▲ User:CBJWASTEWATER1, Permittee User



**DMR Copy of Submission** 

DMR Copy of Submission

Page 3 of 8

Permit

Permit ID: AK0023213 Major:

Permittee: JUNEAU, CITY AND BOROUGH OF Permittee Address: 5433 SHAUNE DRIVE JUNEAU , AK99801

Facility: JUNEAU, CITY AND BOROUGH OF Facility Location: 1540 THANE ROAD

JUNEAU-DOUGLAS WWTP

**✓** 

JUNEAU, AK99801

Permitted Feature: 001 - External Outfall Discharge: 001-A - (no description)

Report Dates & Status

**Monitoring Period:** From 03/01/18 to 03/31/18 **DMR Due Date:** 04/15/18

Status: NetDMR Validated

Considerations for Form Completion

W=WEEKLY AVERAGE

Principal Executive Officer

First Name: Randall Last Name: Brown

Title: Wastewwater Treatment Plant Supervisor Telephone: 907-586-0393

No Data Indicator (NODI)

Form NODI: -

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

Pa	arameter	NODI	Quant	ity or Loading			Quality or Con-	centration		#	Freq. of	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	туре
00010	Temperature, water deg. centigrade	Smpl.						=10.6	04 - deg C	0	05/WK - Five Per Week	GR - GRAB
1 - Efflu	uent Gross										Week	
Season	: 0	Req.						Req Mon DAILY MX	04 - deg C		05/WK - Five Per Week	GR - GRAB
NODI: -	-	NODI										
	Oxygen, dissolved [DO] uent Gross	Smpl.				=3.9		=8.5	19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
Season		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 - COMP2
1 - Efflu	uent 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 - COMP2
NODI: -	_	NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=1288		26 -		=210		19 -	0	01/30 -	24 -
G - Raw Influent	v Sewage t	J			lb/d				mg/L		Monthly	COMP2
Season	: 0	Req.	Req Mon MO AVG		26 - lb/d		Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP2
NODI: -	-	NODI										
00310	BOD, 5-day, 20 deg. C	Smpl.	=30		26 - lb/d		=7		19 -  mg/L	0	01/30 - Monthly	24 - COMP2
N - See	e Comments				-, -				- Ji		,	
Season	: 0	Req.	<=1035 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP2

Parameter	NODI	Quant	ity or Loading			Quality or Con-	centration		#	Freq. of	Smpl.
Code Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Туре
NODI: -	NODI	[									
00400 pH 1 - Effluent Gross	Smpl.				=6.5		=8.4	12 - SU	0	05/WK - Five Per Week	GR _ GRAB
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 -		=188		19 -	0	01/30 -	24 -
G - Raw Sewage Influent	Sp.ii	-1130		lb/d		100		mg/L	Ů	Monthly	COMP24
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										

Pa	ırameter	NODI	Quan	tity or Loading			Quality or Co	ncentration		# of	Freq. of	Smpl
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	Ex.	Analysis	Туре
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										
	Copper, total recoverable	Smpl.						=31	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
Season:	ent Gross	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 - Efflu	ent Gross											
Season:	: 0	Req.	<=2.76 MO AVG	<=6 DAILY MX	03 - MGD						99/99 - Continuous	RC - Recorder (auto)
NODI: -		NODI										
	Enterococci ent Gross	Smpl.						=1	13 - #/100mL	0	09/99 - See Permit	GR - GRAB
Season:	0	Req.						Req Mon DAILY MX	13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -		NODI										
74055	Coliform, fecal general	Smpla					=3	=11	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Efflu	ent Gross								, 2001172		recity	31010
Season:	0	Req -					<=200 MO GEOMN	<=800 DAILY MX	13 - #/100mL		01/07 - Weekly	GR - GRAB

Pa	arameter	NODI	Quanti	ty or Loading			Quality or Conc	entration		#	Freq. of	Smpl.
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Туре
NODI:	-	NODI								'	-'	
74055	Coliform, fecal general	Smpl.					=7		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See	e Comments								"/ 100IIIL		Weekly	CICLE
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 - Per	cent 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 - Pero	cent 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	Туре	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)

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

CONTACT NAME: Mark Mow

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

MAILING ADDRESS: 155 S. Seward Street

LOCATION: 1540 Thane Rd

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AKOO23213

MONITORING PERIOD: 3/1/2018

TO 3/31/2018

MONITORING POINT: 004 (N-15.1) (R) Douglas

NO DISCHARGE:

Parameter Quantity or Loading Units **Quality or Concentration** Units Frequency of | Sample Type Ex. Analysis Maximum Minimum Average Maximum Average **Biochemical Oxygen Demand** Sample \*\*\*\*\* meas. (BOD5) \*\*\*\*\* When Dischargin lbs/day Report Report mg/l Grab Report Report 1 - Final Effluent Permit monthly average daily maximum monthly average daily maximum 00310 R reamt. Sample Total Suspended Solids \*\*\*\*\* meas. lbs/day Report When Discharging Grab Report Report Report mg/l 1 - Final Effluent Permit monthly average daily maximum monthly average daily maximum reqmt. 00530 R Coliform, fecal MF, M-FC broth, Sample \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* meas. 44.5 C \*\*\*\*\* cts/100 ml When Discharging \*\*\*\*\* Report Report Grab 1 - Final Effluent Permit monthly geometric daily maximum 31616 R reqmt. mean Sample Flow \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* meas. When Discharging Report MGD \*\*\*\*\* \*\*\*\*\* Recorded 1 - Final Effluent Report Permit monthly average daily maximum 50050 R regmt Sample **Duration of Discharge** \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* meas. report min/day When Discharging Instantaneous 1 - Final Effluent Permit Reading daily maximum 81381 F reqmt. COMMENTS:

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

Attach anexplanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPLE EXECUTIVE OFFICE	I certify under penalty of law that this document and allattachments were		TELEPHONE	DATE
	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			
Mark Mow/Wastewater Collections SR.	ma nage the system, or those persons directly responsible for gathering the	111 11 7 -		, ,
	information, the information submitted is, to the best of my knowledge and	Mary Mow.	907 586-0393	4/2/18
Operator	belief, true, accurate, and complete. I am aware that there are significant	SIGNATURE OF PRINCIPAL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	penalties for submitting false information, including the possibility of fine and	EXECUTIVE OFFICER OR		
	imprisonment for knowing violations.			
TYPED OR PRINTED	A 964 (1932A-1942A) (1942A)	AUTHORIZED AGENT	AREA/NUMBER	YY/MM/DD

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

CONTACT NAME: Mark Mow

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

MAILING ADDRESS: 155 S. Seward Street

LOCATION: 1540 Thane Rd

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AKOO23213

MONITORING PERIOD: 3/1/2018

ro 3/31/2018

MONITORING POINT: 003 (N11.2) (Q) Sta C

NO DISCHARGE:

Average  Report monthly average	Maximum Report	lbs/day	*****	Average	Maximum		Ex.	Analysis	
	Report	lles (dess							
	Report	The /dest							
	daily maximum	ibs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
	103		*****						
Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
*****	*****		*****						
*****	*****		*****	Report πonthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
			*****	*****	*****	-			
Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
*****			*****	*****	*****			-	
*****	report daily maximum	min/day	*****	******	*****			When Discharging	Instantaneous Reading
	monthly average  *****  Report monthly average  *****	monthly average daily maximum  ******  Report Report daily maximum  ******  report	monthly average daily maximum  ******  Report Report daily maximum  ******  ******  ******  ******  ******	monthly average daily maximum  ******  ******  Report Report daily maximum  ******  ******  ******  ******  ******	monthly average daily maximum	monthly average daily maximum	Report daily maximum	Report daily maximum	monthly average daily maximum

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 OFF			TELEPHONE	DATE
	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	2 274		
Mark Mow/Wastewater Collections	manage the system, or those persons directly responsible for gathering the	101.11-		
	information, the information submitted is, to the best of my knowledge and	Mary. Mow.	907 586-0393	4/0/10
Operator	belief, true, accurate, and complete. I am aware that there are significant	SGNATURE OF PRINCIPAL		1/2/10
	penalties for submitting false information, including the possibility of fine and	EXECUTIVE OFFICER OR		
TYPED OR PRINTED	imprisonment for knowing violations.	AUTHORIZED AGENT	AREA/NUMBER	YY/MM/DD

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

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MAILING ADDRESS: 155 S. Seward Street

LOCATION: 1540 Thane Rd

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AKOO23213

MONITORING PERIOD: 3/1/2018

TO 3/31/2018

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

NO DISCHARGE:

Parameter		Quantity of	or Loading		Quality or Concentration			Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum	1	Ex.	Analysis	
Biochemical Oxygen Demand (BOD5)	Sample meas,			2	*****						
1 - Final Effluent 00310 R		Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids	Sample meas.				*****						
1 - Final Effluent 00530 R		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	Sample meas.	*****	*****		*****						
1 - Final Effluent 31616 R		*****	*****		*****	Report Imonthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
Flow	Sample meas.				*****	*****	*****				
1 - Final Effluent 50050 R	Permit reqmt	Report monthly average	Report daily maximum	MGD	*****	*****	****			When Discharging	Recorded
Duration of Discharge	Sample meas.	*****			*****	*****	*****				
1 - Final Effluent 81381 R	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 anexplanation 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		TELEPHONE	DATE
	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			
Mark Mow/Wastewater Collections SR.	manage the system, or those persons directly responsible for gathering the	11/1/		
	information, the information submitted is, to the best of my knowledge and	MOUX. MONT	907 586-0393	4/2/18
Operator	belief, true, accurate, and complete. I am aware that there are significant	SIGNATURE OF PRINCIPAL		1/2110
	penalties for submitting false information, including the possibility of fine and	EXECUTIVE OFFICER OR		
	imprisonment for knowing violations.		4054 (411144050	VOV / 1-44-4/DD
TYPED OR PRINTED	# · · · · · · · · · · · · · · · · · · ·	AŬTHORIZED AGENT	AREA/NUMBER	YY/MM/DD