

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)

Monitoring Period: From 04/01/18 to 04/30/18

DMR Due Date: 05/15/18

Status: NetDMR Validated

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: -

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

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	Units
00010	Temperature, water deg. centigrade	Smpl.					=12.4		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: -												
00300	Oxygen, dissolved [DO]	Smpl.					=6.5		19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.					<=17 DAILY MN		19 - mg/L		05/WK - Five Per Week	GR - GRAB
NODI: -												
00310	BOD, 5-day, 20 deg. C	Smpl.					=7		19 - mg/L	0	01/30 - Monthly	24 - COMP24
1 - Effluent Gross												
Season: 0		Req.					<=30 MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -												
00310	BOD, 5-day, 20 deg. C	Smpl.					=331		19 - mg/L	0	01/30 - Monthly	24 - COMP24
G - Raw Sewage Influent												
Season: 0		Req.					Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -												
00310	BOD, 5-day, 20 deg. C	Smpl.					=11		19 - mg/L	0	01/30 - Monthly	24 - COMP24
W - See Comments												
Season: 0		Req.					<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP24

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					
00400 pH 1 - Effluent Gross	NODI				=6.8				12 - SU	0	05/WK - Five Per Week	GR - GRAB
Season: 0	Req.				>=6.5 MINIMUM				12 - SU		05/WK - Five Per Week	GR - GRAB
NODI: -	NODI											
00530 Solids, total suspended 1 - Effluent Gross	NODI				=26 - lb/d				=5 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	0	01/30 - Monthly	24 - COMP24
NODI: -	NODI											
00530 Solids, total suspended G - Raw Sewage Influent	NODI				=26 - lb/d				=314 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	NODI				=26 - lb/d				=8 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	NODI								=10 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											

Code	Parameter Name	NODI	Quantity or Loading		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.			=15		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.	=0.69	=1.8				03 - MGD	99/99 - Continuous	RC - Recorder (auto)	
1 - Effluent Gross											
Season: 0		Req.	<=2.76 MO AVG	<=6 DAILY MX					99/99 - Continuous	RC - Recorder (auto)	
NODI: -		NODI									
61211	Enterococci	Smpl.				=1	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.			=2	=8	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.			=8		13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
W - See Comments											
Season: 0		Req.			<=400 WKLY AVG		13 - #/100mL		01/07 - Weekly	GR - GRAB	

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			=100					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.			=100					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
3282_001.pdf	pdf	276667

Report Last Saved By

JUNEAU, CITY AND BOROUGH OF

User: CBJWASTEWATER1
 Name: James Westcott
 E-Mail: jim.westcott@juneau.org
 Date/Time: 2018-05-15 10:39 (Time Zone:--08:00)

Report Last Signed By

User: CBJWASTEWATER1
 Name: James Westcott
 E-Mail: jim.westcott@juneau.org
 Date/Time: 2018-05-15 10:39 (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

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

PERMIT NUMBER: AK0023213
 MONITORING PERIOD: 4/1/2018 TO 4/30/2018
 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	TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator	907 586-0393	5/1/18
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
		

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 Juneau, AK 99801

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

MONITORING PERIOD: 4/1/2018 TO 4/30/2018
 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	Average				
Biochemical Oxygen Demand (BOD5)	1 - Final Effluent 00310 R	Permit reqt.	Report monthly average	lbs/day	*****	Report monthly average	mg/l		When Discharging	Grab
Total Suspended Solids	1 - Final Effluent 00530 R	Permit reqt.	Report monthly average	lbs/day	*****	Report monthly average	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C	1 - Final Effluent 31616 R	Permit reqt.	Report monthly average	MGD	*****	Report monthly geometric mean	cts/100 ml		When Discharging	Grab
Flow	1 - Final Effluent 50050 R	Sample meas.	Report monthly average	MGD	*****	*****			When Discharging	Recorded
Duration of Discharge	1 - Final Effluent 81381 R	Permit reqt.	Report daily maximum	min/day	*****	*****			When Discharging	Instantaneous Reading
COMMENTS:										

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Mark Mow/Wastewater Collections SR. Operator	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		907 586-0393	5/1/18
TYPED OR PRINTED			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
 Juneau, AK 99801
 PERMIT NUMBER: AK0023213

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

MONITORING PERIOD: 4/1/2018 TO 4/30/2018
 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	*****	report daily maximum	min/day	*****	*****	*****	*****			When Discharging	Instantaneous Reading
COMMENTS:												

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TYPED OR PRINTED	AREA/NUMBER	YY/MM/DD

