MENDENHALL WASTEWATER TREATMENT FACILITY

Juneau, Alaska

March 2015

									·	uneau, A	Naska		IV.	larch 201	5										
		FLOWS								INFLUENT	Γ					The State of	Effluent								
Marie		SBR		SBR	SBR	20000		DO	TSS	TSS	BOD	BOD	IPS	IPS	IPS	IPS			DO	TSS	TSS	BOD	BOD	FECAL	100000
DAY	DATE	INFLUENT	precip	TOTEFF	WASTE	TEMP	pH				1000000		TSS	TSS	BOD	BOD	TEMP	pΗ						COLIFORM	
11.1		MGD		MGD	MGD:	· · · °C	1:1:1:1:1:1:1:	mg/L	mg/L	LBS	mg/L	LBS	mg/L	LBS	mg/L	LBS	··· °C	Accorda.	mg/L	mg/L	LBS	mg/L	LBS	/100 ml	40000
Sun	1	1.83	0.01	1.62	0.0935								(*************************************								g		Q		
Mon	2	2.03	0.00	1.71	0.0890	10.90	7.56	3.75	146.00	2471.81	220.00	3724.64	937.00	15863.60	460.00	7787.89	11.60	6.84	3.75	55.00	784.38	46.00	656.02	150.00	
Tues	3	1.98	0.01	1.63	0.1010	10.80	7.53	4.75	193.00	3187.05	350.00	5779.62	703.00	11608.78	480.00	7926.34	11.90	6.84	1.79	34.00	462.20	38.00	516.58	3.00	
Wed	4	1.94	0.06	1.65	0.0890	11.00	7.43	3.72	198.00	3203.56	400.00	6471.84	536.00	8672.27	530.00	8575.19	11.00	6.92	2.79	38.00	522.92	38.00	522.92		
Thu	5	2.16	0.70	1.81	0.1203	11.00	7.96	4.18	220.00	3963.17	430.00	7746.19	636.00	11457.16	590.00	10628,50	12.90	6.78	2.94	47.00	709.48	55.00	830.25		
Fri	6	2.13	0.03	1.70	0.1070	12.00	7.36	3.55	240.00	4263.41	410.00	7283.32	488.00	8668.93	510.00	9059.74	13.10	6.73	2.26	41.00	581.30	45.00	638.01		
Sat	7	2.05	0.21	1.72	0.1299																				
Sun	8	2.41	0.31	2.04	0.0852																				
Mon	9	2.35	0.04	1.96	0.0957	11.80	9.19	4.43	153.00	2998.65	180.00	3527.82	366.00	7173.23	340.00	6663.66	12.70	6.81	3.16	50.00	817.32	59.00	964.44	2.00	
Tue	10	2.18	0.05	1.86	0.0963	11.10	8.59	4.02	224.00	4072.59	330.00	5999.80	437.00	7945.18	540.00	9817,85	13.10	6.96	6.62	32.00	496.40	44.00	682.55	48.00	
Wed	11	2.01	0.50	1.82	0.0959				193.00	3235.34	330.00	5531.92	1300.00	21792.42	490.00	8214.07				31.00	470.54	35.00	531.26		
Thu	12	2.26	0.59	1.99	0.1442	11.80	7.19	3.81	256.00	4825.19	380.00	7162.39	220.00	4146.65	550.00	10366.62	12.20	6.91	0.94	34.00	564.28	39.00	647.27	A company	
Fri	13	2.53	0.40	2.23	0.1000	11.10	7.35	4.06	186.00	3924.64	350.00	7385.07	512.00	10803.30	480.00	10128.10	11.90	6.74	2.72	43.00	799.72	48.00	892.71		
Sat	14	2.24	0.09	2.03	0.1039	10.80	7.33	5.81									12.30	6.88	3.02						
Sun	15	2.04	0.01	1.80	0.0857																				
Mon	16	2.11	0.00	1.84	0.0773	10.90	7.52	3.89	150.00	2639.61	200.00	3519.48	348.00	6123.90	300.00	5279.22	11.30	6.94	1.19	37.00	567.79	36.00	552.44	1500.00	
Tue	17	2.02	0.01	1.84	0.0798	11.10	7.41	3,93	175.00	2948.19	350.00	5896.38	363.00	6115.39	370.00	6233.32	11.30	7.00	1.63	27.00	414.33	41.00	629.17	820.00	
Wed	18	2.00	0.03	1.73	0.1131	11.90	7.29	5.21	260.00	4336.80	390.00	6505.20	812.00	13544.16	600.00	10008.00	11.10	6.78	3.40	34.00	490.56	44.00	634.84		
Thu	19	2.06	0.06	1.69	0.0979	11.40	7.29	4.33	325.00	5583.63	410.00	7043.96	760.00	13057.10	520.00	8933.81	12.70	6.87	2.97	28.00	394.65	41.00	577.88	130.00	
Fri	20	1.95	0.10	1.78	0.1032	11.40	7.24	3.84	210.00	3415.23	430.00	6993.09	887.00	14425.28	570.00	9269.91	12.40	6.79	2.39	24.00	356.28	38.00	564.12	7.00	
Sat	21	2.07	0.42	1.83	0.0646																Maria de la companya del companya de la companya de la companya del companya de la companya de l				
Sun	22	1.90	0.02	1.69	0.0889							d to the second	3									100-11-50-			
Mon	23	2.00	0.00	1.76	0.1054	11.50	7.52	3.48	160.00	2668.80	210.00	3502.80	703.00	11726.04	460.00	7672.80	12.30	6.90	2.83	32.00	469.71	29.00	425.67	7.00	
Tue	24	1.97	0.00	1.73	0.1072	11.60	7.49	3.51	347.00	5701.14	360.00	5914.73	1020.00	16758,40	420.00	6900.52	12.50	6.83	1.79	19.00	274.14	24.00	346.28	200.00	
Wed	25	1.97	0.01	1.66	0.1381	11.10	7.30	3.41	217.00	3565.27	350.00	5750.43	804.00	13209.56	500.00	8214.90	12,30	6.78	1.65	16.00	221.51	22.00	304.58		
Thu	26	1.88	0.27	1.60	0.1044	11.00	7.45	4.71	208.00	3261.27	380.00	5958.10	596.00	9344.80	420.00	6585.26	12.60	6.79	2.73	19.00	253.54	25.00	333.60		
Fri	27	1.95	0.27	1.78	0.1044	12.40	7.17	3.59	216.00	3512.81	410.00	6667.83	364.00	5919.73	540.00	8782.02	12.40	6.85	2.28	23.00	341.44	26.00	385.98		
Sat	28	1.95	0.04	1.83	0.0942						-														
Sun	29	1,86	0.10	1.65	0.0869												10.10	0.05	4.00		2			0.00	
Mon	30	1.94	0.02	1.74	0.0807	12.30	7.42	2.89	A CONTRACT		(3					12.40	6.65	1.92				100000000000000000000000000000000000000	2.00	
Tue	31	1.99	0.20	1.78	0.0996	12.30	7.55	2.75		100000000000000000000000000000000000000			and the same				12.60	6.76	2.22					5.00	
TOTAL		63.76	4.56	55.50	3.08	tinitaliti.							10000000	1444141414141414141	2000000		Transfer to the	Company of	251000000	1000000000	121.11.11.11.11.11				
MIXAN		2.53	0.70	2.23	0.14	12.40		5.81	347.00	5701.14	430.00	7746.19	1300.00	21792.42	600.00	10628.50	13.10	7.00	6.62	55.00	817.32	59.00	964.44	1500.00	
MINIMU		1.83	0.00	1.60	0.06	10.80	7.17	2.75	146.00	2471.81	180.00	3502.80	220.00	4146.65	300.00	5279.22	11.00	6.65	0.94	16.00	221.51	22.00	304.58	2.00	
AVERA	GE *	2.06	0.15	1.79	0.10	11.42	7.55	3.98	213.85	3688.91	343.50	5918.23	639.60	10917.79	483.50	8352.38	12.21	6.83	2.59	33.20	499.62	38.65	581.83	30.61	
er of An	alyses	31	31	31	31	22	22	22	20	17	20	20	20	20	20	20	22	22	22	20	20	20	20	12	0
							2014				2015			WEEK	the second second	(LY AVERAGE	1968	IPS-W	EEKLY AV	ERAGE	a state of	estimate.		% REMOVA	
	Comment	ts:					Hrd. mg/l	83.00	2/19/2015		ug/L	LBS			BOD		TSS		BOD		TSS		COLIFORM	B.O.D.	88.75
	No con	nposite influe	ent samp	les on 03/30	0/15 and		Hrd. mg/l			Copper	0.02	0.0003	2/19/2015		mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	lbs	Geo: Mean	TSS	84.48
	03/31/15	due to a plu	gged influ	ent sample	r both days		Alk. mg/l	140.00	2/19/2015	Copper				1	44.40	632.76	43.00	612.06	362.00	6201.12	199.40	3417.80	21.21	Floatin	Solids
							D.O.mg/l		100000000000000000000000000000000000000	Lead		NA		2	45.00	743.64	38.00	629.65	314.00	5921.40	4195.95	3811.28	9.80	Waste, or Fo	am
							Tox. Tue		1	Silver		NA	1	3	40.00	591.69	30.00	444.72	356.00	5991.62	224.00	3784.69	182.91	Pass/Fail	Р
									1	Zinc		NA		4	25.20	359.22	21.80	312.07	342.00	5918.23	229.60	3741.86	37.42		
									-				-	5											
										···NH3 mail	17.00	239.78	2/19/2015	MAX	45.00	743.64	43.00	629.65	362.00	6201.12	4195.95	3811.28	182.91		
										. at to argic	17.00	200.70	1	140.07	10.00	1.10.01	10.00	20,00	202100	3201112	,,,,,,,,,				

CONTACT NAME: Samantha Stoughtenger

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

MAILING ADDRESS: 2009 Radcliffe Rd.

Juneau, AK 99801

FACILITY: MENDENHALL WW TREATMENT FACILITY

LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Mar-15

15

31-Mar-15

NO DISCHARGE:

Parameter		Quantity o	Quantity or Loading		Units Quality or Concentration			Units	No.		Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
pН	Sample meas.	*****	*****		6.65	*****	7.00		0		
1 - Final Effluent 00400	Leimir	*****	*****		6.5 instantaneous minimum	*****	8.5 instantaneous maximum	S.U.		5X Weekly	Grab
Alkalinity, Total (as CaCO3)	Sample meas.	*****	*****		*****	140.00	140.00		0		
1 - Final Effluent 00410	I CITHIL	****	****		*****	Report monthly average	Report daily maximum	mg/l		Quarterly	24-Hr Composite
Total Suspended Solids	Sample meas.	499.62	817.32		*****	33.20	55.00		1		
1 - Final Effluent 00530	I CIMIL	1226 monthly average	2452 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	mg/l		2X Monthly	24-Hr Composite
Total Suspended Solids	Sample meas.	*****	*****		*****	213.85	*****		0		
G - Influent 00530	remmt	*****	****		*****	Report monthly average	****	mg/l		2X Monthly	24-Hr Composite
Total Suspended Solids	Sample meas.	629.65	*****		*****	43.00	*****		0		
W - See Comments 00530	I CIMIL	1839 weekly average	*****	lbs/day	*****	45 weekly average	*****	mg/l		2X Monthly	24-Hr Composite

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GRIEKO TEMPEL	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, Irue, accurate, and complete. I am aware that there	SIGNATURE OF PRINCIPAL EXECUTIVE	907.506.0393	15/04/09
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

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31-Mar-15

TO

NO DISCHARGE:

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER Units Quality or Concentration Units No. Frequency of Sample Type Parameter Quantity or Loading Ex. **Analysis** Minimum Maximum Average Maximum Average lbs/day Ammonia Nitrogen (as N) Sample ***** 239.78 17.00 17.00 0 239.78 meas. ***** 24-Hr Composite Report Report Report Report mg/l Monthly 1 - Final Effluent Permit monthly average daily maximum monthly average daily maximum 00610 regmt. Hardness, Total (as CaCO3) Sample ***** ***** ***** 0 83.00 83.00 meas. ***** ***** ***** Monthly Report Report mg/l 24-Hr Composite 1 - Final Effluent Permit daily maximum monthly average 00900 reamt. Silver Total Recoverable Sample ***** ***** **** NA NA 0 meas. ***** ***** ***** ug/l See Permit 24-Hr Composite 1 - Final Effluent Report Report Permit monthly average daily maximum Requirements 01079 reqmt. Zinc Total Recoverable Sample ***** ***** ***** NA NA 0 meas. ***** ***** ***** 24-Hr Composite Report ug/l See Permit Report 1 - Final Effluent Permit daily maximum Requirements monthly average 01094 reqmt. Lead Total Recoverable Sample ***** ***** ***** NA NA 0 meas. ***** ***** ***** Report Report ug/I See Permit 24-Hr Composite 1 - Final Effluent **Permit** Requirements monthly average daily maximum 01114 regmt.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were		TELEPHONE	DATE	
GRIEKO TEMPEL	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	SIGNATURE OF PRINCIPAL EXECUTIVE	go).586.0393	15/04/0	1
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Page 3

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LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Mar-15

31-Mar-15

TO

NO DISCHARGE:

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

Parameter		Quantity o	or Loading	Units	Qua	lity or Concentra	ition	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Copper Total Recoverable	Sample meas.	0.0003	0.0003		*****	0.02	0.02		0		
1 - Final Effluent 01119	Leimir	1.82 monthly average	3.92 daily maximum	lbs/day	*****	44.5 monthly average	95.8 daily maximum	ug/l		Monthly	24-Hr Composite
Chronic Toxicity	Sample meas.	*****	*****		*****	NA	NA		0		
1 - Final Effluent TTOOO	Lermie	*****	*****		*****	Report monthly average	Report daily maximum	TUC		See Permit Requirements	24-Hr Composite
Floating solids, waste or visible foam-visual	Sample meas.	*****	*****		*****	*****	Р		0		
1 - Final Effluent 45613	I CI IIII	*****	*****		*****	*****	Report value	pass/fail		Monthly	Visual
Flow	Sample meas.	1.79	2.23		*****	*****	*****		0		
1 - Final Effluent 50050	1 Crimit	Report monthly average	4.9 daily maximum	MGD	****	*****	*****			Continuous	Recorded
Fecal Coliform	Sample meas.	*****	*****		*****	30.61	1500.00		2		
1 - Final Effluent 74055	Licinuit	*****	水散像物准		****	112 monthly geometric mean	224 daily maximum	cts/100 ml		Weekly	Grab

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LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Mar-15

31-Mar-15 NO DISCHARGE:

TO

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

Parameter		Quantity o	r Loading	Units	Qua	lity or Concentration		Units	No.		Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C) 1 - Final Effluent 00010	1 CI mir	*****	*****		*****	12.21 Report monthly average	13.10 Report daily maximum	DEG.C	0	5X Weekly	Grab
Dissolved Oxygen 1 - Final Effluent 00300	reimit	*****	***** *****		0.94 Report daily minimum	*****	6.62 Report daily maximum	mg/l	0	Monthly	Grab
Biochemical Oxygen Demand (BOD5) 1 - Final Effluent 00310	I cimic	581.83 1226 monthly average	964.44 2452 daily maximum	lbs/day	*****	38.65 30 monthly average	59.00 60 daily maximum	mg/l	1	2X Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) G - Influent 00310	Lermin	*****	* * * * * *****		*****	343.50 Report monthly average	*****	mg/l	0	2X Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5) W - See Comments 00310	reimit	743.64 1839 weekly average	*****	lbs/day	*****	45.00 45 weekly average	*****	mg/l	0	2X Monthly	24-Hr Composite

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TYPED OR PRINTED	are significant penalties for submitting talse information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA NUMBER	YIMID

Page 1

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LOCATION: 2009 RADCLIFFE RD

Juneau, AK 99801

PERMIT NUMBER: AK0022951

MONITORING PERIOD: 1-Mar-15

TO 31-Mar-15

NO DISCHARGE:

OUTFALL / MONITORING POINT: 001A MENDENHALL RIVER DIFFUSER

Parameter		Quantity (Quantity or Loading U		Qua	ility or Concentra	tion	Units	No.		Sample Type
		Average	Maximum	1	Minimum	Average	Maximum		Ex.	Analysis	
Fecal Coliform	Sample meas.	102.71		1							
W - See Comments 74055	I CI DILL	****	*****		*****	168 weekly geometric mean	*****	cts/100 ml		Weekly	Grab
BOD5 Minimum % Removal	Sample meas.	*****	*****		88.75	*****	*****		0		
K - Percent Removal 81010	I CT IMILE	*****	****		85 minimum	*****	****	%		Monthly	Calculation
Total Suspended Solids Minimum % Removal	Sample meas.	****	*****		84.48	*****	*****		1		
K - Percent Removal 81011	reimit	*****	****		85 minimum	*****	****	%		Monthly	Calculation

COMMENTS:	•	
COMMENTS: W = Weekly Limits;		

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	certify under penalty of law that this document and all attachments were		TELEPHONE	DATE
GRIENO TEMPEL	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 who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and betief, true, accurate, and complete. I am aware that there	SIGNATURE OF PRINCIPAL EXECUTIVE	907.586,0393	15/04/09
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Page 5



Alaska Department of Environmental Conservation

Division of Water, Compliance and Enforcement Program
555 Cordova Street

Anchorage, Alaska 99501

Nationwide Toll Free: 1(877) 569-4114 Anchorage/International: (907) 269-4114 Fax: (907) 269-4604 E-mail address: dec-wqreporting@alaska.gov.

NONCOMPLIANCE NOTIFICATION

			000000	22.							
GENERAL INFORMATIO	N	PERMIT# (if any):AK-									
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTP			Facility Lo Juneau, Ak	GROWS 20 NO NO					
Person Reporting: Grieko Tempel		Phone Numbers of Pers 907-586-0393	on Reporting:			How? (e.g. by phone): iance hot-line 1-877-569-4114					
Date/Time Event was Notice 03/26/2015 at 1140		Date/Time Reported: 03/26/2015 at 1345 hrs	12		Name of D N/A	DEC Staff Contacted:					
VERBAL NOTIFICATION	MUST BE M	ADE TO ADEC WITH	IN 24 HOURS OF I	DISCOV	ERY OF N	ONCOMPLIANCE					
INCIDENT DETAILS	(attach ad	ditional sheets, lab r	eports, and phot	tos as n	ecessary)						
Period of Noncompliance		Гіте (exact): 03/16/2015		300000000000000000000000000000000000000		exact): 03/17/2015 at 0845 hrs					
If noncompliance has not been corrected, provide a statement regarding the anticipated time the noncompliance is expected to continue: N/A											
Estimated Quantity involved 1.84 MG (estimate, effluent di											
utilizes a moving Solids Reter due to a change in SRT from facility with seven operating S factors (mainly loading and M was decanting (discharging) a	Description of the noncompliance and its cause (be specific): The Mendenhall WWTF (MWWTF) is operating under an operations plan that utilizes a moving Solids Retention Time (SRT). During the month of February of 2015, the MWWTF experienced a loss of solids via the effluent due to a change in SRT from 11 days to 12 days (done in an attempt to better treat incoming organic waste). The Mendenhall WWTF is an SBR facility with seven operating SBR's, utilizing an UV-system for effluent disinfection. Each SBR performs at a different rate due to a variety of factors (mainly loading and MLSS concentration). SBR 6 and SBR 8 are the SBR's with the lowest performance. At the time of sampling, SBR 8 was decanting (discharging) at ~ 42 NTU's causing lower transmissivity and inadequate disinfection. All three UV-banks are on-line. Actions taken to reduce, climinate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health										
notice) Operational strategies have be	162 					25					
Permit Condition Deviation	(Identify eac	h permit condition excee	ded during the ever	1t.)							
Parameter (e.g. BOD pH)		mit Limit	Exceedance (san		lt)	Sample Date					
Fecal coliform	Dail	ly max 224 col/100ml	1500 col/100ml			03/16/2015					
	1	7	41	i		ation and to minimize or eliminate					
chances of recurrence.)	a description	of corrective actions tak	en to restore the sys	stem to no	ormai opera	ation and to minimize or eniminate					
Operational strategies have be	en revised. Ti	he SRT has been reduced t	o 11 days and we are	e wasting	to meet that	t target.					
Environmental Damage: (i	f yes, provide	e details below)	T Yes		No	Unknown					
Actual /Potential Impact on	Environmen	t/Public Health (describe	in detail)								
Unknown											
to assure that qualified personne system, or those persons directl accurate, and complete. I am av knowing violations.	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. Name: Grieko Tempel Title: Senior Operator Signature: Date: 03/26/2015										
		NT TO ADEC WITHIN		COMIN	GAWARE	Control of the contro					
FURIVIS IVI	OST DE SEI	VI TO ADEC WITHIN	TVE DATS OF DE	COMIN	GAWAKE	OF THE EVENT.					



Alaska Department of Environmental Conservation

Division of Water, Compliance and Enforcement Program
555 Cordova Street

Anchorage, Alaska 99501

Nationwide Toll Free: 1(877) 569-4114 Anchorage/International: (907) 269-4114 Fax: (907) 269-4604 E-mail address: dec-wqreporting@alaska.gov.

NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION	PERMIT# (if any):AK-	0022951		
Owner or Operator: City and Borough of Juneau	Facility Name: Mendenhall WWTP		Facility Loc Juneau, AK	ation:
Person Reporting: Grieko Tempel	Phone Numbers of Pers 907-586-0393	on Reporting:		ow? (c.g. by phone): nce hot-line 1-877-569-4114
Date/Time Event was Noticed: 03/26/2015 at 1140 hrs	Date/Time Reported: 03/26/2015 at 1345 hrs		Name of DE N/A	C Staff Contacted:
VERBAL NOTIFICATION MUST	BE MADE TO ADEC WITHI	N 24 HOURS OF DISCO	VERY OF NO	NCOMPLIANCE
INCIDENT DETAILS (attack	n additional sheets, lab re	ports, and photos as	necessary)	
	Date/Time (exact): 03/17/2015 a			(act): 03/18/2015 at 0900 hrs
If noncompliance has not been correN/A	ected, provide a statement rega	rding the anticipated tin	e the noncompl	liance is expected to continue:
Estimated Quantity involved (volum 1.84 MG (estimate, effluent discharged				
Description of the noncompliance an utilizes a moving Solids Retention Tin due to a change in SRT from 11 days t facility with seven operating SBR's, u factors (mainly loading and MLSS cor was decanting (discharging) at ~ 29.5	ne (SRT). During the month of F to 12 days (done in an attempt to tilizing an UV-system for efflue accentration). SBR 6 and SBR 8 a	February of 2015, the MW better treat incoming organt disinfection. Each SBR are the SBR's with the low	WTF experienced unic waste). The laperforms at a direct est performance.	d a loss of solids via the effluent Mendenhall WWTF is an SBR fferent rate due to a variety of At the time of sampling, SBR 6
Actions taken to reduce, eliminate, a (describe in detail) (e.g. Supplied drinotice)	and prevent reoccurrence of no inking water to nearby well ov	oncompliance and Actual wners and informed well	/Potential Impa owners not to di	ct on Environmental Health rink from wells until further
Operational strategies have been revise	ed. The SRT has been reduced to	o 11 days and we are wasti	ng to meet that to	arget.
Permit Condition Deviation (Identif	y each permit condition exceed	ded during the event.)		
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample re	sult)	Sample Date
Fecal coliform	Daily max 224 col/100ml	820 col/100ml		03/17/2015
Corrective Actions (Attach a descripthances of recurrence.)				
Operational strategies have been revise	A		-	None
Environmental Damage: (if yes, pr	ovide details below)	☐ Yes	™ No	✓ Unknown
Actual /Potential Impact on Environ	nment/Public Health (describe	in detail)		
Unknown				L Principal Activities and a second s
I certify under penalty of law that this do to assure that qualified personnel proper system, or those persons directly respons accurate, and complete. I am aware that knowing violations.	ly gather and evaluate the informa sible for gathering the information	tion submitted. Based on my, the information submitted	y inquiry of the pois, to the best of n	erson or persons who manage the ny knowledge and belief, true,
	Title: Scnior Operator	Signature:	*.	Date: 03/26/2015
FORMS MUST BI	E SENT TO ADEC WITHIN F	IVE DAYS OF BECOM	ING AWARE O	OF THE EVENT.



Alaska Department of Environmental Conservation Division of Water, Compliance and Enforcement Program

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NONCOMPLIANCE NOTIFICATION

	NONCO	WIPLIAI	ICE NOTIF	ICATION	
GENERAL INFORMATION	N PERM	IT# (if any): Ak	K-0022951		
Owner or Operator: City and Borough of Juneau		Name: hall WWTP		Facility I Juneau, A	
Person Reporting: Grieko Tempel	Phone Numbers of Person Reporting: 907-586-0393		Reported How? (e.g. by phone): Via this notification (reporting a weekly violation)		
Date/Time Event was Noticed: Date/Time Reported: Send with March		h 2015 DMR report		DEC Staff Contacted: N/A	
VERBAL NOTIFICATION	MUST BE MADE TO	O ADEC WITH	IN 24 HOURS OF D	ISCOVERY OF N	ONCOMPLIANCE
INCIDENT DETAILS	attach additional	sheets, lab r	eports, and photo	s as necessary	
Period of Noncompliance	Start Date/Time (exa	nct): 03/16/2015		End Date/Time	(exact): 03/20/2015
If noncompliance has not been The MWWTF started the performance of the management of the mean of the m				d time the noncon	pliance is expected to continue:
Estimated Quantity involved 8.88 MGD (estimate, offluent of the state		/16/2015 through	h Friday 03/20/2015)		74
utilizes a moving Solids Retent due to a change in SRT from 1 seven operating SBR's utilizing	tion Time (SRT). Duri 1 days to 12 days (don g an UV-system for eff on). At the time of sam	ing the month of ne in an attempt to fluent disinfection on 03/16/2	February, the MWWT o better treat incoming on. Each SBR performs 2015 SBR 8 was decar	P started to experie c organic waste). The s at a different rate atting (1500 col/100)	ing under an operations plan that ence a loss of solids via the effluent le MWWTP is an SBR facility with due to a variety of factors (mainly ml) and on 03/17/2015 SBR 6 was the permit limit.
(describe in detail) (e.g. Supp notice).	lied drinking water t	to nearby well o	wners and informed	well owners not to	pact on Environmental Health drink from wells until further
Operational strategies have been	en revised. The SRT ha	as been reduced (to 11 days and we are	wasting to meet tha	t target.
Permit Condition Deviation (Identify each permit	condition excee	ded during the event	.)	
Parameter (e.g. BOD pH)	Permit Limit		Exceedance (samp	ole result)	Sample Date
Fecal coliform	Weekly avg g col/100ml	eo mean 168	183 col/100ml		03/16/2015 through 03/20/2015
Corrective Actions (Attach a chances of recurrence.)	description of correc	tive actions take	en to restore the syste	em to normal oper	ation and to minimize or eliminate
Operational strategies have been	n revised. The SRT ha	as been reduced t	to 11 days and we are	wasting to meet tha	t target.
Environmental Damage: (if	yes, provide details h	pelow)	T Yes	∫ No	□ Unknown
Actual /Potential Impact on I	Environment/Public I	Health (describe	in detail)	Marka Pina	
Unknown	3				
to assure that qualified personnel system, or those persons directly	I properly gather and ever responsible for gathering	aluate the information	ation submitted. Based on, the information subm	on my inquiry of the itted is, to the best of	in accordance with a system designed person or persons who manage the f my knowledge and belief, true, possibility of fine and imprisonment for
Name: Crieke Townel	Title: Series	Operator	Cianat	/.	D.4 04/00/2015
Name: Grieko Tempel FORMS MI		Operator DEC WITHIN I	Signature:	OMING AWADE	Date: 04/09/2015



Updated May 2010

Alaska Department of Environmental Conservation Division of Water, Compliance and Enforcement Program

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NONCOMDITANCE NOTIFICATION

	N I	PERMIT# (if any): AK-	0022951			
Owner or Operator: City and Borough of Juneau		Facility Name: Mendenhall WWTP			ocation: K	
Person Reporting:	J	Phone Numbers of Perso	on Reporting:		How? (e.g. by phone):	
Gricko Tempel	1000	907-586-0393	violatio		otification (reporting a weekly	
Date/Time Event was Notice 04/01/2015	ed: I	Date/Time Reported: Send with March	Name arch 2015 DMR report		DEC Staff Contacted: N/A	
VERBAL NOTIFICATION	MUST BE MA	DE TO ADEC WITHI	N 24 HOURS OF I	DISCOVERY OF I	NONCOMPLIANCE	
NCIDENT DETAILS	(attach addi	tional sheets, lab re	ports, and pho	tos as necessary		
Period of Noncompliance	Start Date/Ti	e (exact): 03/01/2015 End Date/Tin		End Date/Time	Fime (exact): 03/31/2015	
f noncompliance has not be the MWWTF started to perfo				ed time the noncor	npliance is expected to continue:	
Estimated Quantity involved 55.50 MGD (effluent dischar	d (volume or we ged 03/01/2015	eight): through Friday 03/31/20	15)	3.00 A P		
e working for a short period. Chemical dosage of the inven- actions taken to reduce, elin	. However, invertory showed little minate, and pre	ntory built under the 12 de le or no improvement of s vent reoccurrence of no	ay SRT to the point settleability.	that it became diffice	ning organic waste). This appeared to cult to contain it within the system. pact on Environmental Health drink from wells until further	
Operational strategies have be	een revised. The	SRT has been reduced to	11 days and we are	wasting to meet the	at target.	
					en e	
Parameter (e.g. BOD pH)	Permi	t Limit	Exceedance (san		Sample Date	
Parameter (e.g. BOD pH) TSS concentration mg/l	Permi Month	t Limit dy avg. 30 mg/l	Exceedance (san 33.20 mg/l		Sample Date 03/01/2015 through 03/31/2015	
Parameter (e.g. BOD pH) TSS concentration mg/l	Permi Month	t Limit	Exceedance (san		Sample Date	
Parameter (e.g. BOD pH) ISS concentration mg/l BOD concentration mg/l	Permi Month Month	t Limit dy avg. 30 mg/l	Exceedance (san 33.20 mg/l		Sample Date 03/01/2015 through 03/31/2015	
Permit Condition Deviation Parameter (e.g. BOD pH) TSS concentration mg/l BOD concentration mg/l TSS percent removal (monthl Corrective Actions (Attach achances of recurrence.)	Month Month My) Month	t Limit aly avg. 30 mg/l aly avg. 30 mg/l aly avg. minimum 85 %	Exceedance (sam 33.20 mg/l 38.65 mg/l 84.48 %	nple result)	Sample Date 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015	
Parameter (e.g. BOD pH) ISS concentration mg/l BOD concentration mg/l ISS percent removal (month) Corrective Actions (Attach :	Month Month y) Month a description of	t Limit aly avg. 30 mg/l aly avg. 30 mg/l aly avg. minimum 85 % corrective actions take	Exceedance (san 33.20 mg/l 38.65 mg/l 84.48 % In to restore the sys	nple result) stem to normal ope	Sample Date 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 ration and to minimize or eliminate	
Parameter (e.g. BOD pH) TSS concentration mg/l BOD concentration mg/l TSS percent removal (monthl Corrective Actions (Attach schances of recurrence.)	Month Month a description of	t Limit aly avg. 30 mg/l aly avg. 30 mg/l aly avg. minimum 85 % corrective actions taken SRT has been reduced to	Exceedance (san 33.20 mg/l 38.65 mg/l 84.48 % In to restore the sys	nple result) stem to normal ope	Sample Date 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 ration and to minimize or eliminat	
Parameter (e.g. BOD pH) ISS concentration mg/l BOD concentration mg/l ISS percent removal (monthl Corrective Actions (Attach achances of recurrence.) Operational strategies have be	Month Month Month a description of een revised. The	t Limit aly avg. 30 mg/l aly avg. 30 mg/l aly avg. minimum 85 % corrective actions take SRT has been reduced to	Exceedance (sam 33.20 mg/l 38.65 mg/l 84.48 % In to restore the system of 11 days and we are	nple result) stem to normal ope e wasting to meet th	Sample Date 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 ration and to minimize or eliminate at target.	
Parameter (e.g. BOD pH) ISS concentration mg/l BOD concentration mg/l ISS percent removal (monthl Corrective Actions (Attach ach ach ach ach ach ach ach ach ach	Month Month Month a description of een revised. The	t Limit aly avg. 30 mg/l aly avg. 30 mg/l aly avg. minimum 85 % corrective actions take SRT has been reduced to	Exceedance (sam 33.20 mg/l 38.65 mg/l 84.48 % In to restore the system of 11 days and we are	nple result) stem to normal ope e wasting to meet th	Sample Date 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 03/01/2015 through 03/31/2015 ration and to minimize or eliminate at target.	