

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

CONTACT NAME: Stephen Locks
 MAILING ADDRESS: 5433 Shaune Drive
 Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash
 LOCATION: 3 mile Egan Drive
 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 5/1/2018

TO 5/31/2018

OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Average	Maximum				
Temperature (C)	Sample meas. *****		2.8	2.8	DEG.C	0	1	Grab
1 - Final Effluent 00010	Permit reqmt. *****		Report instantaneous	Report daily maximum			Monthly	
Turbidity	Sample meas. *****		26.2	26.2	NTU	0	1	Grab
1 - Final Effluent 00070	Permit reqmt. *****		Report instantaneous	Report daily maximum			Monthly	
Magnesium, total recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 00921	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	
Arsenic, Total Recoverable	Sample meas. *****		1.7	1.7	ug/l	0	1	Grab
1 - Final Effluent 00978	Permit reqmt. *****		Report instantaneous	Report 10 daily maximum			Monthly	
Iron, Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 00980	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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	DATE
Typed or Printed Name	Signature of Principal Executive Officer	OFFICER OR AUTHORIZED AGENT	907-580-4344	2/18/18
			AREA NUMBER	Y M D

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OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub

NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average				
Zinc Total Recoverable	*****	*****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent	*****	*****		*****	*****	ug/l		2X Annually	
01094	Permit reqmt.			Report instantaneous	Report daily maximum				
Lead Total Recoverable	*****	*****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent	*****	*****		*****	*****	ug/l		2X Annually	
01114	Permit reqmt.			Report instantaneous	Report daily maximum				
Copper Total Recoverable	*****	*****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent	*****	*****		*****	*****	ug/l		2X Annually	
01119	Permit reqmt.			Report instantaneous	Report daily maximum				
Manganese, Total Recoverable	*****	*****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent	*****	*****		*****	*****	ug/l		2X Annually	
11123	Permit reqmt.			Report instantaneous	Report daily maximum				
Chloride	*****	*****		*****	*****	mg/l	0	0	Grab
1 - Final Effluent	*****	*****		*****	*****	mg/l		2X Annually	
46225	Permit reqmt.			Report instantaneous	Report daily maximum				

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Regan W. Hermon		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-560-2131x1	5/18/18
TYPED OR PRINTED			AREA NUMBER	Y M D

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OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub

NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Maximum				
Flow	0.027	0.035	MGD	*****	*****		0	Continuous	Recorded
1 - Final Effluent 50050	Report monthly average	Report daily maximum							
Sulfate	*****	*****		*****	*****	mg/l	0	0	2X Annually
1 - Final Effluent 81020	Permit reqmt.	Permit reqmt.							Grab

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	TELEPHONE	DATE
Ryan W. Hermon TYPED OR PRINTED	907-506-4344	2018 6 5
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.		
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D
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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 5/1/2018

TO: 5/31/2018

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

NO DISCHARGE:

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average				
pH	1 - Final Effluent 00400	Sample meas.	*****	*****	6.96	6.96	6.66	0	1	Grab
		Permit reqmt.	*****	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum	S.U.	Monthly	
Salinity	1 - Final Effluent 00480	Sample meas.	*****	*****	*****	*****	*****	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum	ppt	2X Annually	
Ammonia Nitrogen (as N)	1 - Final Effluent 00610	Sample meas.	*****	*****	<0.5	<0.5	<0.5	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum	mg/l	Monthly	
Magnesium, total recoverable	1 - Final Effluent 00921	Sample meas.	*****	*****	*****	*****	*****	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum	ug/l	2X Annually	
Arsenic, Total Recoverable	1 - Final Effluent 00978	Sample meas.	*****	*****	*****	*****	*****	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	10 daily maximum	ug/l	2X Annually	

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Ryan W. Perrin TYPED OR PRINTED	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	OFFICER OR AUTHORIZED AGENT	907-500-4341 AREA NUMBER	2018 6 5 Y M D

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

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 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 5/1/2018

TO: 5/31/2018

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Average	Maximum				
Iron, Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 00980	Permit reqmt. *****		*****	*****	ug/l		2X Annually	
Zinc Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01094	Permit reqmt. *****		*****	*****	ug/l		2X Annually	
Lead Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01114	Permit reqmt. *****		*****	*****	ug/l		2X Annually	
Copper Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01119	Permit reqmt. *****		*****	*****	ug/l		2X Annually	
Manganese, Total Recoverable	Sample meas. *****		*****	*****	ug/l	0	0	Grab
1 - Final Effluent 11123	Permit reqmt. *****		*****	*****	ug/l		2X Annually	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Ryan W. Hermon TYPED OR PRINTED	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 907-500-4344	DATE 2018 6 5
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	AREA NUMBER	Y M D

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 5/1/2018

TO: 5/31/2018

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type	
			Average	Maximum					Average
Chloride	Sample meas. *****	*****	*****	*****	mg/l	0	0	2X Annually	Grab
	1 - Final Effluent 46225	Permit reqmt	*****	*****	Report instantaneous	Report daily maximum			
Total Residual Chlorine	Sample meas. *****	*****	*****	*****	mg/l	0	1	Monthly	Grab
	1 - Final Effluent 50060	Permit reqmt	*****	*****	Report instantaneous	Report daily maximum			
Sulfate	Sample meas. *****	*****	*****	*****	mg/l	0	0	2X Annually	Grab
	1 - Final Effluent 81020	Permit reqmt	*****	*****	Report instantaneous	Report daily maximum			

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
<i>Ray W. Hermann</i>	907-500-2344	201865
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 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.

Ray W. Hermann
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 5/1/2018

TO: 5/31/2018

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type			
			Minimum	Maximum					Average	Maximum	
pH	Sample meas.	*****	*****	*****	6.5	Report instantaneous	8.5	S.U.	0	Annually	Grab
	1 - Final Effluent 00400	Permit reqmt.	*****	*****	instantaneous minimum	Report instantaneous	instantaneous maximum				
Salinity	Sample meas.	*****	*****	*****	*****	Report instantaneous	Report daily maximum	ppt	0	Annually	Grab
	1 - Final Effluent 00480	Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum				
Ammonia Nitrogen (as N)	Sample meas.	*****	*****	*****	*****	Report instantaneous	Report daily maximum	mg/l	0	Annually	Grab
	1 - Final Effluent 00610	Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum				
Magnesium, total recoverable	Sample meas.	*****	*****	*****	*****	Report instantaneous	Report daily maximum	ug/l	0	Annually	Grab
	1 - Final Effluent 00921	Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum				
Arsenic, Total Recoverable	Sample meas.	*****	*****	*****	*****	Report instantaneous	10	ug/l	0	Annually	Grab
	1 - Final Effluent 00978	Permit reqmt.	*****	*****	*****	Report instantaneous	daily maximum				

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OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Average	Maximum				
Iron, Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	Annually	Grab
1 - Final Effluent 00980	Permit reqmt. *****		Report instantaneous	Report daily maximum	ug/l			
Zinc Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	Annually	Grab
1 - Final Effluent 01094	Permit reqmt. *****		Report instantaneous	Report daily maximum	ug/l			
Lead Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	Annually	Grab
1 - Final Effluent 01114	Permit reqmt. *****		Report instantaneous	Report daily maximum	ug/l			
Copper Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	Annually	Grab
1 - Final Effluent 01119	Permit reqmt. *****		Report instantaneous	Report daily maximum	ug/l			
Manganese, Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	Annually	Grab
1 - Final Effluent 11123	Permit reqmt. *****		Report instantaneous	Report daily maximum	ug/l			

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Ryan W. Hermon		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-500-4341	2018 6 5
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Average	Maximum				
Chloride	Sample meas.	*****		Sample meas.	*****	mg/l	0	Annually	Grab
	Permit reqmt.	*****		Permit reqmt.	*****				
Total Residual Chlorine	Sample meas.	*****		Report instantaneous	Report daily maximum	mg/l	0	Annually	Grab
	Permit reqmt.	*****		0.0075 Report instantaneous	Report daily maximum				
Sulfate	Sample meas.	*****		Report instantaneous	Report daily maximum	mg/l	0	Annually	Grab
	Permit reqmt.	*****		Report instantaneous	Report daily maximum				

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		AREA NUMBER	Y M D