

**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 08/01/18 to 08/31/18

**Status:** NetDMR Validated

**Considerations for Form Completion**

W = WEEKLY AVERAGE

**Principal Executive Officer**

**First Name:** Randall

**Title:** Facility supervisor

**No Data Indicator (NODI)**

**Form NODI:** -

**Major:**

**Permittee Address:** 5433 SHAUNE DRIVE  
JUNEAU , AK99801

**Facility Location:** 1540 THANE ROAD  
JUNEAU-DOUGLAS WWTP  
JUNEAU , AK99801

**Discharge:** 001-A - (no description)

**DMR Due Date:** 09/15/18

**Last Name:** Brown

**Telephone:** 907-586-0390

Parameter Code	Name	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									

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.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00300	Oxygen, dissolved [DO]	Smpl.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
1 - Effluent Gross											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
G - Raw Sewage Influent											
Season: 0		Req.									
NODI: -		NODI									
00310	BOD, 5-day, 20 deg. C	Smpl.									
W - See Comments											
Season: 0		Req.									

Parameter Code	Parameter Name	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
00400	pH									
	1 - Effluent Gross	<b>Smpl.</b>			=6.7					
Season: 0		<b>Req.</b>			>=6.5 MINIMUM					
NODI: -		<b>NODI</b>								
00530	Solids, total suspended									
	1 - Effluent Gross	<b>Smpl.</b>	=89	=226						
Season: 0		<b>Req.</b>	<=690 MO AVG	<=1380 DAILY MX						
NODI: -		<b>NODI</b>								
00530	Solids, total suspended	<b>Smpl.</b>	=2523							
G - Raw Sewage Influent										
Season: 0		<b>Req.</b>	Req Mon MO AVG							
NODI: -		<b>NODI</b>								
00530	Solids, total suspended	<b>Smpl.</b>	=212							
W - See Comments										
Season: 0		<b>Req.</b>	<=1035 WKLY AVG							
NODI: -		<b>NODI</b>								
00610	Nitrogen, ammonia total [as N]	<b>Smpl.</b>								
	1 - Effluent Gross									
Season: 0		<b>Req.</b>								
NODI: -		<b>NODI</b>								
00530	Solids, total suspended	<b>Smpl.</b>	=212							
W - See Comments										
Season: 0		<b>Req.</b>	<=1035 WKLY AVG							
NODI: -		<b>NODI</b>								
00610	Nitrogen, ammonia total [as N]	<b>Smpl.</b>								
	1 - Effluent Gross									
Season: 0		<b>Req.</b>								
NODI: -		<b>NODI</b>								

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			
00610	Nitrogen, ammonia total [as N]	Smpl.				=5		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									
50050	Flow, in conduit or thru treatment plant	Smpl.	=1.02	=1.8	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.				=10		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.				=11		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross											
Season: 0		Req.				<=200 MO GEOMN		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI									
74055	Coliform, fecal general	Smpl.				=42		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments											
Season: 0		Req.				<=400 WKLY AVG		13 - #/100mL		01/07 - Weekly	GR - GRAB

Parameter Code	Parameter Name	NODI	Quantity or Loading		Units	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type	
			Value 1	Value 2		Value 1	Value 2	Value 3					
81010	BOD, 5-day, percent removal	NODI			=98					23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal													
Season: 0		Req.											
NODI: -		NODI			>=85 MN % RMV					23 - %		01/30 - Monthly	CA - CALCTD
81011	Solids, suspended percent removal	Smpl.			=97					23 - %	0	01/30 - Monthly	CA - CALCTD
K - Percent Removal													
Season: 0		Req.											
NODI: -		NODI			>=85 MN % RMV					23 - %		01/30 - Monthly	CA - CALCTD

**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
3693_001.pdf	pdf	290854

**Report Last Saved By**

**JUNEAU, CITY AND BOROUGH OF**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2018-09-14 11:14 (Time Zone: -08:00)

**Report Last Signed By**

User: CBJWASTEWATER1  
 Name: James Westcott  
 E-Mail: jim.westcott@juneau.org  
 Date/Time: 2018-09-14 11:14 (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  
 PERMIT NUMBER: AK0023213


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

MONITORING PERIOD: 8/1/2018 TO 8/31/2018  
 MONITORING POINT: 002 (N-11) (P) Sta.AE NO DISCHARGE: X

Parameter	Sample meas.	Quantity or Loading		Units	Quantity or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum		Minimum	Maximum					
Biochemical Oxygen Demand (BOD5)	Sample meas.	Report monthly average	Report daily maximum	lbs/day	*****	*****	Report monthly average	Report daily maximum	mg/l	When Discharging	Grab
1 - Final Effluent 00310 R	Permit reqmt.	*****	*****	*****	*****	*****	Report monthly average	Report daily maximum	mg/l	When Discharging	Grab
Total Suspended Solids	Sample meas.	Report monthly average	Report daily maximum	lbs/day	*****	*****	Report monthly average	Report daily maximum	mg/l	When Discharging	Grab
1 - Final Effluent 00530 R	Permit reqmt.	*****	*****	*****	*****	*****	Report monthly average	Report daily maximum	mg/l	When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C	Sample meas.	*****	*****	*****	*****	*****	Report monthly geometric mean	Report daily maximum	cts/100 ml	When Discharging	Grab
1 - Final Effluent 31616 R	Permit reqmt.	*****	*****	*****	*****	*****	Report monthly geometric mean	Report daily maximum	cts/100 ml	When Discharging	Grab
Flow	Sample meas.	Report monthly average	Report daily maximum	MGD	*****	*****	*****	*****		When Discharging	Recorded
1 - Final Effluent 50050 R	Permit reqmt.	*****	*****	*****	*****	*****	*****	*****		When Discharging	Recorded
Duration of Discharge	Sample meas.	*****	*****	*****	*****	*****	*****	*****		When Discharging	Instantaneous Reading
1 - Final Effluent 81381 R	Permit reqmt.	*****	*****	*****	*****	*****	*****	*****		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.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator				907 586-0393	9/4/18
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  
 PERMIT NUMBER: AK0023213

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

MONITORING PERIOD: 8/1/2018 TO 8/31/2018  
 MONITORING POINT: 004 (N-15.1) (R) Douglas 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	Sample meas. *****	*****		*****	*****	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. *****	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	<i>Mark Mow</i>		907 586-0393	8/4/18
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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: 8/1/2018 TO 8/31/2018  
 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		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. *****	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.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator				907 586-0393	9/4/18
TYPED OR PRINTED			AREA/NUMBER		YY/MM/DD

