

**Permit**

**Permit ID:** AK0023213  
**Permittee:** JUNEAU, CITY AND BOROUGH OF  
**Facility:** JUNEAU, CITY AND BOROUGH OF  
**Permitted Feature:** 001 - External Outfall  
**Report Dates & Status**  
**Monitoring Period:** From 03/01/19 to 03/31/19  
**Status:** NetDMR Validated

**Major:**   
**Permittee Address:** 5433 SHAUNE DRIVE  
 JUNEAU , AK99801  
**Facility Location:** 1540 THANE ROAD  
 JUNEAU , AK99801  
**Discharge:** 001-A - (no description)  
**DMR Due Date:** 04/15/19

**Considerations for Form Completion**

W=WEEKLY AVERAGE

**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	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			
00010	Temperature, water deg. centigrade	Smpl.					=11.8	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.			=4.4		=7.3	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.	=33	=42	26 - lb/d	=7	=11	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.	=854		26 - lb/d	=373		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.	=38		26 - lb/d	=9		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									
00400	pH	Smpl.			=6.5		=6.9	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.	=37	=55	26 - lb/d	=7	=14	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.	=582		26 - lb/d	=255		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.	=55		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.				=3	=7	19 - mg/L	0	01/30 - Monthly	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			
1 - Effluent Gross											
Season: 0		<b>Req.</b>				<=14 MO AVG	<=30 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		<b>NODI</b>									
00610	Nitrogen, ammonia total [as N]	<b>Smpl.</b>				=7		19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - See Comments											
Season: 0		<b>Req.</b>				<=21 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		<b>NODI</b>									
01119	Copper, total recoverable	<b>Smpl.</b>					=0	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
1 - Effluent Gross											
Season: 0		<b>Req.</b>					Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
NODI: -		<b>NODI</b>									
50050	Flow, in conduit or thru treatment plant	<b>Smpl.</b>	=0.71	=1.4	03 - MGD				0	99/99 - Continuous	RC - Recorder (auto)
1 - Effluent Gross											
Season: 0		<b>Req.</b>	<=2.76 MO AVG	<=6 DAILY MX	03 - MGD					99/99 - Continuous	RC - Recorder (auto)
NODI: -		<b>NODI</b>									
61211	Enterococci	<b>Smpl.</b>					=10	13 - #/100mL	0	09/99 - See Permit	GR - GRAB
1 - Effluent Gross											
Season: 0		<b>Req.</b>					Req Mon DAILY MX	13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -		<b>NODI</b>									
74055	Coliform, fecal general	<b>Smpl.</b>				=3	=8	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross											
Season: 0		<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: 0		<b>Req.</b>				<=400 WKLY AVG		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		<b>NODI</b>									
81010	BOD, 5-day, percent removal	<b>Smpl.</b>			=98			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 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>									

**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
4498_001.pdf	pdf	272297

**Report Last Saved By**

**JUNEAU, CITY AND BOROUGH OF**

User: CBJWASTEWATER1  
Name: James Westcott  
E-Mail: jim.westcott@juneau.org  
Date/Time: 2019-04-10 14:50 (Time Zone:-08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
Name: James Westcott  
E-Mail: jim.westcott@juneau.org  
Date/Time: 2019-04-10 15:03 (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

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

PERMIT NUMBER: AK0023213  
 MONITORING PERIOD: 3/1/2019 TO 3/30/2019  
 MONITORING POINT: 002 (N-11) (P) STA. AE  
 NO DISCHARGE: X

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum		Minimum	Maximum					
Biochemical Oxygen Demand (BOD5)	1 - Final Effluent	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	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	*****	*****		*****	*****	Report monthly geometric mean	Report daily maximum	cfu/100 ml	When Discharging	Grab
Flow	1 - Final Effluent	Report monthly average	Report daily maximum	MGD	*****	*****	*****	*****		When Discharging	Recorded
Duration of Discharge	1 - Final Effluent	*****	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  Mark Mow/Wastewater Collections SR. Operator  TYPED OR PRINTED	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.
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  	TELEPHONE 907 586-0393  DATE 4/1/19
AREA/NUMBER	Y/M/M/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: 3/1/2019 TO 3/30/2019  
 MONITORING POINT: 003 (N11.2) (Q) Sta. C NO DISCHARGE: X

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Average	Maximum				
Biochemical Oxygen Demand (BOD5)	1 - Final Effluent	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	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	*****	*****	MGD	*****	Report monthly geometric mean	Report daily maximum	cts/100 ml	When Discharging	Grab
Flow	1 - Final Effluent	Report monthly average	Report daily maximum	MGD	*****	*****	*****		When Discharging	Recorded
Duration of Discharge	1 - Final Effluent	*****	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			907 585-0393	4/1/19
TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA/NUMBER





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

**CONTACT NAME:** Mark Mow  
**MAILING ADDRESS:** 155 S. Seward Street  
 Juneau, AK 99801  
**PERMIT NUMBER:** AK0023213

**MONITORING PERIOD:** 3/1/2019  
**MONITORING POINT:** 004 (N-15.1) (R) Douglas  
**TO** 3/30/2019  
**NO DISCHARGE:** X

Parameter	Sample meas.	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	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	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	*****	*****		*****	*****	Report monthly geometric mean	Report daily maximum	cts/100 ml	When Discharging	Grab
Flow	1 - Final Effluent 50050 R	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	ml/day	*****	*****	*****	*****		When Discharging	Instantaneous Reading
<b>COMMENTS:</b> *****											

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.

<b>NAME/TITLE PRINCIPLE EXECUTIVE OFFICE</b>  Mark Mow/Wastewater Collections SR. Operator	<b>TELEPHONE</b> 907 586-0393	<b>DATE</b> 4/1/19
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.		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	AREA/NUMBER  

