


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 POINT: 001A Reverse Flow/Air Scrub
 MONITORING PERIOD: 8/1/2018 TO 8/31/2018
 NO DISCHARGE:

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average				
Temperature (C)	1 - Final Effluent 00010	Sample meas.	*****	*****	*****	*****	DEG.C	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Monthly
Turbidity	1 - Final Effluent 00070	Sample meas.	*****	*****	*****	*****	NTU	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Monthly
Magnesium, total recoverable	1 - Final Effluent 00921	Sample meas.	*****	*****	*****	*****	ug/l	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually
Arsenic, Total Recoverable	1 - Final Effluent 00978	Sample meas.	*****	*****	*****	*****	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report 10 daily maximum			Monthly
Iron, Total Recoverable	1 - Final Effluent 00980	Sample meas.	*****	*****	*****	*****	ug/l	0	0	Grab
		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
<i>Ryan W. Herman</i>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-500-4344	2018/9/6
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

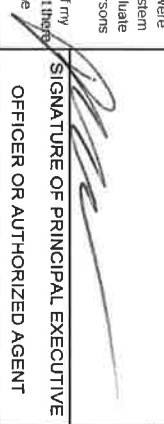
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 NO DISCHARGE:

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

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<i>Ryan W. Herman</i>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	907-500-1344	2018 9 6
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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 Juneau, AK 99801

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

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2018

TO 8/31/2018



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		Minimum	Maximum				
Flow	Sample meas.	0.037	MGD	*****	*****		0	Continuous	Recorded
	Report monthly average	Report daily maximum		*****	*****				
Sulfate	1 - Final Effluent	50050		*****	*****	mg/l	0	2X Annually	Grab
	1 - Final Effluent 81020	Permit reqmt.		*****	*****				

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 <div style="text-align: center;">  Ryan W. Herman TYPED OR PRINTED </div>	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 <div style="text-align: center;">  Ryan W. Herman </div>	TELEPHONE 907-500-9344 AREA NUMBER
DATE 2018 9 6 Y M D	

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 LOCATION: 3 mile Egan Drive
 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2018

TO: 8/31/2018

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	Maximum				
pH	1 - Final Effluent 00400	Sample meas.	*****	*****	6.85	6.85	6.85	S.U.	0	1	Grab
		Permit reqmt.	*****	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum			Monthly	
Salinity	1 - Final Effluent 00480	Sample meas.	*****	*****	*****	*****	*****	ppt	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Ammonia Nitrogen (as N)	1 - Final Effluent 00610	Sample meas.	*****	*****	*****	<0.5	<0.5	mg/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Monthly	
Magnesium, total recoverable	1 - Final Effluent 00921	Sample meas.	*****	*****	*****	*****	*****	ug/l	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Arsenic, Total Recoverable	1 - Final Effluent 00978	Sample meas.	*****	*****	*****	*****	*****	ug/l	0	0	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	10 daily maximum			2X Annually	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
Ryan W. Fierman - Hayward TYPED OR PRINTED		007-500-1344		2018 9 6	
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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: 8/1/2018

TO: 8/31/2018
 NO DISCHARGE:

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
Ryan W. Herman - Hayward TYPED OR PRINTED		907-500-4344		2018 9 6	
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	
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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2018

TO: 8/31/2018

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				
Chloride	Sample meas.	*****	*****	*****		0	0	
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum	mg/l		2X Annually Grab
Total Residual Chlorine	Sample meas.	*****	*****	ND	ND	0	1	
	Permit reqmt.	*****	*****	0.0075 Report instantaneous	Report daily maximum	mg/l		Monthly Grab
Sulfate	Sample meas.	*****	*****	*****	*****		0	0
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum	mg/l		2X Annually Grab

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Ryan W. Hermin TYPED OR PRINTED	907-500-4341	2018 9 6
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	907-500-4341	2018 9 6

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

PERMIT NUMBER: AKG380005
 MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 8/1/2018

TO: 8/31/2018
 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	*****	*****	6.5 instantaneous minimum	Report	8.5 instantaneous maximum	S.U.	0	Annually	Grab
	00400	Permit reqmt.	*****		instantaneous	Report				
Salinity	1 - Final Effluent	*****	*****	*****	Report	Report	ppt	0	Annually	Grab
	00480	Permit reqmt.	*****		instantaneous	Report				
Ammonia Nitrogen (as N)	1 - Final Effluent	*****	*****	*****	Report	Report	mg/l	0	Annually	Grab
	00610	Permit reqmt.	*****		instantaneous	Report				
Magnesium, total recoverable	1 - Final Effluent	*****	*****	*****	Report	Report	ug/l	0	Annually	Grab
	00921	Permit reqmt.	*****		instantaneous	Report				
Arsenic, Total Recoverable	1 - Final Effluent	*****	*****	*****	Report	Report	ug/l	0	Annually	Grab
	00978	Permit reqmt.	*****		instantaneous	Report				

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Ryan W. Herman			907-580-4344	2018 9 6
TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D	


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 MONITORING PERIOD: 8/1/2018 TO: 8/31/2018
 NO DISCHARGE:

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

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2018

TO: 8/31/2018

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

COMMENTS:

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