

User: CBJWASTEWATER1, Permittee User



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## DMR Copy of Submission

**Permit**

**Permit ID:** AK0023213  
**Permittee:** JUNEAU, CITY AND BOROUGH OF  
**Facility:** JUNEAU, CITY AND BOROUGH OF

**Major:**   
**Permittee Address:** 5433 SHAUNE DRIVE  
 JUNEAU , AK99801  
**Facility Location:** 1540 THANE ROAD  
 JUNEAU-DOUGLAS WWTP  
 JUNEAU , AK99801  
**Discharge:** 001-A - (no description)

**Permitted Feature:** 001 - External Outfall  
**Report Dates & Status**  
**Monitoring Period:** From 03/01/18 to 03/31/18  
**Status:** **NetDMR Validated**

**DMR Due Date:** 04/15/18

**Considerations for Form Completion**

W=WEEKLY AVERAGE

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

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	Units			
00010	Temperature, water deg. centigrade	Smpl.						=10.6	04 - deg C	0	05/WK - Five Per Week	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.						Req Mon DAILY MX	04 - deg C		05/WK - Five Per Week	GR - GRAB
NODI: -		NODI										
00300	Oxygen, dissolved [DO]	Smpl.			=3.9		=8.5		19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.			>=2 DAILY MN		<=17 DAILY MX		19 - mg/L		05/WK - Five Per Week	GR - GRAB
NODI: -		NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=26	=36	26 - lb/d	=5	=9		19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Effluent Gross												
Season: 0		Req.	<=690 MO AVG	<=1380 DAILY MX	26 - lb/d	<=30 MO AVG	<=60 DAILY MX		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=1288		26 - lb/d	=210			19 - mg/L	0	01/30 - Monthly	24 - COMP24
G - Raw Sewage Influent												
Season: 0		Req.	Req Mon MO AVG		26 - lb/d	Req Mon MO AVG			19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=30		26 - lb/d	=7			19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - See Comments												
Season: 0		Req.	<=1035 WKLY AVG		26 - lb/d	<=45 WKLY AVG			19 - mg/L		01/30 - Monthly	24 - COMP24

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			
NODI: -		NODI									
00400	pH	Smpl.			=6.5		=8.4	12 - SU	0	05/WK - Five Per Week	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.			>=6.5 MINIMUM		<=8.5 MAXIMUM	12 - SU		05/WK - Five Per Week	GR - GRAB
NODI: -		NODI									
00530	Solids, total suspended	Smpl.	=98	=302	26 - lb/d	=4	=10	19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Effluent Gross											
Season: 0		Req.	<=690 MO AVG	<=1380 DAILY MX	26 - lb/d	<=30 MO AVG	<=60 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI									
00530	Solids, total suspended	Smpl.	=1156		26 - lb/d	=188		19 - mg/L	0	01/30 - Monthly	24 - COMP24
G - Raw Sewage Influent											
Season: 0		Req.	Req Mon MO AVG		26 - lb/d	Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI									
00530	Solids, total suspended	Smpl.	=302		26 - lb/d	=10		19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - See Comments											
Season: 0		Req.	<=1035 WKLY AVG		26 - lb/d	<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI									
00610	Nitrogen, ammonia total [as N]	Smpl.				=8	=11	19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Effluent Gross											
Season: 0		Req.				<=14 MO AVG	<=30 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		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				Units
00610	Nitrogen, ammonia total [as N]	Smpl.				=11			19 - mg/L	0	01/30 - Monthly	24 - COMP24
	W - See Comments											
Season: 0		Req.				<=21 WKLY AVG			19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI										
01119	Copper, total recoverable	Smpl.					=31		28 - ug/L	0	01/90 - Quarterly	24 - COMP24
	1 - Effluent Gross											
Season: 0		Req.						Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=0.72	=1.68	03 - MGD					0	99/99 - Continuous	RC - Recorder (auto)
	1 - Effluent Gross											
Season: 0		Req.	<=2.76 MO AVG	<=6 DAILY MX	03 - MGD						99/99 - Continuous	RC - Recorder (auto)
NODI: -		NODI										
61211	Enterococci	Smpl.					=1		13 - #/100mL	0	09/99 - See Permit	GR - GRAB
	1 - Effluent Gross											
Season: 0		Req.						Req Mon DAILY MX	13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.				=3	=11		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
	1 - Effluent Gross											
Season: 0		Req.				<=200 GEOMN	<=800 DAILY MX		13 - #/100mL		01/07 - Weekly	GR - GRAB

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				Units
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.				=7			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments												
Season: 0		Req.					<=400 WKLY AVG		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
81010	BOD, 5-day, 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										
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										

**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**

Name	Type	Size
3112_001.pdf	pdf	281207

**Report Last Saved By**

**JUNEAU, CITY AND BOROUGH OF**

User: CBJWASTEWATER1  
Name: James Westcott  
E-Mail: jim.westcott@juneau.org  
Date/Time: 2018-04-11 09:49 (Time Zone:-08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
Name: James Westcott  
E-Mail: jim.westcott@juneau.org  
Date/Time: 2018-04-11 09:51 (Time Zone:-08:00)

## Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Mark Mow  
 MAILING ADDRESS: 155 S. Seward Street  
 Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY  
 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213


MONITORING PERIOD: 3/1/2018 TO 3/31/2018

MONITORING POINT: 004 (N-15.1) (R) Douglas NO DISCHARGE: X

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids 1 - Final Effluent 00530 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C 1 - Final Effluent 31616 R	Sample meas.	*****	*****		*****						
	Permit reqmt.	*****	*****		*****	Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
Flow 1 - Final Effluent 50050 R	Sample meas.				*****	*****	*****				
	Permit reqmt.	Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
Duration of Discharge 1 - Final Effluent 81381 R	Sample meas.	*****			*****	*****	*****				
	Permit reqmt.	*****	report daily maximum	min/day	*****	*****	*****			When Discharging	Instantaneous Reading
COMMENTS:											

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617

Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPLE EXECUTIVE OFFICE	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907 586-0393	4/2/18
TYPED OR PRINTED		AREA/NUMBER	YY/MM/DD



## Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Mark Mow  
 MAILING ADDRESS: 155 S. Seward Street  
 Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY  
 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 3/1/2018 TO 3/31/2018


MONITORING POINT: 003 (N11.2) (Q) Sta C NO DISCHARGE: X

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids 1 - Final Effluent 00530 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C 1 - Final Effluent 31616 R	Sample meas.	*****	*****		*****						
	Permit reqmt.	*****	*****		*****	Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
Flow 1 - Final Effluent 50050 R	Sample meas.				*****	*****	*****				
	Permit reqmt.	Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
Duration of Discharge 1 - Final Effluent 81381 R	Sample meas.	*****			*****	*****	*****				
	Permit reqmt.	*****	report daily maximum	min/day	*****	*****	*****			When Discharging	Instantaneous Reading

COMMENTS:

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 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 3/1/2018

TO 3/31/2018

MONITORING POINT: 002 (N.11) (P) Sta.AE


NO DISCHARGE:

X

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids 1 - Final Effluent 00530 R	Sample meas.				*****						
	Permit reqmt.	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C 1 - Final Effluent 31616 R	Sample meas.	*****	*****		*****						
	Permit reqmt.	*****	*****		*****	Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
Flow 1 - Final Effluent 50050 R	Sample meas.				*****	*****	*****				
	Permit reqmt.	Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
Duration of Discharge 1 - Final Effluent 81381 R	Sample meas.	*****			*****	*****	*****				
	Permit reqmt.	*****	report daily maximum	min/day	*****	*****	*****			When Discharging	Instantaneous Reading
COMMENTS:											

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Mark Mow/Wastewater Collections SR. Operator	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907 586-0393	4/2/18
TYPED OR PRINTED		AREA/NUMBER	YY/MM/DD