CONTACT NAME: Samantha Stoughtenger FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 2009 Radcliffe Rd Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

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

MONITORING PERIOD: 5/1/2017 TO 5/31/2017 NO DISCHARGE:

OUTFALL / MONITURING POINT: OUTA Reverse Flow/Air Scrub	001A Rev	erse How/Air Sc	rub						,	NO DISCHARGE:	
Parameter		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	tion	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C)	Sample		***		***	л 1	л Л		0	_	
	meas.					ŀ	ţ				
1 - Final Effluent	Permit	* * *	* **		****	Report instantaneous	Report daily maximum	DEG.C		Monthly	Grab
00010	reqmt										
Turbidity	Sample meas.	****	***		* * * * *	130	130		0	щ	
1 - Final Effluent 00070	Permit reqmt	** ** ** *	****		**	Report instantaneous	Report daily maximum	NTU		Monthly	Grab
Magnesium, total recoverable	Sample meas.	****	***		* * * *				0	0	
1 - Final Effluent 00921	Permit reqmt.	**	***		****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * *	****		* * * *	14	14		0	1	
1 - Final Effluent 00978	Permit reqmt.	***	***		*****	Report instantaneous	10 daily maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	* * * * *	* * * *		* * * *			41	0	0	
1 - Final Effluent 00980	Permit reqmt	****	*		* * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

TYPED OR PRINTED	18H7 - E	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
INTED	2	IVE OFFICER
are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	designed to sear that qualified personal 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 gathering the information, the information submitted is, to the best of my large-active and best of my contraction and best of the persons directly responsible for the perso	certify under penalty of law that this document and all attachments were
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	
AREA NUMBER	586.0877	TELEPHONE
YIMID	47/201	DATE

Page 1

CONTACT NAME: Samantha Stoughtenger FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 2009 Radcliffe Rd Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 5/1/2017

TO 5/31/2017

Zinc Total Recoverable Chloride Manganese, Total Recoverable Copper Total Recoverable Lead Total Recoverable Parameter OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent Final Effluent 1 - Final Effluent 01119 01114 01094 11123 46225 Permit Permit Sample Permit Sample reqmt. Permit reqmt. Permit Sample reqmt. reqmt Sample Sample reqmt. 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 mg/l l/gu /gu /gu l/gu No. 0 0 0 0 0 NO DISCHARGE: Frequency of 2X Annually 2X Annually 2X Annually 2X Annually 2X Annually Analysis 0 0 0 0 0 Sample Type Grab Grab Grab Grab Grab

RPRINTED	Ossign the info	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify
are significant penalties for solomiting likes information, including the possibility of fine and imprisonment for knowing violations.	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 gathering the information, the information submitted is, to the best of my	certify under penalty of law that this document and all attachments were necessared under my direction or supervision in accordance with a system
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	11011
AREA NUMBER	586-0877	TELEPHONE
YIMID	2017/6/7	DATE

CONTACT NAME: Samantha Stoughtenger FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 2009 Radcliffe Rd Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

PERMIT NUMBER: AKG380005

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

MONITORING PERIOD: 5/1/2017

TO 5/31/2017

NO DISCHARGE:

		ľ	ſ								
				daily maximum	instantaneous					81020 reqmt.	81020
Grab	2X Annually		mg/l	Report	Report	****		***	****	Dormit	1 - Final Effluent
	0	0				* * * *		* * * *	* * * * *	Sample meas.	Sulfate
Recorded	Continuous			* * * * *	* * * * *	* * * *	MGD	Report daily maximum	Report monthly average	:ffluent Permit 50050 reqmt.	1 - Final Effluent 50050
	Continuous	0		****	****	* * * * *		0.042	0.027	Sample meas.	Flow
	Analysis	Ex.		Maximum	Average	Minimum		Maximum	Average		
Sample Type	No. Frequency of Sample Type	No.	Units	ıtion	ity or Concentration	Quality	Units	Quantity or Loading	Quantity o		Parameter

COMMENTS:

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the information submitted. Based on my inquiry of the person or persons certify under penalty of law that this document and all attachments were who manage the system, or those persons directly responsible for designed to assure that qualified personnel properly gather and evaluate repared under my direction or supervision in accordance with a system athering the information, the information submitted is, to the best of my

SIGNATURE OF PRINCIPAL OFFICER OR AUTHORIZED AGENT EXECUTIVE TELEPHONE AREA | NUMBER YIMID DATE

MAILING ADDRESS: 2009 Radcliffe Rd CONTACT NAME: Samantha Stoughtenger LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 15/1/2017 TO: 5/31/2017

Juneau, AK 99801

										-	_		
1 - Final Effluent 00978	Arsenic, Total Recoverable	1 - Final Effluent 00921	Magnesium, total recoverable	1 - Final Effluent 00610	Ammonia Nitrogen (as N)	1 - Final Effluent 00480	Salinity	1 - Final Effluent 00400	рн		Parameter	OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning	PERMIT NUMBER: AKG380005
Permit reqmt.	Sample meas.	Permit reqmt	Sample meas.	Permit reqmt	Sample meas.	Permit reqmt.	Sample meas.	Permit reqmt	Sample meas.			001B Enh	AKG38000
****	* * * *	*** ** *	* * * *	****	* * * *	***	***	****	***	Average	Quantity or Loading	anced Flux Clea	Ğ
****	****	****	****	* * * * *	**	***	***	* * * * *	**	Maximum	or Loading	ning	
											Units		
***	****	****	****	****	****	*****	****	6.5 instantaneous minimum	7.35	Minimum	Quality o		MONIT
Report instantaneous		Report instantaneous		Report instantaneous	0.55	Report instantaneous		Report instantaneous	7.35	Average	ity or Concentration		MUNITURING PERIOD: 5/1/2017
10 daily maximum		Report daily maximum		Report daily maximum	0.55	Report daily maximum		8.5 instantaneous maximum	7.35	Maximum	ation		5/1/2017
ug/l		ug/l		mg/l		ppt		S.U.			Units		
	0		0		0		0		0	Ex.	No.		.O.
2X Annually	0	2X Annually	0	Monthly	1	2X Annually	0	Monthly	1	Analysis	Frequency of	NO DISCHARGE:	5/31/2017
Grab		Grab		Grab		Grab		Grab			Sample Type		

gathering the information, the information submitted is, to the best of my prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate are significant penalties for submitting false information, including the gnowledge and belief, true, accurate, and complete. I am aware that there who manage the system, or those persons directly responsible for he information submitted. Based on my inquiry of the person or persons SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT TELEPHONE AREA | NUMBER YIMID DATE

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

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MAILING ADDRESS: 2009 Radcliffe Rd CONTACT NAME: Samantha Stoughtenger LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

Juneau, AK 99801

T0: 5/31/2017

Zinc Total Recoverable Manganese, Total Recoverable Copper Total Recoverable Parameter Lead Total Recoverable Iron, Total Recoverable OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning PERMIT NUMBER: AKG380005 1 - Final Effluent Final Effluent 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent 01114 01094 00980 01119Sample Sample Permit Permit Permit Permit reqmt Sample reqmt. Permit Sample Sample reqmt. reqmt. reqmt. meas. meas. meas. meas. ***** ***** ***** ***** ***** Average ***** **** Quantity or Loading Maximum ***** ***** ***** ***** ***** ***** ***** ***** Units Minimum ***** ***** ***** ***** ***** ***** **** ***** ***** MONITORING PERIOD: |5/1/2017 **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 l/gu l/gu /gu l/gu ľ§ Ex. 0 0 0 0 0 NO DISCHARGE: Frequency of 2X Annually 2X Annually 2X Annually 2X Annually 2X Annually Analysis 0 0 0 0 0 Sample Type Grab Grab Grab Grab Grab

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possibility of fine and imprisonment for knowing violations.

knowledge and belief, true, accurate, and complete. I am aware that the who manage the system, or those persons directly responsible for 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

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MAILING ADDRESS: 2009 Radcliffe Rd CONTACT NAME: Samantha Stoughtenger LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

PERMIT NUMBER: AKG380005

Juneau, AK 99801

MONITORING PERIOD: 5/1/2017

T0: NO DISCHARGE: 5/31/2017

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning	001B Enh	anced Flux Clea	ning						7	NO DISCHARGE:	
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	
Chloride	Sample meas.	* * * * *	* * * * *		* * * *				0	0	
1 - Final Effluent 46225	Permit reqmt	* * * *	* * * *		* * * * *	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab
Total Residual Chlorine	Sample meas.	* * * * *	* * * * *		* * * * *	ND	ND		0	1	
1 - Final Effluent 50060	Permit reqmt.	** ** ** ** **	**		* * * *	0.0075 Report instantaneous	Report daily maximum	mg/l		Monthly	Grab
Sulfate	Sample meas.	* * * *	* * * * *		* * *				0	0	
1 - Final Effluent Permit 81020 reqmt.	Permit reqmt.	** ** ** *	* * * *		** ** ** *	Report instantaneous	Report daily maximum	mg/I		2X Annualiy	Grab

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are significant penalties for submitting false information, including the possibility of fine and imprisorment for knowing violations.	gathering the information, the information submitted is, to the best of my knowledge and belief true, accurate and complete. I am aware that there	the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for	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	
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	インハグノ	1111	1111	
AREA NUMBER	100 0011	18-20 18-20		TELEPHONE	
Alwid	June 1	177		DATE	

CONTACT NAME: Samantha Stoughtenger FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 2009 Radcliffe Rd Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

Salinity

Sample

maximum

meas.

모

PERMIT NUMBER: AKG380005 ITFALL / MONITORING POINT: 001C Chemical Clean in Place	AKG38000 001C Che)5 mical Clean in P	lace		MONITO	MONITORING PERIOD: 5/1/2017	5/1/2017		or Or	5/31/2017 NO DISCHARGE:	
TFALL / MONITORING POINT:	001C Che	mical Clean in P	lace			5			7	NO DISCHARGE:	
eter		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	ition	Units	No.	No. Frequency of Sample Type	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
	Sample meas.	* * * * *	* * * * *						0	0	
1 - Final Effluent Permit	Permit	***	***		6.5	Report	8.5	S.U.		Annually	Grab
00400 reqmt.	reqmt				instantaneous	instantaneous	instantaneous maximum				
							IIIDAIIIIA				

	DATE	ñ	TELEPHONE	. /		all attachments were	I certify under penalty of law that this document and all attachments were	I certify under penalty of	20	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	
					4						
									009/8 reqmt	8/600	
			dailv maximum	instantaneous					Termin		
Grab	Annually	ug/l	10	Report	***		****	****	Dormit	1 - Final Effluent parmit	

Arsenic, Total Recoverable

Magnesium, total recoverable

1 - Final Effluent

00921

reqmt.

Permit

instantaneous

daily maximum

Report

ug/l

Annually

Grab

0

0

Report

Sample

0

0

meas.

Ammonia Nitrogen (as N)

1 - Final Effluent

00480

reqmt. Permit

Sample

instantaneous

daily maximum

Report

ppt

Annually

Grab

0

0

Report

instantaneous

daily maximum

Report

mg/l

Annually

Grab

0

0

Report

meas.

1 - Final Effluent

00610

reqmt. Permit

Sample

meas.

Alwin	AREA NUMBER	THORIZED AGENT	OFFICER OR AL	nowwode and dead, ruc, accurate, and comprise, i am aware that inge- are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TYPED OR PRINTED
70%	586-0877 2017	SINGPAL EXECUTIVE	SIGNATURE OF PR		X. Han (1
DATE	TELEPHONE	111		I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

CONTACT NAME: Samantha Stoughtenger FACILITY: Salmon Creek Water Plant Backwash

MAILING ADDRESS: 2009 Radcliffe Rd Juneau, AK 99801

PERMIT NUMBER: AKG380005

LOCATION: 3 mile Egan Drive Juneau, AK 99801

5/31/2017

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place MONITORING PERIOD: 5/1/2017 TO:

NO DISCHARGE:

	DATE	-	m 	TELEPHONE	1	er e	rdance with a system	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system	certify under penalty of prepared under my direct	تخ	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
						S					
Grab	Annually		ug/l	Report daily maximum	Report instantaneous	* * * *		* * * * *	* * * * *	Permit reqmt	1 - Final Effluent 11123
	0	0				* * * *		* * * *	* * * * *	Sample meas.	Manganese, Total Recoverable
Grab	Annually		ug/l	Report daily maximum	Report instantaneous	***		****	**** **	Permit reqmt	1 - Final Effluent 01119
	0	0				* * * * *		* * * * *	**	Sample meas.	Copper Total Recoverable
Grab	Annually		ug/l	Report daily maximum	Report instantaneous	*		* ** **	****	Permit reqmt	1 - Final Effluent 01114
	0	0				* * * * *		* * * * *	***	Sample meas.	Lead Total Recoverable
Grab	Annually		ug/l	Report daily maximum	Report instantaneous	**		* * * * *	* * * *	Permit reqmt.	1 - Final Effluent 01094
	0	0				* * * * *		* * * *	***	Sample meas.	Zinc Total Recoverable
Grab	Annually		ug/l	Report daily maximum	Report instantaneous	****		****	***	Permit reqmt.	1 - Final Effluent 00980
	0	0				* * * * *		* * * * *	* * * *	Sample meas.	Iron, Total Recoverable
Sample Type	Frequency of Analysis	No. Ex.	Units	ation Maximum	lity or Concentration Average M	Quality Minimum	Units	Quantity or Loading verage Maximum	Quantity of Average		Parameter

YIMID	<u>۲</u>	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
1	3	200 W11	SIGNATURE OF PRINCIPAL EXECUTIVE	gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there-
4/1	8	11070	In I the	the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for
1			1 1 1	designed to assure that qualified personnel properly gather and evaluate
TE	DA	TELEPHONE	1111	I certify under penalty of law that this document and all attachments were

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MAILING ADDRESS: 2009 Radcliffe Rd CONTACT NAME: Samantha Stoughtenger LOCATION: 3 mile Egan Drive FACILITY: Salmon Creek Water Plant Backwash

Juneau, AK 99801

PERMIT NUMBER: AKG380005
LL / MONITORING POINT: 001C Chemical Clean i

MONITORING PERIOD: 5/1/2017

Juneau, AK 99801

TO: 5/31/2017 NO DISCHARGE:

Sulfate **Total Residual Chlorine** Chloride Parameter OUTFALL / MONITORING POINT: 001C Chemical Clean in Place 1 - Final Effluent 1 - Final Effluent 1 - Final Effluent 81020 50060 46225 Permit Permit reqmt reqmt. Permit reqmt. Sample Sample Sample meas. meas. meas. ***** ***** **** Average **** ***** Quantity or Loading Maximum ***** ***** ***** **** ***** Units Minimum ***** ***** ***** ***** ***** **** **Quality or Concentration** instantaneous instantaneous instantaneous Average 0.0075 Report Report Report daily maximum daily maximum daily maximum Maximum Report Report Report Units mg/l mg/l mg/l No. 0 0 0 NO DISCHARGE: Frequency of **Analysis** Annually Annually Annually 0 0 0 Sample Type Grab Grab Grab

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OFFICER OR AUTHORIZED AGENT	BIGNATURE OF PRINCIPAL EXECUTIVE	1111
AREA NUMBER	1780 383	TELEPHONE
TIMID	20176	DATE