

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 , AK99801

Permitted Feature: 001 - External Outfall

Discharge:

001-A - (no description)

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19

DMR Due Date:

07/15/19

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			

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				
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	Parameter 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			
NODI: -	00400 pH									
	1 - Effluent Gross	Smpl.			=6.5			0	05/WK - Five Per Week	GR - GRAB
Season: 0		Req.			>=6.5 MINIMUM				05/WK - Five Per Week	GR - GRAB
NODI: -	00530 Solids, total suspended									
	1 - Effluent Gross	Smpl.	=76	=189				0	01/30 - Monthly	24 - COMP24
Season: 0		Req.	<=690 MO AVG	<=1380 DAILY MX					01/30 - Monthly	24 - COMP24
NODI: -	00530 Solids, total suspended									
	G - Raw Sewage Influent	Smpl.	=1888					0	01/30 - Monthly	24 - COMP24
Season: 0		Req.	Req Mon MO AVG						01/30 - Monthly	24 - COMP24
NODI: -	00530 Solids, total suspended									
	W - See Comments	Smpl.	=38					0	01/30 - Monthly	24 - COMP24
Season: 0		Req.	<=1035 WKLY AVG						01/30 - Monthly	24 - COMP24
NODI: -	00610 Nitrogen, ammonia total [as N]									
	1 - Effluent Gross	Smpl.			=3	=4		0	01/30 - Monthly	24 - COMP24
Season: 0		Req.			<=45 WKLY AVG				01/30 - Monthly	24 - COMP24
NODI: -	1 - Effluent Gross									
Season: 0		Req.			<=14 MO AVG	<=30 DAILY MX			01/30 - Monthly	24 - COMP24
NODI: -										

Parameter Name	NODI	Quantity or Loading		Units	Quality or Concentration			# 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										
01119 Copper, total recoverable	Smpl.					=10		28 - ug/L	0	01/90 - Quarterly	24 - COMP24
1 - Effluent Gross											
Season: 0	Req.							28 - ug/L		01/90 - Quarterly	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.					=1		13 - #/100mL	0	09/99 - See Permit	GR - GRAB
1 - Effluent Gross											
Season: 0	Req.							13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -	NODI										
74055 Coliform, fecal general	Smpl.					=1		13 - #/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross											
Season: 0	Req.							13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -	NODI										
Season: 0	Req.							<=200 MO GEOMN		<=800 DAILY MX	

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				
NODI: -	74055 Coliform, fecal general	NODI										
	W - See Comments	Smpl.				=13			13 - #/100mL	0	01/07 - Weekly	GR - GRAB
Season: 0		Req.				<=400 WKLY AVG			13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI: -	81010 BOD, 5-day, percent removal	NODI										
	K - Percent Removal	Smpl.				=98			23 - %	9	01/30 - Monthly	CA - CALCTD
Season: 0		Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCTD
NODI: -	81011 Solids, suspended percent removal	NODI										
	K - Percent Removal	Smpl.				=98			23 - %	0	01/30 - Monthly	CA - CALCTD
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 not 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
4758_001.pdf	pdf	110131
4759_001.pdf	pdf	268415

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

User: CBJWASTEWATER1
 Name: James Westcott
 E-Mail: jim.westcott@juneau.org
 Date/Time: 2019-07-11 11:17 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
 Name: James Westcott
 E-Mail: jim.westcott@juneau.org
 Date/Time: 2019-07-11 11:17 (Time Zone:-08:00)



Alaska Department of Environmental Conservation

Division of Water, Compliance and Enforcement Program

555 Cordova Street

Anchorage, Alaska 99501

Nationwide Toll Free: 1(877) 569-4114 Anchorage/International: (907) 269-4114

Fax: (907) 269-4604 E-mail address: dec-wqreporting@alaska.gov.

NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION		PERMIT# (if any): AK0023213
Owner or Operator: City and Borough of Juneau	Facility Name: Juneau Douglas Wastewater Treatment Facility	Facility Location: Juneau, AK
Person Reporting: Rico Tempel	Phone Numbers of Person Reporting: 907-586-0393	Reported How? (e.g. by phone): NETDMR
Date/Time Event was Noticed: 6/21/2019 @ 1107 am	Date/Time Reported: 6/24/2019 @ 0905 am	Name of DEC Staff Contacted: NETDMR

VERBAL NOTIFICATION MUST BE MADE TO ADEC WITHIN 24 HOURS OF DISCOVERY OF NONCOMPLIANCE

INCIDENT DETAILS (attach additional sheets, lab reports, and photos as necessary)

Period of Noncompliance	Start Date/Time (exact): 6//18/201/98 @ 0816	End Date/Time (exact): 6/19/2019 @ 0816
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A		
Estimated Quantity involved (volume or weight): Unknown		
Description of the noncompliance and its cause (be specific): A hydraulic surge caused a washout of floatable materials from surface of the clarifiers.		
Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice) Increased waste removal from system.		

Permit Condition Deviation (Identify each permit condition exceeded during the event.)

<u>Parameter (e.g. BOD pH)</u>	<u>Permit Limit</u>	<u>Exceedance (sample result)</u>	<u>Sample Date</u>
BOD, mg/l	30 mg/l	62 mg/l	6/18/2019 – 6/19/2019
TSS mg/l	30 mg/l	144 mg/l	6/18/2019 – 6/19/2019

Corrective Actions (Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of recurrence.)

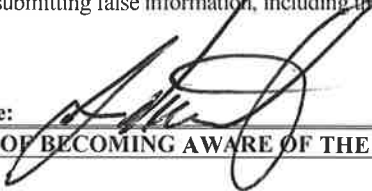
N/A

Environmental Damage: (if yes, provide details below) Yes No Unknown

Actual /Potential Impact on Environment/Public Health (describe in detail)

Unknown

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 evaluate 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.

Name: Jim Westcott **Title:** Senior Operator **Signature:**  **Date:** 6/26 /2019

FORMS MUST BE SENT TO ADEC WITHIN FIVE DAYS OF BECOMING AWARE OF THE EVENT.

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: 6/1/2019 TO 6/30/2019
 MONITORING POINT: 002 (N-11) (P) Sta. AE

NO DISCHARGE: X

Parameter	Sample meas. Permitt 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	Sample meas. *****	*****		*****	*****	Report monthly geometric mean	Report daily maximum	ctf/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.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Mark Mow/Wastewater Collections SR. Operator				907 586-0393	7/1/19
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

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

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 6/1/2019 TO 6/30/2019
 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 Permit	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 Permit	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 Permit	*****	*****	cts/100 ml	*****	*****	Report monthly geometric mean	Report daily maximum			When Discharging	Grab
Flow	1 - Final Effluent Permit	Report monthly average	Report daily maximum	MGD	*****	*****	*****	*****			When Discharging	Recorded
Duration of Discharge	1 - Final Effluent Permit	*****	Report daily maximum	min/day	*****	*****	*****	*****			When Discharging	Instantaneous Reading
COMMENTS:												

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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: 6/1/2019 TO 6/30/2019
 MONITORING POINT: 004 (N-15.1) (R) Douglas
 NO DISCHARGE: X

Parameter	Sample meas. 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	*****	report daily maximum	min/day	*****	*****	*****	*****			When Discharging	Instantaneous Reading

COMMENTS:

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Mark Mow/Wastewater Collections SR. Operator			907 586-0393	7/1/19
TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA/NUMBER