

# 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: 11/1/2017

TO: 11/30/2017

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		Minimum	Average	Maximum				
Iron, Total Recoverable  1 - Final Effluent 00980	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
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

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TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	707-321-2969
			AREA   NUMBER	Y   M   D

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2017

TO 11/30/2017

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	Maximum				
Temperature (C)  1 - Final Effluent 00010	Sample meas.		*****		*****	5.9	5.9		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
Turbidity  1 - Final Effluent 00070	Sample meas.	*****	*****		*****	57.7	57.7		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	NTU		Monthly	Grab
Magnesium, total recoverable  1 - Final Effluent 00921	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable  1 - Final Effluent 00978	Sample meas.	*****	*****		*****	1.9	1.9		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable  1 - Final Effluent 00980	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

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<div style="font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">Stephen Locks</div> TYPED OR PRINTED	<div style="text-align: center; font-size: 1.5em; margin-bottom: 5px;"> </div> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-321-2964	17-12-6
		AREA   NUMBER	Y   M   D

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

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PERMIT NUMBER: AKG380005

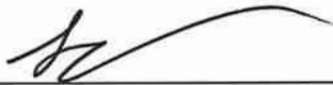
MONITORING PERIOD: 11/1/2017

TO 11/30/2017

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	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  <i>Stephen Locks</i>  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  907-321-2969	DATE  17-12-6
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  	AREA NUMBER  Y I M I D

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 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2017

TO 11/30/2017

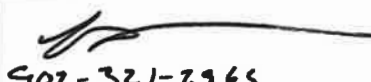
OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
Flow  1 - Final Effluent 50050	Sample meas.	0.023	0.033	MGD	*****	*****	*****		0	Continuous	Recorded
	Permit reqmt.	Report monthly average	Report daily maximum		*****	*****	*****				
Sulfate  1 - Final Effluent 81020	Sample meas.	*****	*****		*****			mg/l	0	0	Grab
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum				

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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<i>Stephen Locks</i>	 907-321-2965	907-321-2965	12-12-6
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA   NUMBER	Y   M   D

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


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

MONITORING PERIOD: 11/1/2017

TO: 11/30/2017

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
pH  1 - Final Effluent 00400	Sample meas.	*****	*****		7.41	7.41	7.41		0	1	
	Permit reqmt.	*****	*****		6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum	S.U.		Monthly	Grab
Salinity  1 - Final Effluent 00480	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ppt		2X Annually	Grab
Ammonia Nitrogen (as N)  1 - Final Effluent 00610	Sample meas.	*****	*****		*****	0.9	0.9		0	1	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		Monthly	Grab
Magnesium, total recoverable  1 - Final Effluent 00921	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable  1 - Final Effluent 00978	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	10 daily maximum	ug/l		2X Annually	Grab

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<i>Stephen Locks</i>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-321-2967	17-12-6
TYPED OR PRINTED			AREA   NUMBER	Y   M   D

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 LOCATION: 3 mile Egan Drive  
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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2017



TO: 11/30/2017

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		Minimum	Average	Maximum				
Chloride  1 - Final Effluent 46225	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab
Total Residual Chlorine  1 - Final Effluent 50060	Sample meas.	*****	*****		*****	ND	ND		0	1	
	Permit reqmt.	*****	*****		*****	0.0075 Report instantaneous	Report daily maximum	mg/l		Monthly	Grab
Sulfate  1 - Final Effluent 81020	Sample meas.	*****	*****		*****				0	0	
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

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 TYPED OR PRINTED			907 321 2469	11/13/17
			AREA   NUMBER	Y   M   D

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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 11/1/2017

TO: 11/30/2017

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		Minimum	Average	Maximum				
pH  1 - Final Effluent 00400	Sample meas.	*****	*****						0		
	Permit reqmt.	*****	*****		6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum	S.U.		Annually	Grab
Salinity  1 - Final Effluent 00480	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ppt		Annually	Grab
Ammonia Nitrogen (as N)  1 - Final Effluent 00610	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Magnesium, total recoverable  1 - Final Effluent 00921	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Arsenic, Total Recoverable  1 - Final Effluent 00978	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	10 daily maximum	ug/l		Annually	Grab

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TYPED OR PRINTED			AREA   NUMBER	Y   M   D

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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 11/1/2017

TO: 11/30/2017

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		Minimum	Average	Maximum				
Iron, Total Recoverable  1 - Final Effluent 00980	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Zinc Total Recoverable  1 - Final Effluent 01094	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Lead Total Recoverable  1 - Final Effluent 01114	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Copper Total Recoverable  1 - Final Effluent 01119	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Manganese, Total Recoverable  1 - Final Effluent 11123	Sample meas.	*****	*****		*****				0		
	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab

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TYPED OR PRINTED			907 321-2469	17-12-16



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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2017

TO: 11/30/2017


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

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<i>Stephen Locks</i>		SIGNATURE OF PRINCIPAL EXECUTIVE	907-321-2465	17-12-6
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA   NUMBER	Y   M   D