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: 001A Reverse Flow/Air Scrub

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

Parameter		Quantity o	Quantity or Loading	Units	Quality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C)	Sample		****		* * * *	2.3	2.3		0	1	
4 T:		****	****		¥ ₩ ₩ ₩						
1 - Final Effluent 00010	Permit reqmt.	9	***************************************		**************************************	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
Turbidity	Sample meas.	* * * *	* * * *		* * * * *	27.2	27.2		0	1	
1 - Final Effluent 00070	Permit reqmt.	*****	* * * * *		*****	Report instantaneous	Report daily maximum	UTN		Monthly	Grab
Magnesium, total recoverable	Sample meas.	* * * *	* * * *		* * * *	970	970		0	1	
1 - Final Effluent 00921	Permit reqmt.	*	* * * * *		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * * *	****		* * * * *	1.8	1.8		0	ь	
1 - Final Effluent 00978	Permit reqmt	****	***		***	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	* * * *	* * * *		* * * * *	820	820		0	н	
1 - Final Effluent 00980	Permit reqmt.	* * * * * * * *	**		***	Report instantaneous	Report daily maximum	ug/I		2X Annually	Grab

	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
1	10110	SIGNATURE OF PRINCIPAL EXECUTIVE	knowledge and belief, true, accurate, and complete. I am aware that there	Jan Den
_	CN7-27/-25C7		the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for	and look
-			designed to assure that qualified personnel properly gather and evaluate	•
-	TELEPHONE		I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

	TELEPHONE	DATE
fell	C151-121 HA	01 - 01
GNATURE OF PRINCIPAL EXECUTIVE	10110	01701
OFFICER OR AUTHORIZED AGENT	AREA NUMBER	DIWIA

FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

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

TO NO DISCHARGE: 1/31/2018

MONITORING PERIOD: 1/1/2018

	•	Lucina	ich or correctin amon	TLYOTT	OIIIE	No.	Frequency of	Sample Type
Average	Maximum	Minimum	Average	Maximum		Ex.	Analysis	:
* * * * *	* * * * *	* * * * *	7.9	7.9		0	1	
**	**	* * * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
* * * * *	* * * * *	* * * * *	ND	ND		0	₽	
* * * *	**	* * * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
* * * * *	* * * * *	* * * * *	2.5	2.5		0	<u>г</u>	
****	**	* * * * *	Report instantaneous	Report daily maximum	ug/i		2X Annually	Grab
* * * *	* * * * *	* * * * *	93	93		0	1	
**	** **	* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
* * * *	* * * *	* * * * *	<0.1	<0.1		0	1	
* * * * *	*****	**	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab
	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	******** ******* ****** ****** *****	******	******	****** ***** 7.9 7.9 ******	######################################

AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting talse information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
101.24.6	SIGNATURE OF PRINCIPAL EXECUTIVE	Substitution of the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there	7 " "
967-771-751	1	prepared under the presence with a system of the prepared to the 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	Chr locks
TELEPHONE		I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

1	ICCCTACNE	DAIR
	967-271-7569	
RE OF PRINCIPAL EXECUTIVE	101.2000	18-2-1
R OR AUTHORIZED AGENT	AREA NUMBER	Y M D

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

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

Flow

Sulfate

MONITORING PERIOD: 1/1/2018

OT NO DISCHARGE: 1/31/2018

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

		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	ation	Units	No.	No. Frequency of Sample Type	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
	Sample meas.	0.023	0.035		* * * *	* * * * *	* * *		0	Continuous	
1 - Final Effluent Permit 50050 reqmt.	ffluent Permit 50050 reqmt.	Report monthly average	Report daily maximum	MGD	* * * *	**	* * * * *			Continuous	Recorded
	Sample meas.	* * * * *	* * * * *		* * * * *	5.8	5.8		0	Ь	
1 - Final Effluent Permit 81020 reqmt.	ffluent Permit 81020 regmt.	* * * * *	*********		* * * *	Report instantaneous	Report daily maximum	mg/l		2X Annually	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 TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 907-321-2565 TELEPHONE AREA | NUMBER 18-2-K

YIMID

DATE

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

PERMIT NUMBER: AKG380005

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

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801 MONITORING PERIOD: 1/1/2018 Juneau, AK 99801 TO 1/31/2018

OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub	001A Rev	erse Flow/Air Sc	ź.b						7 P	NO DISCHARGE.	
Parameter		Ouantity or Loading	r Loading	Units	Onality	ity or Concentration	ation	Ilnite	20 .	Frequency of	Sample Time
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	H · · · · · · · · · · · · · · · · · · ·
Temperature (C)	Sample meas.		* * * *		* * * *	2.3	2.3		0	1	
1 - Final Effluent 00010	Permit reqmt	** ** ** *	** ** *		***	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
Turbidity	Sample meas.	* * * *	* * * *		* * * * *	27.2	27.2		0	ь	
1 - Final Effluent Permit 00070 reqmt.	Permit reqmt.	**	************		* * * * *	Report instantaneous	Report daily maximum	NTU		Monthly	Grab
Magnesium, total recoverable	Sample meas.	* * * *	* * * * *		* * * *	970	970		0	1	
1 - Final Effluent 00921	Permit reqmt.	* * * * *	**		**	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * * *	* * * *		* * * *	1.8	1.8		0	Ь	
1 - Final Effluent 00978	Permit reqmt.	**	** ** **		** ** **	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	* * * *	* * * * *		* * * * *	820	820		0	1	
1 - Final Effluent 00980	Permit reqmt.	* * * * *	** ** ** **		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
101-3-1-5-101	SIGNATURE OF PRINCIPAL EXECUTIVE	knowledge and belief, true, accurate, and complete. am aware that there	//
C/7-271-75/5	7	who manage the system, or those persons directly responsible for	Stone Lack
		the information submitted. Based on my inquiry of the person or persons	/ / /
		designed to assure that qualified personnel properly gather and evaluate	
	`	prepared under my direction of supervision in accordance with a system	
TELEPHONE		certify under penalty of law that this document and all attachments were	NAME/THEE PRINCIPAL EXECUTIVE OFFICER

	- הרחלה כאה	DATE
Al Alice		
Jac	C/2-221-75/5	
GNATURE OF PRINCIPAL EXECUTIVE	701-8-1 6.2.	18-2-13
OFFICER OR AUTHORIZED AGENT	AREA NUMBER	DIWIA

MAILING ADDRESS: 5433 Shaune Drive

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

Juneau, AK 99801

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 1/1/2018

TO NO DISCHARGE: 1/31/2018

Manganese, Total Recoverable Chloride Copper Total Recoverable Parameter Lead Total Recoverable Zinc Total Recoverable OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub 1 - Final Effluent 01119 46225 11123 01114 01094 Permit reqmt. Permit reqmt. Sample Sample Permit Sample reqmt. Permit Permit Sample Sample reqmt. meas. meas. reqmt. meas. meas. meas. Average ***** ***** ***** ***** **** **** ***** **** **** ***** **Quantity or Loading** Maximum ***** **** ***** ***** ***** ***** **** ***** **** ***** Units Minimum ***** ***** **** ***** ***** ***** ***** ***** **** Quality or Concentration instantaneous instantaneous instantaneous instantaneous instantaneous Average Report Report <0.1 Report Report Report 2.5 7.9 93 ND daily maximum daily maximum daily maximum daily maximum daily maximum Maximum Report <0.1 Report Report Report Report 2.5 ND 7.9 93 Units mg/l l/gu l/gu /gu l/gu No. 0 0 0 0 0 Frequency of 2X Annually 2X Annually 2X Annually 2X Annually 2X Annually Analysis - \vdash \vdash \vdash \vdash Sample Type Grab Grab Grab Grab Grab

AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
407-321-2464	SIGNATURE OF PRINCIPAL EXECUTIVE 407-321-244	damering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there	1100 0000
	M	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	Cheur links
TELEPHONE	0/	I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

DIMIA	AREA NUMBER	OFFICER OR AUTHORIZED AGENT
15-2-15	407-321-2664	SIGNATURE OF PRINCIPAL EXECUTIVE
		M
DATE	TELEPHONE	0

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

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

OHTEAH / MONITORING POINT: 001A RE //Air s

> MONITORING PERIOD: 1/1/2018 OT 1/31/2018

OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub	001A Rev	erse Flow/Air So	crub			9			7	NO DISCHARGE:	
Parameter		Quantity or Loading	or Loading	Units	Quality	ity or Concentration	ltion	Units	No.	Frequency of Sample Type	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Flow	Sample meas.	0.023	0.035		* * * * *	* * * * *	* * * * *		0	Continuous	
1 - Final Effluent Permit 50050 reqmt.	:ffluent Permit 50050 regmt.	Report monthly average	Report daily maximum	MGD	* * * * *	*****	** ** ** ** ** ** ** ** ** ** ** ** **			Continuous	Recorded
Sulfate	Sample meas.	* * * *	* * * *		* * * * *	5.8	5,8		0	Ъ	
1 - Final Effluent Permit 81020 reqmt.	Effluent Permit 81020 reqmt	***	***************************************		**************************************	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

COMMENTS:

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	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
	101-724-10%	SIGNATURE OF PRINCIPAL EXECUTIVE 701-321-2761	— knowledge and belief, true, accurate, and complete. I am aware that there)/ == ;
		A		a lucks
			designed to assure that qualified personnel property gather and evaluate	8
	TELEPHONE	Į.	I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

AIWID	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	the
18-2-13	1062-126-102	SIGNATURE OF PRINCIPAL EXECUTIVE 701-321-2761	nat there
<u> </u>		A	cn.
			valuate
DATE	TELEPHONE	E.	s were

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

MAILING ADDRESS: 5433 Shaune Drive Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place PERMIT NUMBER: AKG380005 MONITORING PERIOD: 1/1/2018 T0: NO DISCHARGE: 1/31/2018

Danamatan		0	1	11.							
r ai ailletei		Quantity	Quantity of Loading	Units	Quality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
рН	Sample meas.	* * * * * *	* * * * *						0		
1 - Final Effluent	Permit	***	****		6.5	Report	8.5 5	S.U.		Annually	Grab
00400					instantaneous minimum	instantaneous	instantaneous maximum				
Salinity	Sample meas.	** ** **	* * *		** **				0		
1 - Final Effluent 00480	Permit regmt.	***	*****		* * * *	Report instantaneous	Report daily maximum	ppt		Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	* * * * *	* * * * *		* * * * *				0		
1 - Final Effluent 00610	Permit reqmt.	**	***		****	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Magnesium, total recoverable	Sample meas.	* * * * *	****		* * * * *				0		
1 - Final Effluent 00921	Permit reqmt.	*******	****		**	Report instantaneous	Report daily maximum	ug/I		Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * * * *	* * * * *		* * * * *				0		
1 - Final Effluent 00978	Permit reqmt.	*****	**		****	Report instantaneous	10 daily maximum	ug/l		Annually	Grab

YIMID	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	TYPED OR PRINTED
18-6-17	901-361-2969	SIGNATURE OF PRINCIPAL EXECUTIVE 401-361-2969	knowledge and belief, true, accurate, and complete. I am aware that there	
5	22 22	101	who manage the system, or those persons directly responsible for	A: / 2/2
		11/11/11	the information submitted. Based on my inquiry of the person or persons	
			designed to assure that qualified personnel properly gather and evaluate	
		•	prepared under my direction or supervision in accordance with a system	
DATE	TELEPHONE		certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

~	AREA NUMBER	FICER OR AUTHORIZED AGENT
2	401-371-1262	ATURE OF PRINCIPAL EXECUTIVE
		N. N.
	TELEPHONE	•

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

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

Juneau, AK 99801

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 1/1/2018 T0: NO DISCHARGE: 1/31/2018

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were		TELEPHONE	DATE
Stave Locks	prepared under my direction of 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 pathering the information, the information submitted is, to the best of my	July State of Delivery State of State o	927-125-100	15-2-1
	who manage the system, or those persons directly responsible for pathering the information, the information submitted is, of the best of my knowledge and healed the accurate and complete. I am aware that there	SIGNA	907-321-2469	18-2-1
TYPED OR PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	OIMIA

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

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place PERMIT NUMBER: AKG380005 MONITORING PERIOD: 1/1/2018 T0: NO DISCHARGE: 1/31/2018

Parameter		Quantity or Loading	or Loading	Units	Qual	Quality or Concentration	tion	Units	No.	Frequency of Sample Type	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Chloride	Sample meas.	* * * * *	***		***				0		
1 - Final Effluent Permit 46225 reqmt.	ffluent Permit 46225 regmt.	* * * * *	****		****	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Total Residual Chlorine	Sample meas.	* * * * *	* * * * *		* * * * *				0		
1 - Final Effluent Permit 50060 reqmt.	ffluent Permit 50060 reqmt.	****	*****		** ** *	0.0075 Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Sulfate	Sample meas.	* * * *	* * * *		* * * * *				0		
1 - Final Effluent Permit 81020 reqmt.	ffluent Permit 81020 reqmt.	* * * * *	*****		****	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
COMMENTS.									Ш		
COMMENTS:											

Mo Samples required This Period

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.

Incentify 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 submitted is, to the best of my knowledge and behief, the, accurate, and complete I am aware that there are significant penalties for submitting lates information, including the persons of persons or persons are significant penalties for submitting lates information, including the persons of persons or persons are significant penalties for submitting lates information, including the persons of persons or person
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Y	AREA I NUMBER	OFFICER OR AUTHORIZED AGENT
12-7-	101.201.746	SIGNATURE OF PRINCIPAL EXECUTIVE WIT 701 2167 18-2-15
1	100 mm	AM
		10
DATE	TELEPHONE	