CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

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

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2016

TO

11/30/2016 NO DISCHARGE:

Quality or Concentration Frequency of Sample Type Units No. Parameter Quantity or Loading Units **Analysis** Ex. Maximum Minimum Average Maximum **Average** Temperature (C) Sample ***** ***** 7.2 7.2 0 1 meas. ***** DEG.C ***** ***** Report Report Monthly Grab 1 - Final Effluent Permit instantaneous daily maximum 00010 reamt. Turbidity Sample ***** ***** ***** 33.2 0 33.2 meas. ***** ***** ***** NTU Monthly Grab Report Report 1 - Final Effluent Permit daily maximum instantaneous 00070 reqmt. Magnesium, total recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** Grab Report Report ug/l 2X Annually 1 - Final Effluent Permit instantaneous daily maximum 00921 regmt. Arsenic, Total Recoverable Sample ***** ***** ***** 0 1.3 1.3 1 meas. ***** ***** ***** Grab Report ug/l Monthly 1 - Final Effluent Permit instantaneous 00978 daily maximum reqmt. Iron, Total Recoverable Sample ***** ***** ***** 0 0 meas. ***** ***** ug/l 2X Annually Grab Report Report 1 - Final Effluent Permit instantaneous daily maximum 00980 reamt.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
ROGER HEAVY
ENG & PW DILECTUR
TYPED OR PRINTED

NAME OF THE PROPERTY OF THE 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 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHOR ED AGENT

TELEPHONE	DATE	
907 586 OBO	12/14/16	
AREA NUMBER	YIMID	

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2016

TO

11/30/2016

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

	I certify under penalty of law that this document and all attachments were
Roger Healy	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
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	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE 907-586-080 12/14/16 AREA | NUMBER YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

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

0005 MONITORING

MONITORING PERIOD: 11/1/2016

0 11/30/2016

NO DISCHARGE:

Parameter		TANKARIN CINISTING LA	Quantity o	Quantity or Loading		Units Quality or Concentration		Units	No.	Frequency of	Sample Type	
			Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Flow		Sample meas.	0.017	0.038		*****	*****	*****		0	Continuous	
1-	Final Effluent 50050	Permit reqmt.	Report monthly average	Report daily maximum	MGD	*****	*****	*****			Continuous	Recorded
Sulfate		Sample meas.	*****	*****		*****				0	0	
1 -	- Final Effluent 81020	Permit reqmt.	*****	*****		*****	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.

	I certify under penalty of law that this document and all attachments were	6/ 0///	TELEPHONE	DATE
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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	YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2016

11/30/2016 TO:

NO DISCHARGE:

Parameter	TO SECURE LABORATE	Quantity o	r Loading	Units	Units Quality or Concentration				No.	Frequency of	Sample Type
	į	Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
рН	Sample meas.	*****	*****	TO THE PERSON OF	7.40	7.40	7.40		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.	*****	*****		*****				0	0	
1 - Final Effluent 00480	Permit reqmt.	****	*****		*****	Report instantaneous	Report daily maximum	ppt		2X Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	*****	*****		*****	1.1	1.1		0	1	
1 - Final Effluent 00610	1 61 111116	****	*****		*****	Report instantaneous	Report daily maximum	mg/l		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.	*****	*****		*****				0	0	
1 - Final Effluent 00978	I CI IIIIC	*****	*****		*****	Report instantaneous	10 daily maximum	ug/l		2X Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were		1 101	0	TELEPHONE	DATE
	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	Pail	Js. H.	12	907-586-0800	12/14/16
	knowledge and belief, true, accurate, and complete. I am aware that there	SIGNATUR	BOF PRINCIPAL F	XECUTIVE		V ('
	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	OFFICE	ROR AUTHORIZED	AGENT	AREA NUMBER	YIMID

Page 1

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 11/1/2016

11/30/2016

NO DISCHARGE:

Parameter		Quan tity (or Loadi n g	Units	Quality or Concentration			Units	No.	8 ^	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Iron, Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 00980	I CI IIII I	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
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	i cimit	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 01119	I crimic	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 11123	1 Climic	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Roger Healy
Engy PW Director
TYPED OR PRINTED

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE 907-586-0800 AREA | NUMBER YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 11/1/2016

11/30/2016 NO DISCHARGE:

, and the state of											
Parameter	Parameter Quantit		or Loading Units		Quality or Concentration			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 81020	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		2X Annually	Grab

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V TYPED OF PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		OR AUTHORIZED A		AREA NUMBER	YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 11/1/2016

11/30/2016

NO DISCHARGE:

Parameter		Quantity (or Loading Units		Quality or Concentration			Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
рН	Sample meas.	*****	*****	and median into said said the addition of the control	*****				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.	*****	*****	The state of the s	*****				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.	*****	*****		*****	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/l		Annually	Grab

NAME/TITLE PRINCIPAL EXE	CUTIVE OFFICER
Roger Hear	ly
Ener & PW	Director
TYPED OR	PRINTED

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE 907-586 -0800 12/14 AREA | NUMBER YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 11/1/2016

11/30/2016 NO DISCHARGE:

Parameter	After Geographical Patent Color Street	Quantity (orLoading	Units Quality or Concent			ration Ur		No.	Frequency of	of Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Iron, Total Recoverable	Sample meas.	*****	*****		*****				0	О	
1 - Final Effluent 00980	Lermin	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Zinc Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 01094	reimme	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Lead Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 01114	reimit	****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Copper Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 01119	LCIIIII	****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab
Manganese, Total Recoverable	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 11123	1 Climit	*****	*****		*****	Report instantaneous	Report daily maximum	ug/l		Annually	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Roger Healy
that PW Director
TYPED OR PRINTED

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE AREA | NUMBER $Y \mid M \mid D$

CONTACT NAME: Samantha Stoughtenger

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Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 11/1/2016

11/30/2016

NO DISCHARGE:

								CONTRACTOR OF THE PROPERTY OF			
Parameter		Quantity or Loading U		Units	Units Quality or		y or Concentrati on		No.	Frequency of	Sample Type
CANADA MARIA CANADA TANADA TANADA MARIA MA		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		Annually	Grab
Total Residual Chlorine	Sample meas.	*****	*****		*****				0	0	
1 - Final Effluent 50060	Permit reqmt.	*****	*****		*****	0.0075 Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Sulfate	Sample meas.	****	*****		*****				0	0	
1 - Final Effluent 81020	Permit reqmt.	*****	*****		*****	Report instantaneous	Report daily maximum	mg/l		Annually	Grab

COMMENTS:		

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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	YIMID