

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: 8/1/2017

TO 8/31/2017

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
			Minimum	Maximum				
Temperature (C)	Sample meas.	*****	*****	7.6	Report instantaneous	0	1	Grab
	Permit reqmt.	*****	*****	7.6	Report daily maximum	0	1	
Turbidity	Sample meas.	*****	*****	17.6	Report instantaneous	0	1	Grab
	Permit reqmt.	*****	*****	17.6	Report daily maximum	0	1	
Magnesium, total recoverable	Sample meas.	*****	*****	*****	Report instantaneous	0	0	Grab
	Permit reqmt.	*****	*****	*****	Report daily maximum	0	0	
Arsenic, Total Recoverable	Sample meas.	*****	*****	ND	Report instantaneous	0	1	Grab
	Permit reqmt.	*****	*****	ND	Report daily maximum	0	1	
Iron, Total Recoverable	Sample meas.	*****	*****	*****	Report instantaneous	0	0	Grab
	Permit reqmt.	*****	*****	*****	Report daily maximum	0	0	

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 Skon Locks		907-321-2843		17-9-11	

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

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PERMIT NUMBER: AKG380005

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

MONITORING PERIOD: 8/1/2017

TO 8/31/2017

NO DISCHARGE:

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

Steve Locks



907-321-2461

11-9-11

TYPED OR PRINTED

OFFICER OR AUTHORIZED AGENT

AREA | NUMBER

Y | M | D

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

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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: 8/1/2017

TO 8/31/2017

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		Average	Maximum				
Flow	0.033	0.059	MGD	*****	*****		0	Continuous	Recorded
1 - Final Effluent 50050	Report monthly average	Report daily maximum		*****	*****			Continuous	
Sulfate	*****	*****		*****	*****	mg/l	0	0	2X Annually
1 - Final Effluent 81020	Sample meas.	Permit reqmt		*****	*****			0	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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
<i>Steve Locks</i>	907-521-2669	17-5-11
TYPED OR PRINTED	AREA NUMBER	Y M D
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	

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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: 8/1/2017

TO: 8/31/2017

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
			Minimum	Maximum				
pH	Sample meas.	*****	7.00	7.00	7.00	0	1	Grab
	Permit reqmt.	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum		Monthly	
Salinity	Sample meas.	*****	*****	*****	ppt	0	0	Grab
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		2X Annually	
Ammonia Nitrogen (as N)	Sample meas.	*****	*****	0.51	0.51	0	1	Grab
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		Monthly	
Magnesium, total recoverable	Sample meas.	*****	*****	*****	ug/l	0	0	Grab
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		2X Annually	
Arsenic, Total Recoverable	Sample meas.	*****	*****	*****	ug/l	0	0	Grab
	Permit reqmt.	*****	*****	Report instantaneous	Report daily maximum		2X Annually	

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		TYPED OR PRINTED Steve Locks		907321-2465	

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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: 8/1/2017 TO: 8/31/2017
 NO DISCHARGE:

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

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OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2017

TO: 8/31/2017

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					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
Total Residual Chlorine	Sample meas. *****	*****	*****	*****	0.02	0.02	mg/l	0	1	Monthly	Grab
1 - Final Effluent	Permit reqmt. *****	*****	*****	*****	Report instantaneous	Report daily maximum	mg/l	0	0	Monthly	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

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TYPED OR PRINTED Steve Locks	AREA NUMBER 907-321-2665	DATE 17-8-11

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

CONTACT NAME: Stephen Locks
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 Juneau, AK 99801

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 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2017

TO: 8/31/2017

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.	*****	*****	6.57	6.57	6.57	S.U.	0	1	Grab
		Permit reqmt.	*****	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum			Annually	
Salinity	1 - Final Effluent 00480	Sample meas.	*****	*****	8.7	8.7	8.7	ppt	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Annually	
Ammonia Nitrogen (as N)	1 - Final Effluent 00610	Sample meas.	*****	*****	0.75	0.75	0.75	mg/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Annually	
Magnesium, total recoverable	1 - Final Effluent 00921	Sample meas.	*****	*****	610	610	610	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Annually	
Arsenic, Total Recoverable	1 - Final Effluent 00978	Sample meas.	*****	*****	26	26	26	ug/l	0	1	Grab
		Permit reqmt.	*****	*****	*****	Report instantaneous	Report daily maximum			Annually	

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		TYPED OR PRINTED Shaune Locks		AREA NUMBER	

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 Juneau, AK 99801

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2017

TO: 8/31/2017

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				
Iron, Total Recoverable	Sample meas.	*****	*****		*****	3200	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	
Zinc Total Recoverable	Sample meas.	*****	*****		*****	49	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	
Lead Total Recoverable	Sample meas.	*****	*****		*****	ND	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	
Copper Total Recoverable	Sample meas.	*****	*****		*****	60	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	
Manganese, Total Recoverable	Sample meas.	*****	*****		*****	190	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	ug/l		Annually	

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		TYPED OR PRINTED Steve Locks		AREA NUMBER	

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TO: 8/31/2017

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				
Chloride	Sample meas.	*****	*****	530	mg/l	0	1	Grab
	1 - Final Effluent Permit reqmt. 46225	*****	*****	Report instantaneous	Report daily maximum		Annually	
Total Residual Chlorine	Sample meas.	*****	*****	0.03	mg/l	0	1	Grab
	1 - Final Effluent Permit reqmt. 50060	*****	*****	0.0075 Report instantaneous	Report daily maximum		Annually	
Sulfate	Sample meas.	*****	*****	370	mg/l	0	1	Grab
	1 - Final Effluent Permit reqmt. 81020	*****	*****	Report instantaneous	Report daily maximum		Annually	

COMMENTS:

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
<i>Shane Locks</i>	907-581-2963	17-5-11
TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	Y M D
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.		