

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: 6/1/2018

TO 6/30/2018
 NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Minimum	Maximum				
Temperature (C)	Sample meas.	*****	*****	4.6	DEG.C	0	1	Grab
	1 - Final Effluent 00010 Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		Monthly	
Turbidity	Sample meas.	*****	*****	8.8	NTU	0	1	Grab
	1 - Final Effluent 00070 Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		Monthly	
Magnesium, total recoverable	Sample meas.	*****	*****	860	ug/l	0	1	Grab
	1 - Final Effluent 00921 Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		2X Annually	
Arsenic, Total Recoverable	Sample meas.	*****	*****	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.	*****	*****	410	ug/l	0	1	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

Ryan W. Herman
 TYPED OR PRINTED

Ryan W. Herman
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907-500-4341
 AREA | NUMBER

2018-7-2
 Y | M | D

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: 6/1/2018

TO 6/30/2018

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				
Zinc Total Recoverable	Sample meas. *****		10	10	ug/l	0	1	Grab
1 - Final Effluent 01094	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	Grab
Lead Total Recoverable	Sample meas. *****		ND	ND	ug/l	0	1	Grab
1 - Final Effluent 01114	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	Grab
Copper Total Recoverable	Sample meas. *****		Report instantaneous	Report daily maximum	ug/l	0	1	Grab
1 - Final Effluent 01119	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	Grab
Manganese, Total Recoverable	Sample meas. *****		Report instantaneous	Report daily maximum	ug/l	0	1	Grab
1 - Final Effluent 11123	Permit reqmt. *****		Report instantaneous	Report daily maximum			2X Annually	Grab
Chloride	Sample meas. *****		0.5	0.5	mg/l	0	1	Grab
1 - Final Effluent 46225	Permit reqmt. *****		Report instantaneous	Report daily maximum			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.	TELEPHONE 907-500-4344	DATE 2018-7-7
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	AREA NUMBER Y M D		

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: 6/1/2018

TO 6/30/2018


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	Average				
Flow	0.034	0.055	MGD	*****	*****		0	Continuous	Recorded
1 - Final Effluent 50050	Report monthly average	Report daily maximum		*****	*****			Continuous	
Sulfate	*****	*****		*****	*****	mg/l	0	1	Grab
1 - Final Effluent 81020	Sample meas.	*****		Report instantaneous	Report daily maximum			2X Annually	

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	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	
TYPED OR PRINTED	907-500-4341	2018-7-2
	AREA NUMBER	Y M D

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

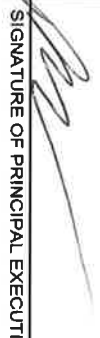
MONITORING PERIOD: 6/1/2018

TO: 6/30/2018

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

NO DISCHARGE:

Parameter	Quantity or Loading	Maximum	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
				Minimum	Average				
pH	Sample meas.	*****		7.60	7.60		0	1	
	1 - Final Effluent 00400	Permit reqmt.	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum		Monthly	Grab
Salinity	Sample meas.	*****		<2.0	<2.0		0	1	
	1 - Final Effluent 00480	Permit reqmt.	*****	<0.5	Report instantaneous	Report daily maximum		2X Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	*****		<0.5	<0.5		0	1	
	1 - Final Effluent 00610	Permit reqmt.	*****	<0.5	Report instantaneous	Report daily maximum		Monthly	Grab
Magnesium, total recoverable	Sample meas.	*****		840	840		0	1	
	1 - Final Effluent 00921	Permit reqmt.	*****	840	Report instantaneous	Report daily maximum		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	*****		12	12		0	1	
	1 - Final Effluent 00978	Permit reqmt.	*****	12	Report instantaneous	10 daily maximum		2X Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TYPED OR PRINTED <i>Ryan W. Herman - Howard</i>	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.
OFFICER OR AUTHORIZED AGENT SIGNATURE OF PRINCIPAL EXECUTIVE 	TELEPHONE 907-500-4344
DATE 2018-7-2	AREA NUMBER Y M D

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: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 6/1/2018

TO: 6/30/2018
 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
Iron, Total Recoverable	1 - Final Effluent 00980	Sample meas.	*****	*****	*****	3000	3000	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Zinc Total Recoverable	1 - Final Effluent 01094	Sample meas.	*****	*****	*****	23	23	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Lead Total Recoverable	1 - Final Effluent 01114	Sample meas.	*****	*****	*****	ND	ND	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Copper Total Recoverable	1 - Final Effluent 01119	Sample meas.	*****	*****	*****	17	17	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Manganese, Total Recoverable	1 - Final Effluent 11123	Sample meas.	*****	*****	*****	140	140	ug/l	0	1	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.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
Ryen W. Hermon						907-500-4341		2017-7-2	
TYPED OR PRINTED				OFFICER OR AUTHORIZED AGENT		AREA NUMBER		Y M D	

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

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning


MONITORING PERIOD: 6/1/2018

TO: 6/30/2018

NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type					
			Average	Maximum					Minimum	Maximum			
Chloride	Sample meas.	*****	*****		*****	260	Report	260	mg/l	0	1	2X Annually	Grab
	1 - Final Effluent	Permit reqmt.	*****	*****	*****	Instantaneous	Report	daily maximum	mg/l				
Total Residual Chlorine	Sample meas.	*****	*****		*****	ND	Report	ND	mg/l	0	1	Monthly	Grab
	1 - Final Effluent	Permit reqmt.	*****	*****	*****	0.0075	Report	daily maximum	mg/l				
Sulfate	Sample meas.	*****	*****		*****	880	Report	880	mg/l	0	1	2X Annually	Grab
	1 - Final Effluent	Permit reqmt.	*****	*****	*****	Report	instantaneous	Report	daily maximum	mg/l			

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	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.	
 Ryan W. Herman TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
TELEPHONE	907-500-4344	DATE
AREA NUMBER		Y M D
		2018-7-2

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: 001C Chemical Clean in Place
 MONITORING PERIOD: 6/1/2018 TO: 6/30/2018
 NO DISCHARGE:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
			Minimum	Maximum				
pH	Sample meas.	*****	6.6	6.6	6.6	0	Annually	Grab
	1 - Final Effluent Permit reqmt. 00400	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum			
Salinity	Sample meas.	*****	6.2	6.2	6.2	0	Annually	Grab
	1 - Final Effluent Permit reqmt. 00480	*****	Report instantaneous	Report daily maximum				
Ammonia Nitrogen (as N)	Sample meas.	*****	<0.05	<0.05	<0.05	0	Annually	Grab
	1 - Final Effluent Permit reqmt. 00610	*****	Report instantaneous	Report daily maximum				
Magnesium, total recoverable	Sample meas.	*****	1500	1500	1500	0	Annually	Grab
	1 - Final Effluent Permit reqmt. 00921	*****	Report instantaneous	Report daily maximum				
Arsenic, Total Recoverable	Sample meas.	*****	200	200	200	0	Annually	Grab
	1 - Final Effluent Permit reqmt. 00978	*****	Report instantaneous	Report daily maximum				

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
TYPED OR PRINTED Ryan W. Arvian		907-580-4341		2018-7-2

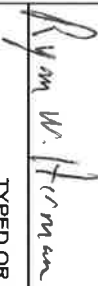
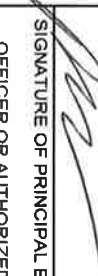
Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

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: 001C Chemical Clean in Place
 MONITORING PERIOD: 6/1/2018 TO: 6/30/2018
 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 22000	Report daily maximum 22000	ug/l	0	Annually	Grab
1 - Final Effluent 00980	Permit reqmt. *****	*****		Report instantaneous	Report daily maximum	ug/l		Annually	
Zinc Total Recoverable	Sample meas. *****	*****		Report instantaneous 160	Report daily maximum 160	ug/l	0	Annually	Grab
1 - Final Effluent 01094	Permit reqmt. *****	*****		Report instantaneous	Report daily maximum	ug/l		Annually	
Lead Total Recoverable	Sample meas. *****	*****		Report instantaneous ND	Report daily maximum ND	ug/l	0	Annually	Grab
1 - Final Effluent 01114	Permit reqmt. *****	*****		Report instantaneous	Report daily maximum	ug/l		Annually	
Copper Total Recoverable	Sample meas. *****	*****		Report instantaneous 110	Report daily maximum 110	ug/l	0	Annually	Grab
1 - Final Effluent 01119	Permit reqmt. *****	*****		Report instantaneous	Report daily maximum	ug/l		Annually	
Manganese, Total Recoverable	Sample meas. *****	*****		Report instantaneous 1500	Report daily maximum 1500	ug/l	0	Annually	Grab
1 - Final Effluent 11123	Permit reqmt. *****	*****		Report instantaneous	Report daily maximum	ug/l		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.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
 TYPED OR PRINTED			 OFFICER OR AUTHORIZED AGENT	907-560-4341	2018-7-2
				AREA NUMBER	Y M D

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: 6/1/2018

TO: 6/30/2018

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		Average	Maximum				
Chloride	Sample meas.	*****	*****		*****	*****		0	Annually	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	*****				
Total Residual Chlorine	Sample meas.	*****	*****		*****	*****		0	Annually	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	*****				
Sulfate	Sample meas.	*****	*****		*****	*****		0	Annually	Grab
	1 - Final Effluent 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	TELEPHONE	DATE
Ryan W. Aronson TYPED OR PRINTED	907-500-4344	2018-7-2
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	