

# Alaska Department of Environmental Conservation Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Samantha Stoughtenger  
 MAILING ADDRESS: 2009 Radcliffe Road  
 Juneau, AK 99801

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

PERMIT NUMBER: AK0023213

OUTFALL / MONITORING POINT: 001


MONITORING PERIOD: 1/1/2017

TO

1/31/2017

NO DISCHARGE:

Parameter	Sample meas. Permit reqmt.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Maximum				
Temperature (C) 1 - Final Effluent 00010	Sample meas.	*****	*****		*****	10.5		0		
	Permit reqmt.	*****	*****		*****	Report daily maximum	DEG.C		5X Weekly	Grab
Dissolved Oxygen 1 - Final Effluent 00300	Sample meas.	*****	*****		4.1	8.1		0		
	Permit reqmt.	*****	*****		2.0 daily minimum	17 daily maximum	mg/l		5X Weekly	Grab
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310	Sample meas.	37	82		*****	13		0		
	Permit reqmt.	690 monthly average	1,380 daily maximum	lbs/day	*****	60 daily maximum	mg/l		Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) G - Influent 00310	Sample meas.	1271	*****		*****	184		0		
	Permit reqmt.	report monthly average	*****	lbs/day	*****	report monthly average	mg/l		Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) W - See Comments 00310	Sample meas.	*****	56		*****	10		0		
	Permit reqmt.	*****	1,035 weekly average	lbs/day	*****	45 weekly average	mg/l		Monthly	24-Hr Composite

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.	TELEPHONE 907.506.0393	DATE 17/2/19	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Griego Tempel Sr. Operator	AREA   NUMBER	Y   M   D 17   2   19	TYPED OR PRINTED

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PERMIT NUMBER: AK0023213  
 OUTFALL / MONITORING POINT: 001

MONITORING PERIOD: 1/1/2017

TO 1/31/2017  
 NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Maximum				
pH	Sample meas.	*****	*****	6.6	7.2	*****	0		
	Permit reqmt.	*****	*****	6.5 minimum	8.5 maximum	S.U.	0	5X Weekly	Grab
Total Suspended Solids	Sample meas.	33	107	*****	15		0		
	Permit reqmt.	690 monthly average	1,380 daily maximum	*****	60 daily maximum	mg/l	0	Monthly	24-Hr Composite
Total Suspended Solids G - Influent 00530	Sample meas.	1020	*****	*****	*****		0		
	Permit reqmt.	report monthly average	*****	*****	*****	mg/l	0	Monthly	24-Hr Composite
Total Suspended Solids W - See Comments 00530	Sample meas.	*****	57	*****	11		0		
	Permit reqmt.	*****	1,035 weekly average	*****	45 weekly average	mg/l	0	Monthly	24-Hr Composite
Ammonia Nitrogen (as N) 1 - Final Effluent 00610	Sample meas.	*****	*****	*****	11		0		
	Permit reqmt.	*****	*****	*****	14 monthly average	mg/l	0	Monthly	24-Hr Composite

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER GRIENO TERPEL SR. OPERATOR	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT TELEPHONE: 907.586.0393 AREA   NUMBER:	DATE: 17/2/19 Y   M   D: Y   M   D
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.		
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 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213  
 OUTFALL / MONITORING POINT: 001

MONITORING PERIOD: 1/1/2017

TO 1/31/2017  
 NO DISCHARGE:

Parameter	Sample meas. Permit reqmt.	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Ammonia Nitrogen (as N) W - See Comments 00610	Sample meas.	*****	*****		*****	*****	*****	0			
	Permit reqmt.	*****	*****		*****	21 weekly average	*****	0	Monthly	24-Hr Composite	
Copper Total Recoverable 1 - Final Effluent 01119	Sample meas.	*****	*****		*****	*****	23	0			
	Permit reqmt.	*****	*****	MGD	*****	Report daily maximum	*****	0	Quarterly	24-Hr Composite	
Flow 1 - Final Effluent 50050	Sample meas.	0.90	2.5		*****	*****	*****	0			
	Permit reqmt.	2.76 monthly average	6.0 daily maximum		*****	*****	*****	0	Continuous	Recorded	
Enterococci 1 - Final Effluent 61211	Sample meas.	*****	*****		*****	*****	NA	0			
	Permit reqmt.	*****	*****		*****	Report daily maximum	Report daily maximum	0	See Permit Requirements	Grab	
Fecal Coliform 1 - Final Effluent 74055	Sample meas.	*****	*****		*****	3	7	0			
	Permit reqmt.	*****	*****		*****	200 monthly geometric mean	800 daily maximum	0	Weekly	Grab	

NAME/TITLE: <b>GRIERO TEMPEL SR. OPERATOR</b>  TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE: <b>907.586.0393</b>	DATE: <b>17/2/19</b>
		AREA   NUMBER	Y   M   D

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 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213  
 MONITORING PERIOD: 1/1/2017 TO 1/31/2017  
 NO DISCHARGE:

Parameter	Sample meas. Permit reqmt.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Maximum				
Fecal Coliform	Sample meas.	*****	*****		*****	*****		0		
	Permit reqmt.	*****	*****		*****	400 weekly average	cts/100 ml		Weekly	Grab
BOD5 Minimum % Removal	Sample meas.	*****	*****		97	*****		0		
	Permit reqmt.	*****	*****		85 minimum percent removal	*****	%		Monthly	Calculation
Total Suspended Solids Minimum % Removal	Sample meas.	*****	*****		97	*****		0		
	Permit reqmt.	*****	*****		85 minimum percent removal	*****	%		Monthly	Calculation

COMMENTS:  
W = weekly average;

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 PRINCIPAL EXECUTIVE OFFICER <b>GRIENO TEMPEL</b> <b>SK. OPERATOR</b>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE <b>907.586.0391</b>	DATE <b>17/2/9</b>
TYPED OR PRINTED	AREA   NUMBER Y   M   D		

# 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: 1/1/2017 TO 1/31/2017  
 MONITORING POINT: 004 (N-15.1) (R) Douglas NO DISCHARGE:

Parameter	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 P	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 P	report monthly average	report daily maximum	lbs/day	report monthly average	report maximum monthly average	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C									
1 - Final Effluent 31616 P	report monthly average	report daily maximum	MGD	report monthly geometric mean	report daily maximum	cts/100 ml		When Discharging	Grab
Flow									
1 - Final Effluent 50050 P	report monthly average	report daily maximum	min/day	report monthly average	report daily maximum			When Discharging	Recorded
Duration of Discharge									
1 - Final Effluent 81381 P	report monthly average	report daily maximum		report monthly average	report daily maximum			When Discharging	Recorded

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 PRINCIPAL EXECUTIVE OFFICER <i>Mark J. Mow/Sr. Director</i>	TELEPHONE <i>907.700.2225</i>	DATE <i>2/1/17</i>
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Mark J. Mow</i>		
TYPED OR PRINTED MARK J. MOW/SR. DIRECTOR	AREA   NUMBER 907.700.2225	Y   M   D 2   1   17

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 violators.

# 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

MONITORING PERIOD: 1/1/2017 TO 1/31/2017  
 MONITORING POINT: 003 (N-12) (Q) Sta C NO DISCHARGE: X

PERMIT NUMBER: AK0023213

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)										
1 - Final Effluent 00310 P	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 P	report monthly average	report daily maximum	lbs/day	*****	report monthly average	report maximum monthly average	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C										
1 - Final Effluent 31616 P	*****	*****		*****	report monthly geometric mean	report daily maximum	cts/100 ml		When Discharging	Grab
Flow										
1 - Final Effluent 50050 P	*****	report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
Duration of Discharge										
1 - Final Effluent 81381 P	*****	Report daily maximum	min/day	*****	*****	*****			When Discharging	Recorded
COMMENTS:										

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
MARK J. MOW / JR. OPERATIONS	907-790-2525	2/1/17
TYPED OR PRINTED	AREA   NUMBER	Y   M   D

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 providing 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.

Mark Mow  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


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 LOCATION: 1540 Thane Rd  
 Juneau, AK 99801

PERMIT NUMBER: AK0023213  
 MONITORING PERIOD: 1/1/2017 TO 1/31/2017  
 MONITORING POINT: 002 (N-11) (P) Sta AE NO DISCHARGE:

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)										
1 - Final Effluent 00310 P	report monthly average	report daily maximum	lbs/day	report monthly average	report daily maximum	*****	report monthly average	report daily maximum	mg/l	When Discharging Grab
Total Suspended Solids										
1 - Final Effluent 00530 P	report monthly average	report daily maximum	lbs/day	report monthly average	report maximum monthly average	*****	report monthly average	report maximum monthly average	mg/l	When Discharging Grab
Coliform, fecal MF, M-FC broth, 44.5 C										
1 - Final Effluent 31616 P	*****	*****		*****	*****	*****	report monthly geometric mean	report daily maximum	cts/100 ml	When Discharging Grab
Flow										
1 - Final Effluent 50050 P	*****	report daily maximum	MGD	*****	*****	*****	*****	*****		When Discharging Recorded
Duration of Discharge										
1 - Final Effluent 81381 P	*****	Report daily maximum	min/day	*****	*****	*****	*****	*****		When Discharging Recorded
COMMENTS:										

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  <i>MARK J. MOW / SR. OPERATIONS</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   OFFICER OR AUTHORIZED AGENT	TELEPHONE  <i>907.770.2800</i>	DATE  <i>2/1/17</i>
		AREA   NUMBER	Y   M   D

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City and Borough of Juneau  
Public Works Utilities Department  
2009 Radcliffe Road, Juneau, Alaska 99801  
Telephone: 586-0393 FAX: 789-1681

09 February, 2017

Alaska Department of Environmental Conservation  
Division of Water  
555 Cordova Street  
Anchorage, AK 99501

RE: Receiving water Table 3 sampling result.

Facility name and Assigned Discharge Authorization Number: Juneau-Douglas WWTF, AK0023213

The test result for the fecal coliform sample collected from Gastineau Channel on 12 January, 2017 during low tide is 1 col/100ml.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Grieko Tempel  
Wastewater Treatment Senior Operator  
[rico.tempel@juneau.org](mailto:rico.tempel@juneau.org)  
907-586-0393  
907-723-7806

CC: Roger Healy, CBJ Engineering & Public Works Director  
Samantha Stoughtenger, CBJ Engineering & Public Works Superintendent  
Holly Kveum, CBJ Utilities Administrative Assistant III