


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: 7/1/2017 TO 7/31/2017
 NO DISCHARGE:

Parameter	Sample meas.	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum		Average	Maximum				
Temperature (C)	Sample meas.	*****	*****		6.4	6.4	DEG.C	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum			Monthly	
Turbidity	Sample meas.	*****	*****		34	34	NTU	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum			Monthly	
Magnesium, total recoverable	Sample meas.	*****	*****		*****	*****	ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum			2X Annually	
Arsenic, Total Recoverable	Sample meas.	*****	*****		1.4	1.4	ug/l	0	1	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		Report instantaneous	Report 10 daily maximum			Monthly	
Iron, Total Recoverable	Sample meas.	*****	*****		*****	*****	ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		Report instantaneous	Report daily maximum			2X Annually	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE	
Stephen Locks		907-321-2464		8-2-17	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		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.

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PERMIT NUMBER: AKG380005


MONITORING PERIOD: 7/1/2017

TO 7/31/2017

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

NO DISCHARGE:

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

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 TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
TELEPHONE		DATE	
707 321-2664		8-2-17	
AREA NUMBER		Y M D	

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 7/1/2017

TO 7/31/2017


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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
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			Y M D

SHANE LOCKS
 TYPED OR PRINTED

907 321-2465
 8-2-17

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: 7/1/2017

TO: 7/31/2017

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	Average	Maximum				
pH	Sample meas.	*****	7.06	7.06	7.06	S.U.	0	1	Grab
	1 - Final Effluent Permit reqmt. 00400	*****	6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum			Monthly	
Salinity	Sample meas.	*****	*****	*****	*****	ppt	0	0	Grab
	1 - Final Effluent Permit reqmt. 00480	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Ammonia Nitrogen (as N)	Sample meas.	*****	*****	0.51	0.51	mg/l	0	1	Grab
	1 - Final Effluent Permit reqmt. 00610	*****	*****	Report instantaneous	Report daily maximum			Monthly	
Magnesium, total recoverable	Sample meas.	*****	*****	*****	*****	ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt. 00921	*****	*****	Report instantaneous	Report daily maximum			2X Annually	
Arsenic, Total Recoverable	Sample meas.	*****	*****	*****	*****	ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt. 00978	*****	*****	Report instantaneous	10 daily maximum			2X Annually	

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<i>Steve Locks</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<i>[Signature]</i>
TYPED OR PRINTED	TELEPHONE	DATE
	907-321-2449	8-2-17
	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: 7/1/2017

TO: 7/31/2017

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				
Iron, Total Recoverable	Sample meas.	*****	*****		*****		ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum		2X Annually	
Zinc Total Recoverable	Sample meas.	*****	*****		*****		ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum		2X Annually	
Lead Total Recoverable	Sample meas.	*****	*****		*****		ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum		2X Annually	
Copper Total Recoverable	Sample meas.	*****	*****		*****		ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum		2X Annually	
Manganese, Total Recoverable	Sample meas.	*****	*****		*****		ug/l	0	0	Grab
	1 - Final Effluent Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum		2X Annually	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TYPED OR PRINTED SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE DATE
Steve Locks OFFICER OR AUTHORIZED AGENT	907-321-7244 6-2-17
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.

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 Juneau, AK 99801

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 LOCATION: 3 mile Egan Drive
 Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 7/1/2017

TO: 7/31/2017

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				
Chloride	Sample meas.	*****	*****	*****		0	0	Grab
	1 - Final Effluent	*****	*****	Report Instantaneous	Report daily maximum		2X Annually	
Total Residual Chlorine	Permit reqmt.	*****	*****	ND		0	1	Grab
	1 - Final Effluent	*****	*****	0.0075 Report Instantaneous	Report daily maximum		Monthly	
Sulfate	Sample meas.	*****	*****	*****		0	0	Grab
	1 - Final Effluent	*****	*****	Report Instantaneous	Report daily maximum		2X Annually	

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<i>Steve Locks</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE
TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	DATE
	907 321 2469	17-8-7
	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: 7/1/2017

TO: 7/31/2017

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

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SHELL Locks TYPED OR PRINTED	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE 907-321-2466 AREA NUMBER Y M D 17-8-2

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PERMIT NUMBER: AKG380005

MONITORING PERIOD: 7/1/2017

TO: 7/31/2017

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

NO DISCHARGE:

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

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<i>Steve Locks</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE
TYPED OR PRINTED	OFFICER OR AUTHORIZED AGENT	DATE
		907-321-2464 17-8-2
	AREA NUMBER	Y M D

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TO: 7/31/2017

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

COMMENTS:

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Sherr Lewis TYPED OR PRINTED		907-221-2565 17-8-2