MAILING ADDRESS: 5433 Shaune Drive CONTACT NAME: Stephen Locks Juneau, AK 99801

> LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

PERMIT NUMBER: AKG380005

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

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

OUTFALL / MONITORING POINT: OOLA Reverse Flow/Air Scrub	001A Rev	erse Flow/Air Sc	rub						ļ -	NO DISCHARGE:	
Parameter		Quantity or Loading	Loading	Units	Quality	ity or Concentration	ition	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C)	Sample		***		* * * *	64	64		0	₽	
	meas.					-					
1 - Final Effluent	Permit	****	****		****	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
00010	reqmt.										
Turbidity	Sample	** ** **	****		* * * *	34	34		0	Ь	
	meas.										
1 - Final Effluent	Permit	***	**		* * * *	Report instantaneous	Report daily maximum	UTN		Monthly	Grab
Magnesium, total recoverable	Sample meas.	****	* * * * *		* * * * *				0	0	
1 - Final Effluent 00921	Permit regmt.	****	****		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * * * *	****		****	1.4	1.4		0	1	
1 - Final Effluent 00978	Permit reqmt	*****	**		***	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	* * * *	**		* * *				0	0	
1 - Final Effluent 00980	Permit reqmt.	**	*****		* * * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

	Steve	NAME/TITLE PR
TYPED OR PRINTED	Locks	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the gathering the information, the information submitted is, to the best of my certify under penalty of law that this document and all attachments were

SIGNATURE OF PRINCIPAL EXECUT OFFICER OR AUTHORIZED AGEN

_	I,V	T-
AREA NUMBER	907-321-2565	ELECHONE
7 M D	8-2-13	DA:

MAILING ADDRESS: 5433 Shaune Drive CONTACT NAME: Stephen Locks Juneau, AK 99801

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

PERMIT NUMBER: AKG380005 OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub	AKG38000)5 erse Flow/Air So	rub		MONIT	MONITORING PERIOD: 7/1/2017	7/1/2017		or	7/31/2017 NO DISCHARGE:	
Parameter		Quantity or Loading	r Loading	Units	Quality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Zinc Total Recoverable	Sample meas.	** ** ** *	* * * * *		* * * * *				0	0	
1 - Final Effluent 01094	Permit reqmt.	****	**		* * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Lead Total Recoverable	Sample meas.	* * * * *	* * * *		***				0	0	
1 - Final Effluent 01114	Permit reqmt.	***	** ** **		* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	***	****		* * * * *				0	0	
1 - Final Effluent 01119	Permit reqmt.	****	****		**	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	* * *	* * * *		* * * *				0	0	
1 - Final Effluent 11123	Permit reqmt.	****	****		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Chloride	Sample meas.	* * * *	* * * *		* * *				0	0	
1 - Final Effluent 46225	ffluent Permit 46225 reqmt.	******	******		* * * *	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

Steve leach!	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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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 are significant penalties for submitting false information, including the possibility of fine and imprisorment for knowing violations knowledge and belief, true, accurate, and complete. I am aware that there who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my certify under penalty of law that this document and all attachments were

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MAILING ADDRESS: 5433 Shaune Drive CONTACT NAME: Stephen Locks LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

Juneau, AK 99801

MONITORING PERIOD: 7/1/2017

7/31/2017

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

PERMIT NUMBER: AKG380005 TO NO DISCHARGE:

Grab	2X Annually		mg/l	Report daily maximum	Report instantaneous	* * * * *		***	****	ffluent Permit 81020 reqmt.	1 - Final Effluent Permit 81020 reqmt.
	0	0				* * * *		****	* * * *	Sample meas.	Sulfate
Recorded	Continuous			**	****	* * * * *	MGD	Report daily maximum	Report monthly average	ffluent Permit 50050 reqmt.	1 - Final Effluent Permit 50050 reqmt.
	Continuous	0		****	****	**		680.0	0.033	Sample meas.	Flow
	Analysis	Ex.		Maximum	Average	Minimum		Maximum	Average		
Sample Type	No. Frequency of Sample Type		Units	ation	ity or Concentration	Quality	Units	r Loading	Quantity or Loading		Parameter

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

twe Locks TYPED OR PRINTED

possibility of fine and imprisonment for knowing violations. knowledge and belief, true, accurate, and complete. I am aware that there gathering the information, the information submitted is, to the best of my who manage the system, or those persons directly responsible for

I certify under penalty of law that this document and all affachments were prepared under my direction or supervision in accordance with a system the information submitted. Based on my inquiry of the person or persons designed to assure that qualified personnel property gather and evaluate SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT TELEPHONE 307 321-2465 AREA | NUMBER 8-217 Y M I D DATE

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MAILING ADDRESS: 5433 Shaune Drive

Juneau, AK 99801

CONTACT NAME: Stephen Locks

모

7/31/2017

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning Units MONITORING PERIOD: 7/1/2017 Units T0: NO DISCHARGE:

Parameter Arsenic, Total Recoverable Ammonia Nitrogen (as N) Magnesium, total recoverable 1 - Final Effluent 00921 00978 00610 00480 00400 Permit Permit Permit Permit Sample Permit Sample reqmt. Sample reqmt reqmt. Sample Sample reqmt. reqmt. meas. meas. meas, meas. meas. ***** ***** Average ***** ***** ***** ***** ***** ***** **Quantity or Loading** Maximum ***** ***** ***** ***** ***** ***** ***** **** instantaneous Minimum ***** ***** ***** ***** minimum 7.06 **** ***** **Quality or Concentration** instantaneous instantaneous instantaneous instantaneous instantaneous Average Report 0.51 7.06 Report Report Report Report daily maximum daily maximum daily maximum daily maximum instantaneous Maximum maximum Report 0.51 Report 7.06 Report 10 mg/l l/gu S.U. <u>ا</u> 돥 No. Ex. 0 0 0 0 0 Frequency of 2X Annually 2X Annually 2X Annually Analysis Monthly Monthly 0 0 0 - \vdash Sample Type Grab Grab Grab Grab Grab

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who manage the system, or those persons directly responsible for the information submitted. Based on my inquiry of the person or persons I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system are significant penalties for submitting false information, including the knowledge and belief, true, accurate, and complete I am aware that there gathering the information, the information submitted is, to the best of my designed to assure that qualified personnel property gather and evaluate

SIGNATURE OF PRINCIPAL EXEC	No	

OFFICER OR AUTHORIZED AGE CIPAL EXECU

N _T	JTIVE	
AREA NUMBER	907-321-2963	TELEPHONE
Y M D	11-2-8	DATE

CONTACT NAME: Stephen Locks
MAILING ADDRESS: 5433 Shaune Drive
Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash LOCATION: 3 mile Egan Drive

LOCATION: 3 mile Egan Drive
Juneau, AK 99801

MONITORING PERIOD: 7/1/2017

PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

TO: 7/31/2017 NO DISCHARGE:

()											
Parameter		Quantity or Loading	r Loading	Units	Quality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		EX.	Analysis	
Iron, Total Recoverable	Sample	***	****		* * *				0	0	
	meas.										
1 - Final Effluent 00980	Permit	**	**		***	Report instantaneous	Report daily maximum	ug/I		2X Annually	Grab
Zinc Total Recoverable	Sample	* * * * *	* * * * *		* * * *				0	0	
	meas.								(
1 - Final Effluent	Permit	**	**		***	Report	Report dailv maximum	ug/l		2X Annually	Grab
01094	reqmt.					III Stall tall to day	daily illustration				
Lead Total Recoverable	Sample	****	* * * * *		* * * * *				0	0	
	IIICas.							2			
1 - Final Effluent 01114	Permit reqmt.	**	* * * *		* * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	* * * *	***		****				0	0	
1 - Final Effluent		****	****		****	Report	Report	ng/I		2X Annually	Grab
01119	Permit reqmt					instantaneous	daily maximum				
Manganese, Total Recoverable	Sample meas.	* * * *	* * * *		****				0	0	
1 - Final Effluent 11123	Permit regmt.	*	* * * * * * *		* * * * *	Report instantaneous	Report daily maximum	l/Bn		2X Annually	Grab

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 pathenny the information, the information submitted is, to the best of my knowledge and better, tine, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the

SIGNATURE OF PRINCIPAL EXECUT

DAGENT	XECUTIVE	131
AREA NUMBER	407-32)-79/16	TELEPHONE
Y M D	8-2-17	DATE

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

	Analysis	Į. X		Minimum Average Mavimum		A.coroco Movimum	
Sample Type	Frequency of	Units No.	Units	Quality or Concentration	Units	Quantity or Loading	arameter
	NO DISCHARGE:					Enhanced Flux Cleaning	OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning
	7/31/201/	<u>.</u>		MONITORING PERIOD: 7/1/2017		380005	PERMIT NUMBER: AKG380005

Grab	2X Annually		mg/l	Report daily maximum	Report instantaneous	** ** ** **		** ** ** **	****	ffluent Permit 81020 reqmt.	1 - Final Effluent Permit 81020 reqmt.
	0	0				**		* * * *	**	Sample meas.	Sulfate
Grab	Monthly		mg/l	Report daily maximum	0.0075 Report instantaneous	* * * * *		****	***	ffluent Permit 50060 reqmt.	1 - Final Effluent 50060
	ь	0		ND	ND	**		**	****	Sample meas.	Total Residual Chlorine
Grab	2X Annually		mg/l	Report daily maximum	Report instantaneous	* * * * *		**	***	ffluent Permit 46225 reqmt.	1 - Final Effluent Permit 46225 reqmt.
	0	0				**		* * * *	**	Sample meas.	Chloride
	Analysis	Ex.		Maximum	Average	Minimum		Maximum	Average		
Sample Type	Б	No.	Units	ıtion	Quality or Concentration	Qual	Units	Quantity or Loading	Quantity		Parameter

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.

	I		
OFFICER OR AUTHORIZED AGENT		are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
TURE OF PRINCIPAL EXECUTIVE	SIGNA	gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there	STEVE LOUIS
907 321 2549	7	designed to assure that qualified personnel property 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	
•		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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2-8-11 6	907 321 2569	26	rsons
			lluate
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DATE	TELEPHONE		vere

Y M D

CONTACT NAME: Stephen Locks FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive Juneau, AK 99801

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801

MONITORING PERIOD: 7/1/2017

T0: NO DISCHARGE: 7/31/2017

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

Parameter		Quantity or Loading	r Loading	Units	Quali	Quality or Concentration	tion	Units	S S	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
PΗ	Sample meas.	* * * * *	****						0	0	
1 - Final Effluent 00400	Permit reqmt.	***	**		6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum	S.U.		Annually	Grab
Salinity	Sample meas.	* * * *	* * * *		* * * * *				0	0	
1 - Final Effluent 00480	Permit reqmt.	* * * *	* * * * *		**	Report instantaneous	Report daily maximum	ppt		Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	* * * *	* * * *		* * * * *				0	0	-
1 - Final Effluent 00610	Permit reqmt.	李安安安	* ** ** **		***	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Magnesium, total recoverable	Sample meas.	* * * *	* * * * *		* * * *				0	0	
1 - Final Effluent 00921	Permit reqmt.	* * * *	*		** ** ** **	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * *	* * * *		* * * *				0	0	
1 - Final Effluent 00978	Permit reqmt.	* * * *	*****		* * * * *	Report instantaneous	10 daily maximum	ug/I		Annually	Grab

MAILING ADDRESS: 5433 Shaune Drive CONTACT NAME: Stephen Locks Juneau, AK 99801 LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash Juneau, AK 99801

MONITORING PERIOD: 7/1/2017

TO: 7/31/2017 NO DISCHARGE:

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

|Manganese, Total Recoverable Copper Total Recoverable Zinc Total Recoverable Parameter Lead Total Recoverable Iron, Total Recoverable 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent Final Effluent 01114 01094 01119 00980 11123 Permit reqmt. Permit reqmt. Permit Sample Sample reqmt. Sample Permit Sample Permit reqmt. reqmt. Sample meas. meas. meas. meas. meas. Average ***** ***** ***** **** ***** **** **** ***** ***** Quantity or Loading Maximum ***** ***** ***** ***** ***** ***** **** ***** ***** Units Minimum ***** ***** ***** ***** ***** ***** ***** **** ***** **** **Quality or Concentration** instantaneous instantaneous instantaneous instantaneous instantaneous Average Report Report Report Report Report daily maximum daily maximum daily maximum daily maximum daily maximum Maximum Report Report Report Report Report Units /gu /gu l/8n /gu /gu No. 0 0 0 0 0 Frequency of Analysis Annually Annually Annually Annually Annually 0 0 0 0 0 Sample Type Grab Grab Grab Grab Grab

OFFICER	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
SIGNATURE	gathering the information, the information submitted is, to the best of my knowledge and belief true accurate and complete. I am aware that there	\$1500 x 0000;
11	who manage the system, or those persons directly responsible for	16.
1	the information submitted. Based on my inquiry of the person or persons	
L	designed to assure that qualified personnel properly gather and evaluate	
"	prepared under my direction of supervision in accordance with a system	
0		SOME THE PRINCIPAL PARCOLLAR COLLEGES

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SIGNATURE OF PRINCIPAL EXECUTIVE	R

OR AUTHORIZED AGENT

AREA | NUMBER

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XECUTIVE	
907-321-7965	TELEPHONE
1-8-11	DATE

MAILING ADDRESS: 5433 Shaune Drive CONTACT NAME: Stephen Locks 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

T0: NO DISCHARGE: 7/31/2017

Sulfate Chloride Parameter Total Residual Chlorine OUTFALL / MONITORING POINT: 001C Chemical Clean in Place 1 - Final Effluent 1 - Final Effluent Final Effluent 81020 50060 46225 Permit Permit Permit Sample reqmt. Sample reqmt. Sample reqmt meas. meas. meas. Average **** ***** ***** **** **** **Quantity or Loading** Maximum **** **** Units Minimum **** ***** ***** ***** ***** Quality or Concentration instantaneous instantaneous instantaneous Average Report 0.0075 Report Report daily maximum daily maximum daily maximum Maximum Report Report Report Units mg/l mg/ mg/l 0 0 0 Frequency of Analysis Annually Annually Annually 0 0 0 Sample Type Grab Grab 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

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are significant penalties for submitting false information, including the knowledge and belief, true, accurate, and complete. I am aware that there gathering the information, the information submitted is, to the best of my the information submitted. Based on my inquiry of the person or persons prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate

certify under penalty of law that this document and all attachments were

SIGNATURE OF PRINCIPAL EXEC

TELEPHONE

DATE

OFFICER OR AUTHORIZED AG

AREA NUMBER	907-121-2565
OIWIL	-2965 17-8-2