

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

DMR Due Date: 07/15/18

Report Dates & Status

Monitoring Period: From 06/01/18 to 06/30/18
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: -

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	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.					=18.7	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.			=3.7		=5.5	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: -											
00310	BOD, 5-day, 20 deg. C	Smpl.	=64	=155	26 - lb/d	=9	=21	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: -											
00310	BOD, 5-day, 20 deg. C	Smpl.	=2129		26 - lb/d	=306		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: -											
00310	BOD, 5-day, 20 deg. C	Smpl.	=102		26 - lb/d	=15		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: -											
00400	pH	Smpl.			=6.5		=7.2	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: -											
00530	Solids, total suspended	Smpl.	=102	=162	26 - lb/d	=25	=15	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: -											
00530	Solids, total suspended	Smpl.	=1750		26 - lb/d	=253		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: -											
00530	Solids, total suspended	Smpl.	=144		26 - lb/d	=21		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: -											
00610	Nitrogen, ammonia total [as N]	Smpl.				=4	=6	19 - mg/L	0	01/30 - Monthly	24 - COMP24

Parameter 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			
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.				=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									
01119	Copper, total recoverable	Smpl.									
1 - Effluent Gross											
Season: 0		Req.						Req Mon DAILY MX		01/90 - Quarterly	24 - COMP24
NODI: -		NODI						9 - Conditional Monitoring - Not Required This Period			
50050	Flow, in conduit or thru treatment plant	Smpl.	=0.76	=1.1	03 - MGD					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		09/99 - See Permit	GR - GRAB
NODI: -		NODI									
74055	Colliform, fecal general	Smpl.				=16	=31	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	Colliform, fecal general	Smpl.				=31		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.				=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.				=94		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
3479_001.pdf	pdf	270959

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

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2018-07-11 17:59 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org
Date/Time: 2018-07-11 18:02 (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: 6/1/2018 TO 6/30/2018
 MONITORING POINT: 004 (N-15.1) (R) Douglas NO DISCHARGE: X

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.	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	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	7/2/18
TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA/NUMBER

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: 6/1/2018 TO 6/30/2018
 MONITORING POINT: 002 (N-11) (P) Sta.AE
 NO DISCHARGE:

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	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	Report monthly average	Report daily maximum	lbs/day	*****	*****	Report monthly average	Report daily maximum	mg/l	When Discharging	Grab
	00530 R	Sample meas.	Report monthly average	*****	*****	Report monthly geometric mean	Report daily maximum	cts/100 ml	When Discharging	Recorded	
Coliform, fecal MF, M-FC broth, 44.5 C	1 - Final Effluent	*****	*****	*****	*****	*****	*****	*****	*****	When Discharging	Instantaneous Reading
	31616 R	Sample meas.	Report monthly average	*****	*****	*****	*****	*****	*****	When Discharging	Recorded
Duration of Discharge	1 - Final Effluent	*****	*****	MGD	*****	*****	*****	*****	*****	When Discharging	Instantaneous Reading
	50050 R	Sample meas.	Report monthly average	*****	*****	*****	*****	*****	*****	When Discharging	Recorded
COMMENTS: 1 - Final Effluent 81381 R											

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 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPLE EXECUTIVE OFFICE Mark Mow/Wastewater Collections SR. Operator	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 
TELEPHONE 907 586-0393	DATE 7/12/18
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: 6/1/2018 TO 6/30/2018
 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)	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.	*****	*****		*****	*****					
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.	*****	*****		*****	*****					
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.	*****	*****		*****	*****					
Flow	Sample meas.	Report monthly average	Report daily maximum	MGD	*****	*****				When Discharging	Recorded
1 - Final Effluent 50050 R	Permit reqmt.	*****	*****		*****	*****					
Duration of Discharge	Sample meas.	*****	*****	min/day	*****	*****				When Discharging	Instantaneous Reading
1 - Final Effluent 81381 R	Permit reqmt.	*****	*****		*****	*****					

COMMENTS:

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 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPLE EXECUTIVE OFFICE Mark Mow/Wastewater Collections SR. Operator TYPED OR PRINTED	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 907 586-0393 DATE 7/2/18

