

Alaska Department of Environmental Conservation 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

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


MONITORING PERIOD: 9/1/2017

TO

9/30/2017

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)	Sample meas.	*****	*****		*****	8.5		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	DEG.C		Monthly	Grab
Turbidity	Sample meas.	*****	*****		*****	13.4		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	NTU		Monthly	Grab
Magnesium, total recoverable	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	*****	*****		*****	ND		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		2X Annually	Grab

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER Ryan w. Herman 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE: 907-723-2201 DATE: 2017/10/10 AREA NUMBER: Y M D
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PERMIT NUMBER: ACG380005

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

MONITORING PERIOD: 9/1/2017

TO 9/30/2017

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				
Zinc Total Recoverable 1 - Final Effluent 01094	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Lead Total Recoverable 1 - Final Effluent 01114	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable 1 - Final Effluent 01119	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable 1 - Final Effluent 11123	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Chloride 1 - Final Effluent 46225	Sample meas.	*****	*****		*****			0	0	
	Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Ryan W. Herman TYPED OR PRINTED	907-723-2201 AREA NUMBER	2017/10/10 Y M D
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

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: 3 mile Egan Drive
 Juneau, AK 99801

CONTACT NAME: Stephen Locks
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 Juneau, AK 99801


PERMIT NUMBER: **AKG380005** MONITORING PERIOD: **9/1/2017** TO **9/30/2017**
 NO DISCHARGE:

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

Parameter	Sample meas. Permit reqmt.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Maximum				
Flow	1 - Final Effluent 50050	0.028 Report monthly average	0.035 Report daily maximum	MGD	*****	*****		0	Continuous	Recorded
	Sulfate	*****	*****		*****	*****		0	Continuous	
Sulfate	1 - Final Effluent 81020	*****	*****		*****	*****	mg/l	0	2X Annually	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.

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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: ACG380005
 OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 9/1/2017

TO: 9/30/2017
 NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average	Maximum				
pH	*****	*****		7.10	7.10		0	1		
	*****	*****		6.5 instantaneous minimum	8.5 instantaneous maximum	S.U.		Monthly	Grab	
Salinity	*****	*****		*****			0	0		
	*****	*****		*****	Report instantaneous	ppt		2X Annually	Grab	
Ammonia Nitrogen (as N)	*****	*****		*****	0.85		0	1		
	*****	*****		*****	Report instantaneous	mg/l		Monthly	Grab	
Magnesium, total recoverable	*****	*****		*****			0	0		
	*****	*****		*****	Report instantaneous	ug/l		2X Annually	Grab	
Arsenic, Total Recoverable	*****	*****		*****			0	0		
	*****	*****		*****	Report instantaneous	ug/l		2X Annually	Grab	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Ryan W. Herman</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  OFFICER OR AUTHORIZED AGENT	TELEPHONE 907-723-2201	DATE 2017/10/10
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 LOCATION: 3 mile Egan Drive
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PERMIT NUMBER: AKG380005
 OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 9/1/2017

TO: 9/30/2017
 NO DISCHARGE:

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

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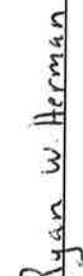
PERMIT NUMBER: AKG380005
 OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 9/1/2017

TO: 9/30/2017
 NO DISCHARGE:

Parameter	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Maximum				
Chloride 1 - Final Effluent 46225	*****	*****		*****			0	0	
	*****	*****		Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab
Total Residual Chlorine 1 - Final Effluent 50060	*****	*****		*****	ND		0	1	
	*****	*****		0.0075 Report instantaneous	Report daily maximum	mg/l		Monthly	Grab
Sulfate 1 - Final Effluent 81020	*****	*****		*****			0	0	
	*****	*****		Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

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PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place


MONITORING PERIOD: 9/1/2017

TO:

9/30/2017

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				
pH	Sample meas.	*****	*****					0		
	Permit reqmt.	*****	*****		6.5 instantaneous minimum	8.5 instantaneous maximum	S.U.		Annually	Grab
Salinity	Sample meas.	*****	*****		*****			0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	ppt		Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	*****	*****		*****			0		
	Permit reqmt.	*****	*****		*****	Report daily maximum	mg/l		Annually	Grab
Magnesium, total recoverable	Sample meas.	*****	*****		*****			0		
	Permit reqmt.	*****	*****		*****	Report daily maximum	ug/l		Annually	Grab
Arsenic, Total Recoverable	Sample meas.	*****	*****		*****			0		
	Permit reqmt.	*****	*****		*****	Report daily maximum	ug/l		Annually	Grab
1 - Final Effluent 00978	Sample meas.	*****	*****		*****			0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	Grab

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

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		Average	Maximum		Minimum	Average				
Chloride	1 - Final Effluent 46225	*****	*****		*****			0		
		*****	*****		Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Total Residual Chlorine	Sample meas.	*****	*****		*****			0		
	1 - Final Effluent 50060	*****	*****		0.0075 Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Sulfate	Sample meas.	*****	*****		*****			0		
	1 - Final Effluent 81020	*****	*****		Report instantaneous	Report daily maximum	mg/l		Annually	Grab

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