

User: CBJWASTEWATER2, Permittee User



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**DMR Copy of Submission**

**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

**Report Dates & Status**

**Monitoring Period:** From 07/01/18 to 07/31/18  
**Status:** NetDMR Validated  
**DMR Due Date:** 08/15/18

**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:** Wastewater Treatment Plant Supervisor  
**Last Name:** Brown  
**Telephone:** 907-586-0393

**No Data Indicator (NODI)**

**Form 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	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				Units
00010	Temperature, water deg. centigrade	Smpl.					=17.5	=19.2	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.				=2.2		=3.2	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.	=311	=455	26 - lb/d		=23	=35	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.					=587		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.	=367		26 - lb/d		=29		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.				=6.6		=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.	=291	=356	26 - lb/d		=22	=26	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.					=669		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.	=307		26 - lb/d		=24		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>				=20	=20	19 - mg/L	0	02/30 - Twice Per Month 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>				=68	=68	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>	=0.46	=0.46	26 - lb/d	=37	=37	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>	=1.57	=1.92	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	Coliform, fecal general	<b>Smpl.</b>				=3	=10	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>				=8		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
	K - Percent Removal										
Season: 0		<b>Req.</b>				>=85 MN % RMV		23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		<b>NODI</b>									
81011	Solids, suspended	<b>Smpl.</b>				=97		23 - %	0	01/30 - Monthly	CA - CALCTD

