

**Permit**

**Permit ID:** AK0022951  
**Permittee:** JUNEAU, CITY & BOROUGH OF  
**Facility:** JUNEAU, CITY AND BOROUGH OF - MENDENHALL WWTF

**Major:**   
**Permittee Address:** 2009 RADCLIFFE ROAD  
 JUNEAU , AK99801  
**Facility Location:** 2009 RADCLIFFE ROAD  
 MENDENHALL WWTF  
 JUNEAU , AK99801  
**Discharge:** 001-A - MENDENHALL RIVER DIFFUSER

**Permitted Feature:** 001 - External Outfall

**Report Dates & Status**

**Monitoring Period:** From 06/01/18 to 06/30/18

**DMR Due Date:** 07/15/18

**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  
**Title:** Supervisor

**Last Name:** Brown  
**Telephone:** 907-586-0390

**No Data Indicator (NODI)**

**Form NODI:** -

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

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			
00010	Temperature, water deg. centigrade	Smpl.				=15.6	=16.8	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.			=1.6		=4.2	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.	=265	=465	26 - lb/d	=20	=34	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: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.				=534		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: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.	=306		26 - lb/d	=23		19 - mg/L	0	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									
00400	pH	Smpl.			=6.5		=6.9	12 - SU	0	05/07 - Weekdays	GR - GRAB
	1 - Effluent Gross										
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]	Smpl.				=160	=160	19 - mg/L	0	01/90 - Quarterly	24 - COMP24
	1 - Effluent Gross										
Season: 0		Req.				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	24 - COMP24
NODI: -		NODI									
X 00530	Solids, total suspended	Smpl.	=310	=824	26 - lb/d	=23	=65	19 - mg/L	1	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.				=581		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			24 - COMP24

Parameter Code	Name	NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3				
NODI: -		<b>NODI</b>								02/30 - Twice Per Month		
00530	Solids, total suspended	<b>Smpl.</b>	=429		26 - lb/d	=33		19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24	
	W - See Comments											
Season: 0		<b>Req.</b>	<=1839 WKLY AVG		26 - lb/d	<=45 WKLY AVG		19 - mg/L		02/30 - Twice Per Month	24 - COMP24	
NODI: -		<b>NODI</b>										
00610	Nitrogen, ammonia total [as N]	<b>Smpl.</b>				=22	=22	19 - mg/L	0	01/30 - Monthly	24 - COMP24	
	1 - Effluent Gross											
Season: 2		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24	
NODI: -		<b>NODI</b>										
00900	Hardness, total [as CaCO3]	<b>Smpl.</b>				=70	=70	19 - mg/L	0	01/30 - Monthly	24 - COMP24	
	1 - Effluent Gross											
Season: 0		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24	
NODI: -		<b>NODI</b>										
01119	Copper, total recoverable	<b>Smpl.</b>	=0.36	=0.36	26 - lb/d	=28	=28	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
	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		01/30 - Monthly	24 - COMP24	
NODI: -		<b>NODI</b>										
45613	Floating solids, waste or visible foam-visual	<b>Smpl.</b>					=0	9P - N=0;Y=1	0	01/30 - Monthly	VI - VISUAL	
	1 - Effluent Gross											
Season: 0		<b>Req.</b>					<=Req Mon DAILY MX	9P - N=0;Y=1		01/30 - Monthly	VI - VISUAL	
NODI: -		<b>NODI</b>										
50050	Flow, in conduit or thru treatment plant	<b>Smpl.</b>	=1.58	=1.75	03 - MGD				0	99/99 - Continuous	RC - Recorder (auto)	
	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>										
74055	Colliform, fecal general	<b>Smpl.</b>				=5	=190	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
	1 - Effluent Gross											
Season: 2		<b>Req.</b>				<=200 MO GEOMN	<=800 DAILY MX	13 - #/100mL		01/07 - Weekly	GR - GRAB	
NODI: -		<b>NODI</b>										
74055	Coliform, fecal general	<b>Smpl.</b>				=19		13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
	W - See Comments											
Season: 2		<b>Req.</b>				<=400 WK GEOMN		13 - #/100mL		01/07 - Weekly	GR - GRAB	
NODI: -		<b>NODI</b>										
81010	BOD, 5-day, percent removal	<b>Smpl.</b>			=96			23 - %	0	01/30 - Monthly	CA - CALCTD	

Parameter Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3				
K - Percent Removal												
Season: 0		<b>Req.</b>				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		<b>NODI</b>										
81011	Solids, suspended percent removal	<b>Smpl.</b>				=97			23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal												
Season: 0		<b>Req.</b>				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		<b>NODI</b>										
TT000	Toxicity, Chronic	<b>Smpl.</b>				=9	=9		73 - toxic	0	09/99 - See Permit	24 - COMP24
1 - Effluent Gross												
Season: 6		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX		73 - toxic		09/99 - See Permit	24 - COMP24
NODI: -		<b>NODI</b>										

**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**

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1 )	<input checked="" type="checkbox"/>

**Comments**

**Attachments**

Name	Type	Size
3478_001.pdf	pdf	109868

**Report Last Saved By**

**JUNEAU, CITY & BOROUGH OF**

User: KASEWELL  
 Name: karen sewell  
 E-Mail: karen.sewell@juneau.org  
 Date/Time: 2018-07-18 14:15 (Time Zone:-08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2018-07-18 14:19 (Time Zone:-08:00)