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: 001A Reverse Flow/Air Scrub PERMIT NUMBER: AKG380005 MONITORING PERIOD: 4/1/2018 TONO DISCHARGE: 4/30/2018

Grab	2X Annually		ug/l	Report daily maximum	Report instantaneous	****		*****	**	Permit reqmt.	1 - Final Effluent 00980
	0	0				* * * *		* * * * *	* * * *	Sample meas.	Iron, Total Recoverable
Grab	Monthly		ug/l	10 daily maximum	Report instantaneous	*****		*	*****	Permit reqmt	1 - Final Effluent 00978
	1	0		ND	ND	****		* * * * *	* * * * *	Sample meas.	Arsenic, Total Recoverable
Grab	2X Annually		ug/l	Report daily maximum	Report instantaneous	**		**	* * * * *	Permit reqmt	1 - Final Effluent 00921
	0	0				* * * *		* * * *	* * *	Sample meas.	Magnesium, total recoverable
Grab	Monthly		NTU	Report daily maximum	Report instantaneous	****		**	* * * * *	Permit reqmt.	1 - Final Effluent 00070
	1	0		5.9	5.9	* * * * * *		* * *	***	Sample meas.	Turbidity
Grab	Monthly		DEG.C	Report daily maximum	Report instantaneous	** ** ** **		**	* * * *	Permit reqmt.	1 - Final Effluent 00010
	1	0		2.5	2.5	** **		* * * *		Sample meas.	Temperature (C)
	Analysis	Ex.		Maximum		Minimum		Maximum	Average		
Sample Type	Frequency of	No.	Units	ation	lity or Concentration	Quality	Units	Quantity or Loading	Quantity		Parameter

the information submitted. Based on my inquiry of the person of persons.	OFFICER OR AUTHORIZED AGENT AREA NUMBER	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 innorisonment for knowing violations.	TYPED OR PRINTED
designed to assure that qualified personnel properly gather and evaluate designed to assure that qualified personnel properly gather and evaluate		the information submitted. Based on my inquiry of the person or persons	_
		designed to assure that qualified personnel properly gather and evaluate	

	TELEPHONE	DATE
mon		
GNATURE OF PRINCIPAL EXECUTIVE	1747-00-10h	2018/5/7
OFFICER OR AUTHORIZED AGENT	AREA NUMBER	YIMID

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: 4/1/2018

0T 4/30/2018

Zinc Total Recoverable Manganese, Total Recoverable Copper Total Recoverable Parameter Chloride Lead Total Recoverable OUTFALL / MONITORING POINT: 001A Reverse Flow/Air Scrub 1 - Final Effluent 01119 01094 01114 46225 11123 Permit Permit Permit reqmt. Permit Permit Sample Sample Sample reqmt. reqmt. Sample Sample reqmt. meas. reqmt. 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 ug/I l/gu l/gu mg/l /gu No. 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

TYPED OR PRINTED	Ryan W. Herman-Huywood	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	AR .	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE 907-5 00 434L	
AREA NUMBER	907-500-4346	TELEPHONE
	N	

	TELEPHONE	DATE
OF PRINCIPAL EXECUTIVE 907-5 00 4344	907-500-4344	2018/5/7
OR AUTHORIZED AGENT	AREA NUMBER	YIMID

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: 001A Reverse Flow/Air Scrub

MONITORING PERIOD: 4/1/2018 TO NO DISCHARGE: 4/30/2018

Juneau, AK 99801

OUTFALL / MONITONING FOINT: OUTA NEVELSE FIOW/All SCIUD	OOTA VEA	erse Flow/Air sc	Jup							NO DISCHARGE.	
Parameter		Quantity or Loading	Loading	Units	Quali	Quality or Concentration	tion	Units	No.	No. Frequency of Sample Type	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Flow	Sample meas.	0.020	0.025		* * * * *	* * * * *	* * * * *		0	Continuous	
1 - Final Effluent Permit 50050 reqmt.	Permit reqmt.	Report monthly average	Report daily maximum	MGD	* ** * * *	*	**			Continuous	Recorded
Sulfate	Sample meas.	* * * *	* * * * *		* * * * *				0	0	
1 - Final Effluent Permit 81020 reqmt.	ffluent Permit 81020 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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were		TELEPHONE	DATE
	prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or persons	and I want		
	who manage the system, or those persons directly responsible for	Will on		11.27.11
Lean in Arman Advard	gathering the information, the information submitted is, to the best of my pathering the information, the information submitted is, to the best of my	SIGNATURE OF PRINCIPAL EXECUTIVE 40/ 500-01/4101 2018/5/7	12/1/10-026-12/10	7018/5/7
TYPED OR PRINTED	are significant penalties for submitting false information, including the	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D
	possibility of fine and imprisonment for knowing violations			

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

MONITORING PERIOD: 4/1/2018 T0:

PERMIT NUMBER: AKG380005	AKG38000)5			MONIT	MONITORING PERIOD: 4/1/2018	4/1/2018		To:	4/30/2018	
OUTFALL / MONITORING POINT: OUTB Enhanced Hux Cleaning	0018 Enn	anced Flux Clea	ning	745-118	Ouglity			Ilmito		NO DISCHARGE:	Cample Time
		Average Maximu	Maximum		Minimum	Average M	Maximum		Ex.	Analysis	, ,
рН	Sample meas.	* * * * *	* * * *		6.76	6.76	6.76		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.	* * * *	****		***	1.3	1.3		0	ь	
1 - Final Effluent 00610	Permit reqmt.	****	***		*****	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	Permit reqmt.	* * * * * * * *	# # # # #		* * * * *	Report instantaneous	10 daily maximum	ug/I		2X Annually	Grab

	AREA NUMBER	OFFICER OR AUTHORIZED AGENT	are significant penalties for submitting labe information, including the possibility of fine and imprisonment for knowing violations	TYPED OR PRINTED
	907-560-4344	SIGNATURE OF PRINCIPAL EXECUTIVE 907-560-4340	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 inquity of the person of 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 belief the accurate and complete I am aware that there knowledge and belief the accurate and complete I am aware that there	Ryan W. Hormon , Haywood
1	TELEPHONE		I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

	TELEPHONE	DATE
	>	, , ,,
IPAL EXECUTIVE	107-500-4344	1.14/2102
ORIZED AGENT	AREA NUMBER	YIMID

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

Juneau, AK 99801

LOCATION: 3 mile Egan Drive Juneau, AK 99801

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning PERMIT NUMBER: AKG380005 MONITORING PERIOD: 4/1/2018 T0: NO DISCHARGE: 4/30/2018

Parameter		Quantity or Loading	or Loading	Units	Ouality	ity or Concentration	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum		Maximum		Ex.	Analysis	
iron, Total Recoverable	Sample meas.	* * * * *	* * * * * * * * * * * * * * * * * * *		* * * * *				0	0	
1 - Final Effluent 00980	Permit reqmt.	* * * *	* * * * *		** ** **	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	Permit reqmt.	*** ** **	**		* * * * * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Copper Total Recoverable	Sample meas.	****	** ** **		****				0	0	
1 - Final Effluent 01119	Permit reqmt.	***	* * *		* * *	Report instantaneous	Report daily maximum	ug/l		2X Annually	Grab
Manganese, Total Recoverable	Sample meas.	* * * * *	* * * *		***				0	0	
1 - Final Effluent 11123	Permit reqmt.	** ** ** **	** ** ** **		**	Report instantaneous	Report daily maximum	ug/I		2X Annually	Grab

TYPED OR PRINTED are pos	Ryan W. Hirman - Huy wood with	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
are significant penalties for submitting false 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 pathering the information, the information submitted is, to the best of my provided the particular and complete. I am aware that there is no persons of the provided the provided and the provided the	I certify under penalty of law that this document and all attachments were brepared under my direction or supervision in accordance with a system
OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE 407-5	
AREA NUMBER	907-500-4344	TELEPHONE
_	2019	T

	TELEPHONE	DATE
All Indiana	0	
NATURE OF PRINCIPAL EXECUTIVE	401-200-4244	1/6/2107
DFFICER OR AUTHORIZED AGENT	AREA NUMBER	YIMID

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 F F Cleaning MONITORING PERIOD: 4/1/2018 T0: 4/30/2018

OUTFALL / MONITORING POINT: 001B Enhanced Flux Cleaning	001B Enh	anced Flux Clea	ning						,	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	* * * * * * * * * * * * * * * * * * *	****		* * * * *				0	0	
1 - Final Effluent Permit 46225 reqmt.	Permit 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.	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/l		2X Annually	Grab

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		Company of the compan	WARRING COLORS
= 	OFFICER OR AUTHORIZED AGEN	ore significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	TYPED OR PRINTED
T	Processing to the second secon	knowledge and belief, true, accurate, and complete. I am aware that there	
1VE 90	MIGNATURE OF PRINCIPAL EXECUTIVE	gathering the information, the information submitted is, to the best of my	Lucial House
	Well I	who manage the system, or those persons directly responsible for	
	1	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	
וַתרַת		I certify under penalty of law that this document and all attachments were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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5	STGNATURE OF PRINCIPAL EXECUTIVE	40/-500-4144	15/2/07
1	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	Y M D
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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: 4/1/2018 T0: NO DISCHARGE: 4/30/2018

Parameter		Quantity of	Quantity or 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 00400	Permit reqmt.	*****	* * * *		6.5 instantaneous minimum	Report instantaneous	8.5 instantaneous maximum	S.U.		Annually	Grab
Salinity	Sample meas.	* * * * *	* * * * *		* * * *				0		
1 - Final Effluent 00480	Permit reqmt.	****	* * * * *		* * * *	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/l		Annually	Grab
Arsenic, Total Recoverable	Sample meas.	* * * *	* * *		* * * * *				0		
1 - Final Effluent 00978	Permit reqmt.	****	**		**	Report instantaneous	10 daily maximum	ug/l		Annually	Grab

/ TYPED OR PRINTED	Ryan W. Herman	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
RINTED	~ Hywed	TIVE OFFICER

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

	AREA NUMBER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
#) / Gir		
	TELEPHONE	

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

LOCATION: 3 mile Egan Drive

Juneau, AK 99801

MONITORING PERIOD: 4/1/2018

Juneau, AK 99801 T0: 4/30/2018

Manganese, Total Recoverable Copper Total Recoverable Lead Total Recoverable Zinc Total Recoverable Parameter Iron, Total Recoverable OUTFALL / MONITORING POINT: 001C Chemical Clean in Place 1 - Final Effluent Final Effluent 1 - Final Effluent 1 - Final Effluent PERMIT NUMBER: AKG380005 1 - Final Effluent 11123 00980 01119 01114 01094 Permit Permit Permit Permit Sample reqmt. Sample reqmt. reqmt Sample Sample reqmt. reqmt Permit Sample 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 /gu /gu /gu /gu l/gu Ex. 0 0 0 0 0 NO DISCHARGE: Frequency of Analysis Annually Annually Annually Annually Annually Sample Type Grab Grab Grab Grab Grab

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are significant penalties for submitting false information, including the knowledge and belief, true, accurate, and complete I am aware that the who manage the system, or those persons directly responsible for 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

OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	\ \
AREA NUMBER	407.500-4744	TELEPHONE
YIMID	2018/5/7	DATE

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

Juneau, AK 99801

Juneau, AK 99801

OUTFALL / MONITORING POINT: 001C Chemical Clean in Place PERMIT NUMBER: AKG380005 MONITORING PERIOD: 4/1/2018 :O NO DISCHARGE: 4/30/2018

										NO DISCIMINATE L	
Parameter		Quantity or Loading	r Loading	Units	Qual	Quality or Concentration	ition	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.	Permit reqmt.	****	* * * *		**	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Total Residual Chlorine	Sample meas.	* * * * *	* * * * *		* * * * *				0		
1 - Final Effluent Permit 50060 reqmt.	Permit reqmt.	*****	** ** ** **		** ** ** **	0.0075 Report instantaneous	Report daily maximum	mg/l		Annually	Grab
Sulfate	Sample meas.	* * * *	* * * * *		***				0		
1 - Final Effluent Permit 81020 reqmt.	Permit reqmt.	**	****		李老老秦秦秦秦	Report instantaneous	Report daily maximum	mg/l		Annually	Grab
								l			

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 showledge and belief, true, accurate, and complete I am aware that the 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

TELEPHONE DATE

| SIGNATURE OF PRINCIPAL EXECUTIVE | 1,7-500-4744 | 24,8/5/7OFFICER OR AUTHORIZED AGENT | AREA | NUMBER | Y | M | D