Permit

Permit ID:

AK0023213

Major:

Permittee:

JUNEAU, CITY AND BOROUGH OF

Permittee Address:

5433 SHAUNE DRIVE JUNEAU , AK99801

Facility:

JUNEAU, CITY AND BOROUGH OF

1540 THANE ROAD JUNEAU , AK99801

Permitted Feature:

001 - External Outfall

001-A - (no description)

Report Dates & Status

**Monitoring Period:** 

From 03/01/19 to 03/31/19

DMR Due Date:

Facility Location:

Discharge:

04/15/19

**NetDMR Validated** 

Considerations for Form Completion

W=WEEKLY AVERAGE

Principal Executive Officer First Name:

Randall

**Last Name:** 

Brown

Title:

Supervisor

907-586-0393

Smpl. Type

Pa	rameter	NODI	Quant	ity or Loading			Quality or Co	ncentration		# of	Freq. of Analysis	Smp Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	Ex.	Analysis	Тур
	Temperature, water deg. centigrade	Smpl.						=11.8	04 - deg C	0	05/WK - Five Per Week	GR - GRAB
L - Efflu	ent Gross										05.0444	
Season	0	Req.						Req Mon DAILY MX	04 - deg C		05/WK - Five Per Week	GR = GRAB
NODI: -		NODI										
	Oxygen, dissolved [DO] ent Gross	Smpl.				=4.4		=7.3	19 - mg/L	0	05/WK - Five Per Week	GR - GRAB
									19 -		05/WK -	GR =
Season:	0	Req.				>=2 DAILY MN		<=17 DAILY MX	mg/L		Five Per Week	GRAB
NODI: -		NODI										
	20 deg. C	Smpl.	=33	=42	26 - lb/d		=7	=11	19 - mg/L	0	01/30 - Monthly	24 - COMP
	ent Gross		<=690 MO	<=1380 DAILY	26 -		<=30 MO		19 -		01/30 -	24 -
Season:		Req.	AVG	MX	lb/d		AVG	<=60 DAILY MX	mg/L		Monthly	COMP
IODI: -		NODI										
	BOD, 5-day, 20 deg. C Sewage	Smpl.	=854		26 - lb/d		=373		19 - mg/L	0	01/30 - Monthly	24 - COMP
eason:		Req.	Req Mon MO AVG		26 - lb/d		Req Mon MO AVG		19 - mg/L		01/30 - Monthly	24 - COMP
IODI: -		NODI							3,			
00310	BOD, 5-day, 20 deg. C	Smpl.	=38		26 - lb/d		=9		19 - mg/L	0	01/30 - Monthly	24 COMP
V - See	Comments				, .				9, =		· ionemy	20111
eason:	0	Req.	<=1035 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP
IODI: -		NODI										
0400 Efflu	pH ent Gross	Smpl.				=6.5		=6.9	12 - SU	0	05/WK - Five Per Week	GR - GRAB
eason:	0	Req.				>=6.5 MINIMUM		<=8.5 MAXIMUM	12 - SU		05/WK - Five Per	GR -
IODI: -		NODI									Week	
0530	Solids, total suspended	Smpl.	=37	=55	26 - lb/d		=7	=14	19 - mg/L	0	01/30 - Monthly	24 - COMP
	ent Gross		<=690 MQ	<=1380 DAILY	26 -		<=30 MO		19 -		01/30 -	24 -
eason:		Req.	AVG	MX	lb/d		AVG	<=60 DAILY MX	mg/L		Monthly	COMP
ODI: -		NODI										
i - Raw	Solids, total suspended Sewage	Smpl.	=582		26 - lb/d		=255		19 - mg/L	0	01/30 - Monthly	24 - COMP
nfluent eason:		Req.	Reg Mon MO		26 -		Req Mon MO		19 -		01/30 -	24 -
IODI: -		NODI	AVG		lb/d		AVG		mg/L		Monthly	СОМР
	Solids, total suspended				26 -				19 -		01/30 -	24 -
/ - See	Comments	Smpl.	=55		lb/d		=10		mg/L	0	Monthly	COMP
eason:	0	Req.	<=1035 WKLY AVG		26 - lb/d		<=45 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP
ODI: -		NODI										
0610	Nitrogen, ammonia total [as N]	Smpl.					=3	=7	19 - mg/L	0	01/30 - Monthly	24.± COMP

Pa	rameter	NODI	Quan	tity or Loading			Quality or Co	ncentration		#	Freq. of	Smpl
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	et et	Analysis	Туре
1 - Effli	ent Gross											
Season	0	Req.					<=14 MO AVG	<=30 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP2
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.					=7		19 - mg/L	0	01/30 - Monthly	24 = COMP2
W - See	Comments											
Season	0	Req.					<=21 WKLY AVG		19 - mg/L		01/30 - Monthly	24 - COMP2
NODI: -		NODI										
1119	Copper, total recoverable	Smpl.						=0	28 - ug/L	0	01/90 -	24 =
Efflu	ent Gross	O.I.Ipii						· ·	20 09,2	·	Quarterly	COMP
Season	0	Req.						Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP
· :IDO		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=0.71	=1.4	03 - MGD					0	99/99 - Continuous	RC - Record (auto)
1 - Efflu	ent Gross											
Season	0	Req.	<=2.76 MO AVG	<=6 DAILY MX	03 - MGD						99/99 - Continuous	RC - Record (auto)
IODI: -		NODI										
1211	Enterococci	Smpl.						=10	13 -	0	09/99 -	GR =
L - Efflu	ent Gross	J							#/100mL	·	See Permit	GRAB
Season	0	Req.						Req Mon DAILY MX	13 - #/100mL		09/99 - See Permit	GR - GRAB
NODI: -		NODI										
4055	Coliform, fecal general	Smpi.					=3	=8	13 - #/100mL	0	01/07 - Weekly	GR = GRAB
l - Efflu	ent Gross								#/ 1001112		Weekly	GIVID
Season	0	Req.					<=200 MO GEOMN	<=800 DAILY MX	13 - #/100mL		01/07 - Weekly	GR - GRAB
NODI:		NODI										
	Coliform, fecal general Comments	Smpl.					=8		13 - #/100mL	0	01/07 - Weekly	GR ∓ GRAB
Season:		Pos					<=400 WKLY		13 -		01/07 -	GR -
		Req.					AVG		#/100mL		Weekly	GRAB
NODI: - 81010	BOD, 5-day, percent removal	NODI Smpl.				=98			23 - %	0	01/30 -	CA =
( - Perc	ent Removal										Monthly	CALCT
eason:	0	Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA =
IODI: -		NODI				7011 ¥					Pronuny	CMLCI
1011	Solids, suspended percent removal	Smpl.				=97			23 - %	0	01/30 - Monthly	CA - CALCT
C - Perc	ent Removal											
Season:	0	Req.				>=85 MN % RMV			23 - %		01/30 - Monthly	CA - CALCT
IODI: -		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	Туре	Size
4498_001.pdf	pdf	272297

## Report Last Saved By

## JUNEAU, CITY AND BOROUGH OF

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org

Date/Time: 2019-04-10 14:50 (Time Zone:-08:00)

Report Last Signed By

User: CBJWASTEWATER1
Name: James Westcott
E-Mail: jim.westcott@juneau.org

Date/Time: 2019-04-10 15:03 (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: 3/1/2019

MONITORING POINT: 002 (N-11) (P) STA. AE

ō 3/30/2019 NO DISCHARGE:

							1 ( 1) (TT N) 700	017. AE		TAC DISCITIONOE:	×
Parameter		Quantity or Loading	r Loading	Units	Qua	Quality or Concentration		Units	ĕ	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	į
Biochemical Oxygen Demand	Sample										
	meas.				*****						
1 - Final Effluent	Permit	Report	Report	lbs/day	*****	Report	Report	₹		When Discharging	Grab
00310 R	reqmt.	monthly average	daily maximum			monthly average	daily maximum				
Total Suspended Solids	Sample				*****						
	meas.				4						
1 - Final Effluent	Permit	Report	Report	lbs/day	!	Report	Report	mg/i	ě	When Discharging	GRAD
00530 R requit	requit	monthly average	daily maximum			monthly average	daily maximum				
m, fecal MF, M-FC broth,	Sample	***	**								
44.5 C	meas.				4 4 4						
1 - Final Effluent	Permit	*****	i			Report	Report	cts/100 ml	00	When Discharging	grab
31616 R	reqmt					monthly geometric	dally maximum				
Flow	Sample				*****	****	****				
1 - Final Effluent	Permit	Report	Report	MGD	:	:	:			When Discharging	Recorded
	reqmt	monthly average	daily maximum								
Duration of Discharge	Sample	****			****	****	****				
1 Final Figure	ē		1		0.0200 0.00	_	ì		ł		
1 - Final Effluent 81381 R	Permit reqmt.	İ	report daily maximum	min/day	古书 教会 表面	į	***		4	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.

TYPED OR PRINTED			Mark Mow/Wastewater Collections SR			NAME/TITLE PRINCIPLE EXECUTIVE OFFICE
imprisonment for knowing violations.	penalties for submitting false information, including the possibility of fine and	information, the information submitted is to the best of my knowledge and	information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the	designed to assure that qualified personnel properly gather and evaluated the	prepared under my direction or supervision in accordance with a system	NAME/TITLE PRINCIPLE EXECUTIVE OFFICE   I certify under penalty of law that this document and all attachments were
ED AGENT	SIGNATURE OF PRINCIPAL	Mark 4. Mas 907 586-0393 4/1/19	JM // 2			
AREA/NUMBER YY/MM/DD		907 586-0393				TELEPHONE
YY/MM/DD		4/1/19				DATE

# 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 3/1/2019 TO 3/30/2019

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 3/1/2019

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

NO DISCHARGE:

Duration of Discharge Flow 44.5 C (BOD5) COMMENTS Biochemical Oxygen Demand Coliform, fecal MF, M-FC broth, Total Suspended Solids Parameter 1 - Final Effluent 31616 R reqmt. 00530 R 81381 R 50050 R requit 00310 R Permit Sample Sample Permit Permit requat reqmt. Permit Sample reqmt meas. Sample Sample Permit meas. meas. meas. meas. monthly average monthly average monthly average \*\*\*\*\* Ачегаде \*\*\*\* \*\*\*\*\* Report \*\*\*\* Report Report Quantity or Loading Report daily maximum Report daily maximum daily maximum daify meximum Maximum \*\*\*\* report Report \*\*\*\*\* min/day lbs/day lbs/day Units MGD Minimum \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* Quality or Concentration Report monthly geometric monthly average monthly average Average \*\*\*\* \*\*\*\* \*\*\*\*\* Report \*\*\*\*\* Report Maximum daily maximum daily maximum daily maximum \*\*\*\*\* \*\*\* \*\*\*\*\* \*\*\*\*\* Report Report Report cts/100 ml Units mg/ mg/ EX No. Frequency of Analysis When Discharging When Discharging When Discharging When Discharging When Discharging Sample Type Instantaneous Recorded Reading Grab Grab Grab

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617
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TYPED OR PRINTED				Mark Mow/Wastewater Collections SR.				NAME/TITLE PRINCIPLE EXECUTIVE OFFICE
imprisonment for knowing violations.	remainded and second remainded	belief, true, accurate, and complete. I am aware that there are significant	information, the information submitted is to the best of my knowledge and	manage the system, or those persons directly responsible for gathering the	information submitted. Based on my inquiry of the person or persons who	designed to assure that qualified personnel properly gather and evaluated the	prepared under my direction or supervision in accordance with a system	NAME/TITLE PRINCIPLE EXECUTIVE OFFICE   I certify under penalty of law that this document and all attachments were
	EXECUTIVE OFFICER OR	SIGNATURE OF PRINCIPAL	Mas V. Move	The all the	<u>.</u>			
AREA/NUMBER YY/MM/DD			907 586-0393	`				TELEPHONE
YY/MM/DD		125	1/1/1/					DATE

# 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: 3/1/2019

TO 3/30/2019

					MONI	MONITORING POINT: 004 (N-15	MONITORING POINT: 004 (N-15.1) (R) Douglas	Douglas	- 3	NO DISCHARGE:	×
rameter		Quantity o	r Loading	Units	Qual	Quality or Concentration	tion	Units	e O	Frequency of	Sample Type
		Average	maminam		Minimum	Average	Maximum		EX	Analysis	;
ochemical Oxygen Demand OD5)	Sample meas.				****						
		1				-	+				

							to the many to the	, Dongers		T. C. Discourance P	>
Parameter		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	tion	Units	No.	Frequency of	Sample Type
		Average	Maximum		whataim	Average	Maximum		×	_	
Biochemical Oxygen Demand	Sample										
(BODS)	meas.	3			4						
1 - Final Effluent	Permit	Report	Report	lbs/day	*****	Report	Report	mg/l		When Discharging	Grab
00310 R reqmt.	reqmt	monthly average	daily maximum			monthly average	daily maximum				
Total Suspended Solids	Sample				***						
	meas.										
1 - Final Effluent	Permit	Report	Report	lbs/day	******	Report	Report	784		When Discharging	Grab
00530 R	гедть	monthly average	daily maximum			monthly average	daily maximum				
Coliform, fecal MF, M-FC broth,	Sample	****	***		***				╛		
44.5 C	meas.										
1 - Final Effluent	Permit	****	***	- 10	****	Report	_	cts/100 ml		When Discharging	Grab
31616 R	reqmt					monthly geometric mean	daily maximum				
Flow	Sample				****	****	***				
	meas.				8		10			02	
1 - Final Effluent Permit	Permit	Report	Report	MGD	*****	****	****			When Discharging	Recorded
50050 R	reqmt	monthly average	daily maximum								
Duration of Discharge	Sample meas.	**			****	****	****				
1 - Final Effluent		*****	report	min/day	***	****	*****		_	When Discharging	Instantaneous
81381 R	requet		daily maximum								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.

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	EXECUTIVE OFFICER OR	SIGNATURE OF PRINCIPAL	Mark & Monday		1			
AREA/NUMBER YY/MM/I			907 586-0393					TELEPHONE
YY/MM/DD		7////	111.1					DATE