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: 8/1/2016

TO 8/31/2016

OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub NO DISCHARGE: Parameter Quantity or Loading Units Units No. Frequency of Sample Type Quality or Concentration

rarameter		Quantity (or Loading	Units	Quanty or concentration		Units	NO.	rrequency of	Sample Type	
		Average	Maximum		Minimum	m Average Maximum			Ex.	Analysis	
Temperature (C)	Sample meas.	*****	*****		12.9	12.9	12.9		0	1	
1 - Final Effluent 00010	I CI IIIIC	****	*****		*****	Instantaneous	Instantaneous maximum	DEG.C		Monthly	Grab
Turbidity	Sample meas.	*****	*****		29.2	29.2	29.2		0	1	
1 - Final Effluent 00070	I CI IIIIC	*****	*****		*****	Instantaneous	Instantaneous maximum	NTU		Monthly	Grab
Magnesium, total recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00921	1 Climic	*****	*****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab
Arsenic, Total Recoverable	Sample meas.	*****	*****		1.7	1.7	1.7		0	1	
1 - Final Effluent 00978	1 Climic	*****	*****		*****	Instantaneous	Instantaneous maximum	ug/l		Monthly	Grab
Iron, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00980	I CI IIIIC	****	*****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab

	I certify under penalty of law that this document and all attachments were		$\overline{}$		TELEPHONE
	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	\mathcal{L}	1	~	
VIVILLES SUPERINIENDENT	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 ware that there	SIGNATURE	OF PR	INCIPAL EXECUTIVE	9075860393
TYPED OR PRINTED	are significant penalties for submitting late information, including the possibility of fine and imprisonment for knowing violations.	OFFICER	ORAU	THORIZED AGENT	AREA NUMBER

TELEPHONE	DATE	
9075860393	16/08/31	
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: 8/1/2016

TO

8/31/2016 NO DISCHARGE:

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

Sample Type Parameter Units **Quality or Concentration** Units Frequency of **Quantity or Loading** No. Ex. **Analysis Average** Maximum Minimum Average Maximum Zinc Total Recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** Report Report ug/I 2X Annually Grab 1 - Final Effluent Permit monthly average daily maximum 01094 regmt. Lead Total Recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** ug/l 2X Annually Grab Report Report 1 - Final Effluent Permit monthly average daily maximum 01114 regmt. Copper Total Recoverable Sample ***** ***** ***** 0 meas. ***** ***** **** Report ug/l 2X Annually Grab Report 1 - Final Effluent Permit monthly average daily maximum 01119 reqmt. Manganese, Total Recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** 2X Annually Report Report ug/I Grab 1 - Final Effluent Permit monthly average daily maximum 11123 regmt. Chloride Sample ***** ***** ***** 0 meas. ***** ***** ***** mg/l 2X Annually Grab 1 - Final Effluent Report Report Permit monthly average daily maximum 46225 reqmt.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
SAMANTHA STOUGHTENGER
VTIUTIES SUPERINTENDENT
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 (alse information, including the possibility of fine and imprisonment for knowing violations.

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SIGNATURE OF RINCIPAL EXECUTIVE	907
OFFICER OR AUTHORIZED AGENT	ARE

TELEPHONE	DATE
9075860393	16/04/31
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: 8/1/2016

TO

8/31/2016

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

			VCI3C HOW/All 30								NO DISCHARGE.	
Parameter			Quantity o	r Loading	Units	Quality or Concentration		Units	No.	Frequency of	Sample Type	
			Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Flow		Sample meas.	0.025	0.041		*****	*****	*****		0	Continuous	
	1 - Final Effluent 50050	Permit reqmt.		Report daily maximum	MGD	*****	*****	*****			Continuous	Recorded
Sulfate		Sample meas.	*****	*****		*****					0	
	1 - Final Effluent 81020	Permit reqmt.	*****	*****		****	Report monthly average	Report daily maximum	mg/l		2X Annually	Grab

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	1
SAMANTHA STOLLGHTENGER	
UTILITIES SUPERINTENDENT	-
TYPED OR PRINTED	

COMMENTS:

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 ANTHORIZED AGENT

TELEPHONE DATE 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: 001B Enhanced Flux Cleaning

MONITORING PERIOD: 8/1/2016

TO

8/31/2016 NO DISCHARGE:

Quantity or Loading Frequency of Sample Type Parameter Units **Quality or Concentration** Units No. **Analysis** Ex. Maximum Minimum Average Maximum Average Ηα Sample ***** ***** 6.56 6.56 6.56 0 1 meas. ***** ***** 6.5 8.5 S.U. Monthly Grab 1 - Final Effluent Permit instantaneous instantaneous Instantaneous 00400 regmt. minimum maximum Salinity Sample ***** ***** ***** 0 meas. ***** ***** ***** **PPTH** 2X Annually Grab Report Report 1 - Final Effluent **Permit** monthly average daily maximum 00480 reqmt. Ammonia Nitrogen (as N) Sample ***** ***** 0.45 0.45 0.45 0 1 meas. ***** ***** ***** mg/l Monthly Grab 1 - Final Effluent **Permit** Instantaneous Instantaneous 00610 reqmt. maximum Magnesium, total recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** 2X Annually Grab 1 - Final Effluent Report Report ug/l Permit monthly average daily maximum 00921 regmt Arsenic, Total Recoverable Sample ***** ***** ***** 0 meas. ***** ***** ***** 10 2X Annually Report ug/l Grab 1 - Final Effluent **Permit** monthly average daily maximum 00978 reqmt.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
SAMANTHA STOUGHTENGTR
UTILITIES SUPERINTENDENT
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.

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SIGNATURE OF PRINCIPAL EXECUTIVE	1
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OFFICER OR AUTHORIZED AGENT	

TELEPHONE	DATE
9075860393	14/08/31
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: 8/1/2016

TO

8/31/2016

NO DISCHARGE:

Parameter		Quantity of	or Loading	Units	Qua	lity or Concentra	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Iron, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00980	1 0111111	*****	*****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab
Zinc Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01094	I CA IIIAC	*****	*****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab
Lead Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01114	1 Clinic	****	****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01119	1 61 111116	*****	*****		*****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 11123	I CI IIIIC	*****	*****		****	Report monthly average	Report daily maximum	ug/l		2X Annually	Grab

	I certify under penalty of law that this document and all attachments were		TELEPHONE	DATE	
SAMANTHA STOUGHTENGER	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	4	/		
UTILITIES SUPERINTENDENT	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, frue, accurate, and complete. I am aware that there	SIGNATURE OF PRINCIPAL EXECUTIVE	9075860373	16/08/31	
TYPED OF PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHOBIZED 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:

8/1/2016

8/31/2016

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

COMMENTS: The Ammonia sample was taken on June 28th and set to a lab in Indiana, the sample was prematurely disposed of, therefore no lab result was obtained. See attached letter of noncompliance.

> 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.

> > 17

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	- 1
SAMANTHA STUUGHTENGRE	
UTILITIES SUPERINTENDEN	5
TYPED OR PRINTED	

NAME OF THE PERSON OF THE PERS

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.

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SIGNATURE OF PRINCIPAL EXECUTIVE	907 560323	16/08/31
OFFICER OR AUTHORIZED AGENT	AREA NUMBER	YIMID

TEL EDHONE

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: 8/1/2016

TO

8/31/2016 NO DISCHARGE:

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

Parameter		Quantity or Loading		Units	Qua	lity or Concentration		Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
рН	Sample meas.	*****	*****							0	
1 - Final Effluent 00400	1 CI IIIIC	*****	*****		6.5 instantaneous minimum	Report monthly average	8.5 instantaneous maximum	S.U.		Annually	Grab
Salinity	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00480	1 CI IIIIC	*****	*****		*****	Report monthly average	Report daily maximum	PPTH		Annually	Grab
Ammonia Nitrogen (as N)	Sample meas.	*****	*****		*****					0	1
1 - Final Effluent 00610	Permit reqmt.	*****	*****		•••••	Report monthly average	Report daily maximum	mg/l		Annually	Grab
Magnesium, total recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00921	1 CI IIIIC	*****	****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab
Arsenic, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00978	I CI IIIIC	*****	*****		*****	Report monthly average	10 daily maximum	ug/l		Annually	Grab

SAMANTAA STUICHTENGGO	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	C/m		
UILLIES SUPERINTENDENT	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	SIGNATURE OF PRINCIPAL EXECUTIVE	9075860393	16/08/31
TYPED OR PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OF AUTHORIZED AGENT	AREA NUMBER	YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Rd

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

Juneau, AK 99801

FACILITY: Salmon Creek Water Plant Backwash

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

PERMIT NUMBER: AKG380005

MONITORING PERIOD: 8/1/2016

TO

8/31/2016

NO DISCHARGE:

Parameter		Quantity (or Loading	Units	Qua	lity or Concentra	ation	Units No. Frequency of		Sample Type	
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Iron, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 00980	1 Clinte	****	*****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab
Zinc Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01094	r ci iiii	****	*****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab
Lead Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01114	I CI IIIIC	****	****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab
Copper Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 01119	I CI IIIIC	*****	*****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab
Manganese, Total Recoverable	Sample meas.	*****	*****		*****					0	
1 - Final Effluent 11123	1 CI IIII I	****	*****		*****	Report monthly average	Report daily maximum	ug/l		Annually	Grab

NAME/TITLE PRINCIPAL	EXECUTIVE OFFICER
SAMANTHA	STOUGHTENCER
UTILITIES	SUPERINTENDENT
TYPE	D OR PRINTED

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SIGNATURE OF DEINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE 9075860393 AREA | NUMBER YIMID

CONTACT NAME: Samantha Stoughtenger

Sample

meas.

Permit

regmt.

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

1 - Final Effluent

81020

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place

MONITORING PERIOD: 8/1/2016

Report

daily maximum

mg/l

TO

8/31/2016 NO DISCHARGE:

0

Annually

Grab

Parameter Quantity or Loading Units **Quality or Concentration** Units No. Frequency of Sample Type Maximum Minimum Ex. **Analysis Average** Average Maximum Chloride Sample ***** ***** ***** 0 meas. ***** ***** ***** 1 - Final Effluent Report Report mg/l Annually Grab Permit monthly average daily maximum 46225 reqmt. Total Residual Chlorine Sample ***** ***** ***** 0 meas. 1 - Final Effluent Permit ***** 0.0075 Report mg/I Annually Grab monthly average daily maximum 50060 regmt.

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
SAMANTHA STOLLGHTENGOR
VILLITIES SUPERINTENDENT
TYPED OR PRINTED

Sulfate

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Report

monthly average

TELEPHONE	DATE
907 5860393	16/08/31
AREA NUMBER	YIMID