/99 - Continuous	RC - Recorder (auto)
NODI: -	<b>NODI</b>									
Season: 0	<b>Req.</b>									
NODI: -	<b>NODI</b>									

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				
74055	Coliform, fecal general	Smpl.				=4	=52		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross												
Season: 2		Req.				<=200 MO GEOMN	<=800 DAILY MX		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.				=23			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments												
Season: 2		Req.				<=400 WK GEOMN			13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
81010	BOD, 5-day, percent removal	Smpl.			=97				23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal												
Season: 0		Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		NODI										
81011	Solids, suspended percent removal	Smpl.			=98				23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal												
Season: 0		Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		NODI										
X	Toxicity, Chronic	Smpl.										
1 - Effluent Gross												
Season: 6		Req.				Req Mon MO AVG	Req Mon DAILY MX		73 - toxic		09/99 - See Permit	24 - COM P24
NODI: -		NODI										

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

**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**

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
TT000	Toxicity, Chronic	1 - Effluent Gross	All	Soft	All permit limit values for the Parameter are missing sample values or NODI selection. (Error Code: -1 )	<input checked="" type="checkbox"/>

**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: 2019-06-14 15:25 (Time Zone: -08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2019-06-14 15:25 (Time Zone: -08:00)