

Permit

Permit ID: AK0023213

Major: 5433 SHAUNE DRIVE
JUNEAU , AK99801

Permittee: JUNEAU, CITY AND BOROUGH OF

Permittee Address: 1540 THANE ROAD
JUNEAU , AK99801

Facility: JUNEAU, CITY AND BOROUGH OF

Facility Location: 001-A - (no description)

Permitted Feature: 001 - External Outfall

Discharge: 001-A - (no description)

Report Dates & Status

Monitoring Period: From 05/01/19 to 05/31/19

DMR Due Date: 06/15/19

Status: NetDMR Validated

Considerations for Form Completion

W=WEEKLY AVERAGE

Principal Executive Officer

First Name: Randall

Last Name: brown

Title: Supervisor

Telephone: 907-586-0393

No Data Indicator (NODI)

Form NODI: -

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			

Parameter Code	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				
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.	=62	=157	26 - lb/d	=8	=20	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.	=1888		26 - lb/d	=266		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.	=36		26 - lb/d	=5		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 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			
00400	pH									
1 - Effluent Gross										
Season: 0										
NODI: -										
00530	Solids, total suspended									
1 - Effluent Gross										
Season: 0										
NODI: -										
00530	Solids, total suspended									
G - Raw Sewage Influent										
Season: 0										
NODI: -										
00530	Solids, total suspended									
W - See Comments										
Season: 0										
NODI: -										
00610	Nitrogen, ammonia total [as N]									
1 - Effluent Gross										
Season: 0										
NODI: -										
00610	Nitrogen, ammonia total [as N]									
1 - Effluent Gross										
Season: 0										
NODI: -										

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				
00610	Nitrogen, ammonia total [as N]	Smpl.				=3			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.	=0.87	=1.98	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.				=5			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.				=1	=26		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.				<=200 MO GEOMN	<=800 DAILY MX		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.				=13			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	Value 1	Quality or Concentration			Units	# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2			Value 1	Value 2	Value 3				
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 %				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 %				23 - %		01/30 - Monthly	CA - CALCTD
NODI: -		NODI											

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: 5/1/2019 TO 5/31/2019
 MONITORING POINT: 003 (N-11.2) (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.		TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		907 586-0393	6/3/19
TYPED OR PRINTED			AREA/NUMBER	yy/mm/dd

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 Juneau, AK 99801

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

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 5/1/2019 TO 5/31/2019
 MONITORING POINT: 004 (N-15.1) (R) Douglas

NO DISCHARGE: X

Parameter	Sample meas. Permit reqmt.	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	min/day	*****	*****	*****	*****		When Discharging	Instantaneous Reading
COMMENTS:											

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 Juneau, AK 99801

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

MONITORING PERIOD: 5/1/2019 TO 5/31/2019
 MONITORING POINT: 002 (N-11) (P) Sta. AE

NO DISCHARGE: X

Parameter	Sample meas. Permit reqmt.	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	ct/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	min/day	*****	*****	*****	*****		When Discharging	Instantaneous Reading
COMMENTS:											

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Mark Mow/Wastewater Collections SR. Operator						907 586-0393	6/3/19
TYPED OR PRINTED						AREA/NUMBER	YY/MM/DD