

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: 7/1/2018

TO 7/31/2018

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
			Minimum	Maximum				
Temperature (C)	Sample meas. 1 - Final Effluent 00010	***** *****	***** *****	***** *****	DEG.C	0	1	Monthly Grab
Turbidity	Sample meas. 1 - Final Effluent 00070	***** *****	***** *****	12.5 12.5	NTU	0	1	Monthly Grab
Magnesium, total recoverable	Sample meas. 1 - Final Effluent 00921	***** *****	***** *****	Report instantaneous	ug/l	0	2X Annually	Grab
Arsenic, Total Recoverable	Sample meas. 1 - Final Effluent 00978	***** *****	***** *****	ND Report instantaneous	ug/l	0	1	Monthly Grab
Iron, Total Recoverable	Sample meas. 1 - Final Effluent 00980	***** *****	***** *****	Report instantaneous	ug/l	0	2X Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
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	
Ryan W. Humm TYPED OR PRINTED		907-500-4344		2018/08/08	
		Y M D			


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PERMIT NUMBER: AKG380005
 MONITORING POINT: 001A Reverse Flow/Air Scrub
 MONITORING PERIOD: 7/1/2018 TO 7/31/2018
 NO DISCHARGE:

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

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Ryan W. Herman			907-500-4344	2018/08/08
TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D	

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PERMIT NUMBER: AKG380005
 OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub

MONITORING PERIOD: 7/1/2018 TO 7/31/2018
 NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Average	Maximum				
Flow	0.047	MGD	*****	*****	*****	0	Continuous	Recorded
1 - Final Effluent 50050	Report monthly average	Report daily maximum	*****	*****	Report instantaneous	Report daily maximum	*****	
Sulfate	*****	*****	*****	*****	mg/l	0	0	2X Annually
1 - Final Effluent 81020	Sample meas.	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.

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Ryan W. Herman TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	Y M D

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

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 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: 001B Enhanced Flux Cleaning
 MONITORING PERIOD: 7/1/2018 TO: 7/31/2018
 NO DISCHARGE:

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Minimum	Average	Maximum				
pH	Sample meas.	*****	*****	7.30	7.30	7.30	S.U.	0	1	Monthly	Grab
		*****	*****		6.5	Report instantaneous					
Salinity	Sample meas.	*****	*****	*****	*****	Report instantaneous	ppt	0	0	2X Annually	Grab
		*****	*****		*****	Report instantaneous					
Ammonia Nitrogen (as N)	Sample meas.	*****	*****	*****	<0.5	<0.5	mg/l	0	1	Monthly	Grab
		*****	*****		*****	Report instantaneous					
Magnesium, total recoverable	Sample meas.	*****	*****	*****	*****	Report instantaneous	ug/l	0	0	2X Annually	Grab
		*****	*****		*****	Report instantaneous					
Arsenic, Total Recoverable	Sample meas.	*****	*****	*****	*****	Report instantaneous	ug/l	0	0	2X Annually	Grab
		*****	*****		*****	Report instantaneous					

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Ryan W. Herman TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE: 907-500-4344 AREA NUMBER: 248/08108 DATE: 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 POINT: 001B Enhanced Flux Cleaning
 MONITORING PERIOD: 7/1/2018 TO: 7/31/2018
 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	0	0	2X Annually
Zinc Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01094	Permit reqmt. *****	*****	*****	*****	ug/l	0	0	2X Annually
Lead Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01114	Permit reqmt. *****	*****	*****	*****	ug/l	0	0	2X Annually
Copper Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	0	Grab
1 - Final Effluent 01119	Permit reqmt. *****	*****	*****	*****	ug/l	0	0	2X Annually
Manganese, Total Recoverable	Sample meas. *****	*****	*****	*****	ug/l	0	0	Grab
1 - Final Effluent 11123	Permit reqmt. *****	*****	*****	*****	ug/l	0	0	2X Annually

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
Ryan W. Herman		907-500-4344		2018/07/08	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT		AREA NUMBER	
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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 7/1/2018

TO: 7/31/2018

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

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Ryan W. Herriman TYPED OR PRINTED	407-500-4344	2018/08/08
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
	407-500-4344	2018/08/08

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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 7/1/2018

TO: 7/31/2018

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

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

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Ryan W. Hermer TYPED OR PRINTED		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		907-500-4344		2018/08/08	
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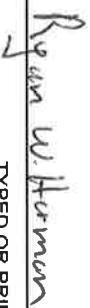
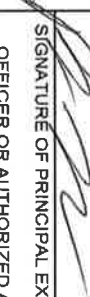
MONITORING PERIOD: 7/1/2018

TO: 7/31/2018

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

NO DISCHARGE:

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

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				AREA NUMBER		Y M D	

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PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 7/1/2018


TO: 7/31/2018

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

COMMENTS:

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Ryan W Herman TYPED OR PRINTED	407-500-4344	201808/08
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