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

LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 6/1/2018 TO 6/30/2018

DIMENT OF THE CONTROL OF THE PRINCE))	1	•							0,00,000	
OUTFALL / MONITORING POINT: UUTA REVERSE Flow/Air Scrub	UUIA Kev	erse Flow/Air S	crub						-	NO DISCHARGE:	
Parameter		Quantity	Quantity or Loading	Units	Quality o	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C)	Sample meas.		****		* * * *	4.6	4.6		0	Ъ	
1 - Final Effluent 00010	Permit reqmt.	****	*****		**	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
Turbidity	Sample meas.	* * * * *	* * * *		* * * * *	& &	8.8		0	1	
1 - Final Effluent 00070	Permit reqmt.	**	****	ā	** ** **	Report instantaneous	Report daily maximum	UTN		Monthly	Grab
Magnesium, total recoverable	Sample meas.	* * * *	* * * * *		* * * * *	860	860		0	Ľ	
1 - Final Effluent Permit 00921 reqmt.	Permit reqmt.	***************************************	* * * * *		****	Report instantaneous	Report daily maximum	ug/I		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	**	* * * * *		* * * * *	1.7	1.7		0	1	
1 - Final Effluent Permit 00978 reqmt.	Permit reqmt.	* * * * * *	*****		* * * *	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	* * * *	****		* * * *	410	410		0	1	
1 - Final Effluent 00980	Permit reqmt.	*	*****		** ** ** **	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

TYPED OR PRINTED	Ryan w. Horman	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	prepared uncer in y unequior to 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 singular true, accurate and complete I am aware that there.	certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	
AREA NUMBER	1907-500-4341	TELEPHONE
AIWID	2018-7-2	DATE

AIWID	AREA NUMBER	ER OR AUTHORIZED AGENT
2018-7-2	1245h-009-10h	JRE OF PRINCIPAL EXECUTIVE
	007 (20)	Will
DATE	- FLETHCAR	

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

Juneau, AK 99801

PERMIT NUMBER: AKG380005

Juneau, AK 99801

OUTFALL / MONITORING POINT: 001A Rev Elow/Air Co

> MONITORING PERIOD: 6/1/2018 TO 6/30/2018

OUTFALL / MONITORING POINT: OO1A Reverse Flow/Air Scrub	001A Rev	erse Flow/Air So	crub						7	NO DISCHARGE:	
Parameter		Quantity or Loading	or Loading	Units	Quality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Zinc Total Recoverable	Sample	* * * * *	****		* * * * *	10	10		0	1	
1 - Final Effluent 01094	Permit reqmt.	**	** ** ** **		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Lead Total Recoverable	Sample meas.	* * * * *	* * * *		* * * * *	ND	ND		0	ь	
1 - Final Effluent 01114	Permit reqmt	* * * *	* * * * * * * * * * * * * * * * * * *		***	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	* * * *	* * * *		* * *				0	1	
1 - Final Effluent 01119	Permit reqmt.	***	* * * * * *		* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	* * * *	****		****				0	ь	
1 - Final Effluent 11123	Permit reqmt.	****	***		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Chloride	Sample meas.	* * * *	* * * * *		* * * *	0.5	0.5		0	1	
1 - Final Effluent 46225	Permit reqmt.	** ** ** **	*****		** **	Report instantaneous	Report daily maximum	mg/I		2X Annually	Grab

TYPED OR PRINTED are poss	Myan W. According their states	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I cen
are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	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 gathering the information, the information submitted is, to the best of my Kindwedde and belief fure accurate and complete. I am aware that there	I certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	
AREA NUMBER	907-500-4344	TELEPHONE
DIMIA	2018-7-7	DATE

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

1 - Final Effluent 50050 Permit reqmt. Sample Sample meas. meas. monthly average 0.034 Average ***** Report Quantity or Loading daily maximum Maximum ***** 0.055 Report Units MGD Minimum ***** ***** **** MONITORING PERIOD: 6/1/2018 **Quality or Concentration** Average **** ***** 5.9 Maximum **** **** 5.9 Units TO Ex. 0 0 NO DISCHARGE: 6/30/2018 Frequency of Continuous Continuous **Analysis** Sample Type Recorded

COMMENTS:

Sulfate

1 - Final Effluent Permit

instantaneous

daily maximum

Report

mg/l

2X Annually

Grab

Report

81020

reqmt

Flow

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.

TYPED OR PRINTED	Ryan W. Herman	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	he pure uncer in y uneculor or supervision in accordance wind a system designed to assure that quasified 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, thus, accurate, and complete I am aware that there!	I certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE 107-500-4344	
AREA NUMBER	907-500-4341	TELEPHONE
AIWID	2018-7-2	DATE

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

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 6/1/2018 T0: NO DISCHARGE: 6/30/2018

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

are significant penalties for submitting false information possibility of fine and imprisonment for knowing v	TYPED OR PRINTED
prepared under my direction or supervision in accidesigned to assure that qualified personnel proportion information submitted. Based on my inquiry of the information submitted. Based on my inquiry of who manage the system, or those persons directly who manage the system, or those persons directly pathening the information, the information submitting pathening the participation.	Ryon W. Herman - Haywood
certify under penalty of law that this document ar	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

nt and all attachments were n accordance with a system roperly gather and evaluate iny of the person or persons rectly responsible for mitted is, to the best of my relete. I am aware that they formation, including the rig violations.

- 1	_	_	
	OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	
	AREA NUMBER	907-500-4344 2018-7-2	TELEPHONE
	Y M D	2018-7-2	DATE

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

PERMIT NUMBER: AKG380005

Juneau, AK 99801

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 6/1/2018

NO DISCHARGE: 6/30/2018

Juneau, AK 99801

T0:

			(ואט מומכוומועמב.	
Parameter		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	ition	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Iron, Total Recoverable	Sample meas.	* * * *	* * * * *		* * * * *	3000	3000		0	1	
1 - Final Effluent 00980	Permit reqmt.	* * * * * * * * * * * * * * * * * * *	*****		* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Zinc Total Recoverable	Sample meas.	* * * * *	* * * * *		* * * * *	23	23		0	1	
1 - Final Effluent 01094	Permit reqmt.	**	* * * *		* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Lead Total Recoverable	Sample meas.	* * * *	* * * * *		* * * * *	ND	ND		0	Ľ	
1 - Final Effluent 01114	Permit reqmt.	* * * * *	*		** **	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	* * * * *	* * * * *		* * * * *	17	17		0	Ľ	
1 - Final Effluent 01119	Permit reqmt.	**	**		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	* * * * *	* * * * *		* * * * *	140	140		0	Þ	
1 - Final Effluent 11123	Permit reqmt.	*****	** ** ** ** **		** ** ** **	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

TYPED OR PRINTED		TYCK W. HERMAN		>			NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
possibility of fine and imprisonment for knowing violations.	knowledge and belief, true, accurate, and complete. I am aware that men	garrening the information, the information submitted is, to the best of my // SIGNATURE OF PRINCIPAL EXECUTIVE 16/-500-43-10 70/7-7-2	who manage the system, or those persons directly responsible for	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	I certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	9	VSIGNATURE OF PRINCIPAL EXECUTIVE	1001		7		
AREA NUMBER		12122-005-196	1				TELEPHONE
AIWID		7017-7-2					DATE

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: 001B Enhanced Flux Cleaning PERMIT NUMBER: AKG380005

MONITORING PERIOD: 6/1/2018

NO DISCHARGE:

T0: 6/30/2018 pe

be a second of the second of t	0010	arreca i lay erea	σ							INO DISCITANCE:	
Parameter		Quantity or Loading	r Loading	Units	Quality	ity or Concentration	ition	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	_	
Chloride	Sample meas.	* * * *	* * * *		* * * *	260	260		0	1	
1 - Final Effluent Permit 46225 reqmt.	ffluent Permit 46225 reqmt.	* ** **	* * * * *		* * * *	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab
Total Residual Chlorine	Sample meas.	* * * * *	* * * * *		* * * * *	ND	ND		0	1	
1 - Final Effluent Permit 50060 reqmt.	ffluent Permit 50060 reqmt	**	**		****	0.0075 Report instantaneous	Report daily maximum	mg/l		Monthly	Grab
Sulfate	Sample meas.	**	* * * *		* * * * *	880	880		0	1	
1 - Final Effluent Permit 81020 reqmt.	ffluent Permit 81020 regmt.	****	******		**	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

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TYPED OR PRINTED	Ryan W. Horman	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
_	prepared uncer in princular 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 knowledge and bester the accurate a and complete. I am aware that these knowledges and bester the accurate a and complete.	I certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE 907-500-4344	
AREA NUMBER	907-500-4344	TELEPHONE
DIWIA	2818-7-2	DATE

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

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 6/1/2018

Juneau, AK 99801

TO: 6/30/2018 NO DISCHARGE:

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

Salinity Magnesium, total recoverable Ammonia Nitrogen (as N) 모 Arsenic, Total Recoverable Parameter 1 - Final Effluent 00400 00921 00610 00480 00978 Permit Permit Permit Permit reqmt. Permit Sample Sample reqmt. Sample reqmt. Sample reqmt. Sample reqmt. meas. meas. meas. meas. meas. Average **** ***** ***** ***** ***** **** ***** **** **** Quantity or Loading Maximum ***** ***** ***** **** ***** **** ***** ***** ***** Units instantaneous Minimum ***** ***** **** ***** minimum **** **** ***** ***** 6.6 6.5 **Quality or Concentration** instantaneous instantaneous instantaneous instantaneous instantaneous Average Report Report 1500 Report < 0.05 Report 200 Report 6.2 6.6 daily maximum daily maximum daily maximum daily maximum instantaneous Maximum maximum 1500 < 0.05 Report 200 Report Report 6.6 6.2 8.5 Units mg/l /gu l/gu ppt S.U. Ex. 0 0 0 0 0 Frequency of **Analysis** Annually Annually Annually Annually Annually Sample Type Grab Grab Grab Grab Grab

OFFICER OR AUTHORI	are significant penalues for submitting false information, including the possibility of fine and imprisonment for knowing violations	TYPED OR PRINTED
SIGNATURE OF PRINCIPA	committee and belief true accurate and committee Is no me best of my	IV m W. Merman
	who manage the system, or those persons directly responsible for	
1/10/	the information submitted. Based on my inquiry of the person or persons	
4	designed to assure that qualified personnel properly gather and evaluate	
	prepared under my direction or supervision in accordance with a system	
	certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

YIMID	AREA NUMBER)FFICER OR AUTHORIZED AGENT
2018-7-2	907-60-4341	NATURE OF PRINCIPAL EXECUTIVE
DATE	TELEPHONE	4

FACILITY: Salmon Creek Water Plant Backwash

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

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 6/1/2018 T0: 6/30/2018

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place	001C Che	mical Clean in P	lace						Zr	NO DISCHARGE:	
Parameter		Quantity or Loading	r Loading	Units	Quality	ty or Concentration	tion	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
lron, Total Recoverable	Sample meas.	* * * * *	***		** ** **	22000	22000		0		
1 - Final Effluent 00980	Permit reqmt.	* * * * * *	* * *		* ** **	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Zinc Total Recoverable	Sample meas.	* * * * *	* * * *		* * * * *	160	160		0		
1 - Final Effluent 01094	Permit reqmt	*****	* * * *		**	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Lead Total Recoverable	Sample meas.	* * * * *	* * * * *		* * * * *	ND	ND		0		
1 - Final Effluent 01114	Permit reqmt	****	** ** ** **		* * * *	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Copper Total Recoverable	Sample meas.	* * * *	* * * * *		* * * *	110	110		0		
1 - Final Effluent 01119	Permit reqmt.	****	* * * *		**	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Manganese, Total Recoverable	Sample meas.	* * * *	* * * * *		* * * * *	1500	1500		0		
1 - Final Effluent 11123	Permit reqmt.	* * * * *	* * * * *		**	Report instantaneous	Report daily maximum	ug/l		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
1245H-005-112	SIGNATURE OF PRINCIPAL EXECUTIVE	 knowledge and belief, true, accurate, and complete. I am aware that there 	I you W. I T' Man
0,7	1100	who manage the system, or those persons directly responsible for	
		the information submitted. Based on my inquiry of the person or persons	
	7	designed to assure that qualified personnel properly gather and evaluate	***
,		prepared under my direction or supervision in accordance with a system	
TELEPHONE		certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

YIMID	AREA NUMBER	R OR AUTHORIZED AGENT
298-7-7	1241-200-43461	RE OF PRINCIPAL EXECUTIVE
	0,7	
DATE	TELEPHONE	

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

MONITORING PERIOD: 6/1/2018

T0: NO DISCHARGE: 6/30/2018

Sample Type

Grab

Sulfate **Total Residual Chlorine** Chloride **Parameter** OUTFALL / MONITORING POINT: 001C Chemical Clean in Place 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent 50060 46225 Permit reqmt. Permit Permit Sample reqmt. Sample Sample meas. meas. meas. Average ***** ***** **** **** ***** ***** Quantity or Loading Maximum ***** ***** ***** **** **** Units Minimum ***** ***** ***** ***** **** **Quality or Concentration** instantaneous instantaneous Average Report 0.0075 Report Report 490 280 ND daily maximum daily maximum Maximum Report Report Report 280 490 ND Units mg/ mg/l mg/l No. Ex. 0 0 0 Frequency of **Analysis** Annually Annually Annually

COMMENTS:

81020

reqmt

instantaneous

daily maximum

Grab

Grab

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	certify under penalty of law that this document and all attachments were		TELEPHONE	DATE
Ryon W. Arman	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 the	SIGNATURE OF PRINCIPAL EXECUTIVE \$ 07-506-4344		20187-2
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	AIWID

YIMID	AREA NUMBER	OR AUTHORIZED AGENT
7-1-0107	-1	OF PRINCIPAL EXECUTIVE Y 0/2/00-4/4/1
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מאות	ICCCCTIONE	