

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 02/01/18 to 02/28/18
Status: **NetDMR Validated**

DMR Due Date: 03/15/18

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			# 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			
00010	Temperature, water deg. centigrade	Smpl.					=12.5	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.			=3.8		=6.4	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.	=39	=71	26 - lb/d	=9	=18	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.	=1322		26 - lb/d	=308		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.	=58		26 - lb/d	=13		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										
1 - Effluent Gross		Smpl.				=6.5	=7.8	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										
1 - Effluent Gross		Smpl.	=38	=52	26 - lb/d	=9	=14	19 - mg/L	0	01/30 - Monthly	24 - COMP24
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										
G - Raw Sewage Influent		Smpl.	=1130		26 - lb/d	=265		19 - mg/L	0	01/30 - Monthly	24 - 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										
W - See Comments		Smpl.	=49		26 - lb/d	=13		19 - mg/L	0	01/30 - Monthly	24 - COMP24
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]										
1 - Effluent Gross		Smpl.				=3	=6	19 - mg/L	0	01/30 - Monthly	24 - COMP24
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.				=6			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.	=0.52	=0.77	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 - Effluent Gross												
Season: 0		Req.						Req Mon DAILY MX		13 - #/100mL	09/99 - See Permit	GR - GRAB
NODI: -		NODI						9 - Concitional Monitoring - Not Required This Period				
74055	Coliform, fecal general	Smpl.				=5	=20		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.				=20			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments												

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				
Season: 0		Req.					<=400 WKLY AVG		13 - #/100mL	01/07 - Weekly	GR - GRAB	
NODI: -		NODI										
81010	BOD, 5-day, percent removal	Smpl.				=97			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.				=97			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
2910_001.pdf	pdf	271091

Report Last Saved By**JUNEAU, CITY AND BOROUGH OF**

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2018-03-13 13:14 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2018-03-13 13:14 (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: 2/1/2018 TO 2/28/2018
 MONITORING POINT: 002 (N-11) (P) Sta.AE NO DISCHARGE:

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			907 586-0393	3/1/18
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: 2/1/2018

TO 2/28/2018

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

NO DISCHARGE:

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)	Sample meas.				*****						
	1 - Final Effluent 00310 R Permit reqmt.	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 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	Sample meas.	*****	*****		*****						
	1 - Final Effluent 31616 R Permit reqmt.	*****	*****		*****	Report monthly 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:

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Mark Mow/Wastewater Collections SR Operator		<i>Mark J. Mow</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907 586-0393
TYPED OR PRINTED		AREA/NUMBER	YY/MM/DD

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 MAILING ADDRESS: 155 S. Seward Street
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FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY
 LOCATION: 1540 Thane Rd
 Juneau, AK 99801

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 2/1/2018

TO 2/28/2018

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

NO DISCHARGE:

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

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Mark Mow/Wastewater Collections SR. Operator		<i>Mark J. Mow.</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907 586-0393
TYPED OR PRINTED		AREA/NUMBER	YY/MM/DD