

**Permit**

**Permit ID:** AK0022951  
**Permittee:** JUNEAU, CITY & BOROUGH OF  
**Facility:** JUNEAU, CITY AND BOROUGH OF - MENDENHALL WWTF  
**Permitted Feature:** 001 - External Outfall

**Major:**   
**Permittee Address:** 2009 RADCLIFFE ROAD  
 JUNEAU , AK99801  
**Facility Location:** 2009 RADCLIFFE ROAD  
 JUNEAU , AK99801  
**Discharge:** 001-A - MENDENHALL RIVER DIFFUSER  
**DMR Due Date:** 09/15/19

**Report Dates & Status**

**Monitoring Period:** From 08/01/19 to 08/31/19  
**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  
**Title:** Supervisor  
**Last Name:** Brown  
**Telephone:** 907-586-0393

**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.				=19.8	=22.7	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.			=2.7		=5.9	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.	=246	=316	26 - lb/d	=18	=18	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.				=803		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.	=262		26 - lb/d	=20		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.			=6.8		=7	12 - SU	0	05/07 - Weekdays	GR - GRAB
	1 - Effluent Gross										
	Season: 2	Req.			>=6.3 INST MIN		<=8.5 INST MAX	12 - SU		05/07 - Weekdays	GR - GRAB
	NODI: -	NODI									
00530	Solids, total suspended	Smpl.	=194	=18	26 - lb/d	=15	=18	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									
00530	Solids, total suspended	Smpl.				=1077		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									
00530	Solids, total suspended	Smpl.	=206		26 - lb/d	=15		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			24 - COMP24

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			
NODI: -		<b>NODI</b>									
00610	Nitrogen, ammonia total [as N]	<b>Smpl.</b>				=22	=22	19 - mg/L	0	02/30 - Twice Per Month	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>				=59	=59	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>									
01079	Silver total recoverable	<b>Smpl.</b>				=0	=0	28 - ug/L	0	03/YR - Three Per Year	24 - COMP24
	1 - Effluent Gross										
Season: 0		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	28 - ug/L		03/YR - Three Per Year	24 - COMP24
NODI: -		<b>NODI</b>									
01094	Zinc, total recoverable	<b>Smpl.</b>				=0	=0	28 - ug/L	0	03/YR - Three Per Year	24 - COMP24
	1 - Effluent Gross										
Season: 0		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	28 - ug/L		03/YR - Three Per Year	24 - COMP24
NODI: -		<b>NODI</b>									
01114	Lead, total recoverable	<b>Smpl.</b>				=0	=0	28 - ug/L	0	03/YR - Three Per Year	24 - COMP24
	1 - Effluent Gross										
Season: 0		<b>Req.</b>				Req Mon MO AVG	Req Mon DAILY MX	28 - ug/L		03/YR - Three Per Year	24 - COMP24
NODI: -		<b>NODI</b>									
01119	Copper, total recoverable	<b>Smpl.</b>	=0.21	=0.21	26 - lb/d	=16	=16	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>	=1.6	=2	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		<b>Smpl.</b>				=2	=12		0		

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				Units
1 - Effluent Gross	Coliform, fecal general								13 - #/100mL	01/07 - Weekly	GR - GRAB	
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					=5			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments		<b>Smpl.</b>										
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				=98				23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal		<b>Smpl.</b>										
Season: 0		<b>Req.</b>			>=85 MN % RMV				23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		<b>NODI</b>										
81011	Solids, suspended percent removal				=99				23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal		<b>Smpl.</b>										
Season: 0		<b>Req.</b>			>=85 MN % RMV				23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		<b>NODI</b>										
TT000	Toxicity, Chronic											
1 - Effluent Gross		<b>Smpl.</b>										
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>				9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period					

**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**

**JUNEAU, CITY & BOROUGH OF**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2019-09-14 17:59 (Time Zone:-08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2019-09-15 08:46 (Time Zone:-08:00)