

Permit

Permit ID: AK0023213
Permittee: JUNEAU, CITY AND BOROUGH OF
Facility: JUNEAU, CITY AND BOROUGH OF
Permitted Feature: 001 - External Outfall

Major:
Permittee Address: 5433 SHAUNE DRIVE
 JUNEAU , AK99801
Facility Location: 1540 THANE ROAD
 JUNEAU , AK99801
Discharge: 001-A - (no description)

Report Dates & Status

Monitoring Period: From 08/01/19 to 08/31/19
Status: NetDMR Validated

DMR Due Date: 09/15/19

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	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.						=21.6	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.				=3.4		=5.8	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.	=42	=81	26 - lb/d		=6	=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.	=3637		26 - lb/d		=517		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.	=71		26 - lb/d		=8		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.				=6.8		=7.3	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.	=40	=149	26 - lb/d		=5	=12	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.	=4672		26 - lb/d		=772		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.	=120		26 - lb/d		=11		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.					=4	=4	19 - mg/L	0	01/30 - Monthly	24 - COMP24

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			
1 - Effluent Gross											
Season: 0		Req.				<=14 MO AVG	<=30 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
NODI: -		NODI									
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.	=0.85	=1.6	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.					=3	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.				=3	=70	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.				=70		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
W - See Comments											
Season: 0		Req.				<=400 WKLY AVG		13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI									
81010	BOD, 5-day, percent removal	Smpl.			=99			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.			=99			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
0077_001.pdf	pdf	282114

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

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2019-09-15 08:47 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2019-09-15 08:48 (Time Zone:-08:00)

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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: 8/1/2019 TO 8/31/2019
 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	Average				
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		TELEPHONE		DATE
Mark Mow/Wastewater Collections SR. Operator		907 586-0393		9/2/19
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
 PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY
 LOCATION: 1540 Thane Rd
 Juneau, AK 99801
 MONITORING PERIOD: 8/1/2019 TO 8/31/2019
 MONITORING POINT: 003 (N-11.2) (P) 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:

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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	9/2/19
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: 8/1/2019 TO 8/31/2019
 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	*****	*****		*****	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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 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	8/2/19
TYPED OR PRINTED							

