

Permit number: AKG-57-1000-013	Expires: July 20, 2009	Submit this report to:	ADEC and EPA to the addresses on Part III B of the NPDES general permit.
ADEC File number: 1513.45.009			

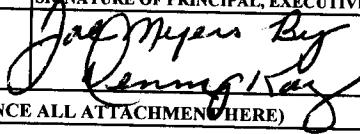
Applicant Name: City and Borough of Juneau	Responsible party: Joe Myers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Denny Kay
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 12/27/2010	To: 1/30/2010

**Outfall 001**

Parameter		Min. Value	Monthly Average	Weekly Average	Max. Value	Number of Analyses	Number of Violations	Units	Frequency of Analysis	Sample Method	
Dissolved Oxygen (effluent)	00300 1	Results	4			1	0	mg/l	1/month	Grab	
		Limits	2.0	N/A	N/A	N/A	report				report
Biochemical Oxygen Demand (influent)	00310 G	Results		200	200	200	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	00310 W 00310 1	Results		3.2	3.2	3.2	1	0	lbs/day	1/month	Grab or Composite
		Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand (effluent)	00310 W 00310 1	Results		8.5	8.5	8.5	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.7			7.2	15	0	Std. Units	3/week	Grab
		Limits	6.0	N/A	N/A	9.0	report	report			
Total Suspended Solids (influent)	00530 G	Results		0	0	284	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	00530 W 00530 1	Results		0.0	0.0	2.6	1	0	lbs/day	1/month	Grab or Composite
		Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids (effluent)	00530 W 00530 1	Results		0.0	0.0	7.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		1	1	1	1	0	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.0539	0.0576	0.0539	35	0	mgd	Daily 5/week	Measured/recorded
		Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent)	50060 1	Results		0.00		0.00	15	0	mg/l	3/week	Grab
		Limits	N/A	0.50	N/A	1.0	report	report			
Biochemical Oxygen Demand % removal	81010 K	Results	95.8					0	%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal	81011 K	Results	97.0					0	%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			

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, TITLE OF PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Joe Myers WW Superintendent		2/24/10	(907) 586-0393
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)	DATE	TELEPHONE	
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD			

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

January 2010

DAY	DATE	FLOWS			INFLUENT				EFFLUENT				MISCELLANEOUS							
		INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	TEMP °C	pH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FECAL COLIFORM /100 ml	Cl <sub>2</sub> RESIDUAL mg/L	Cl <sub>2</sub> USED LBS	Na <sub>2</sub> S <sub>2</sub> O <sub>2</sub> USED LBS
SUN	27	0.06512	0.0030						10.5	6.9							0.00	1.34	2.01	3.10
MON	28	0.04125	0.0030														0.01	1.34	0.67	2.48
TUE	29	0.05186	0.0030														0.04	1.34	0.67	2.17
WED	30	0.04312	0.0030														0.08	1.34	0.67	2.17
THU	31	0.03525	0.0030														0.00	1.34	1.34	2.48
FRI	1	0.04567	0.0030														0.02	1.34	3.35	2.17
SAT	2	0.05479	0.0030														0.01	2.01	2.68	1.86
SUN	3	0.04820	0.0030														0.20	2.68	2.68	2.48
MON	4	0.04254	0.0030														0.01	2.68	2.68	1.24
TUE	5	0.05614	0.0030														0.01	3.35	3.35	2.48
WED	6	0.04460	0.0030														0.01	3.35	3.35	2.17
THU	7	0.05032	0.0030														0.01	2.01	2.01	1.86
FRI	8	0.04811	0.0030														0.01	2.01	2.68	2.17
SAT	9	0.06019	0.0030														0.01	2.68	2.68	2.17
SUN	10	0.07477	0.0030														0.01	2.68	2.68	2.17
MON	11	0.03562	0.0030														0.01	2.68	2.68	2.17
TUE	12	0.04506	0.0030														0.01	2.68	2.68	2.17
WED	13	0.05476	0.0030														0.01	3.35	3.35	2.48
THU	14	0.04696	0.0030														0.01	3.35	3.35	2.17
FRI	15	0.06840	0.0030														0.01	0.61	0.61	2.17
SAT	16	0.06973	0.0030														0.01	1.34	1.34	2.17
SUN	17	0.07196	0.0030														0.01	2.01	2.01	3.10
MON	18	0.05439	0.0030														0.01	2.01	2.01	1.86
TUE	19	0.04844	0.0030														0.01	2.01	2.01	1.86
WED	20	0.05424	0.0075														0.01	2.01	2.01	1.86
THU	21	0.06347	0.0030														0.01	1.34	1.34	1.86
FRI	22	0.05161	0.0030														0.01	2.01	2.01	1.86
SAT	23	0.05936	0.0030														0.00	2.68	2.68	2.17
SUN	24	0.05598	0.0030														0.00	2.68	2.68	1.86
MON	25	0.06052	0.0030														0.08	1.34	1.34	3.10
TUE	26	0.04462	0.0030														0.08	1.34	1.34	1.55
WED	27	0.05054	0.0075														0.01	0.67	0.67	2.17
THU	28	0.05513	0.0030														0.01	1.34	1.34	2.48
FRI	29	0.05210	0.0030														0.01	1.34	1.34	2.48
SAT	30	0.08238	0.0030														0.67	0.67	0.67	1.55
TOTAL		1.88720	0.1140																	
MAXIMUM		0.1	0.0	0.0	0.0	284	107	200	10.5	7.2	4.0	7.0	2.6	8.5	3.2	1.0		2.04	2.29	
MINIMUM		0.1	0.0	0.0	0.0	284	107	200	9.3	6.7	4.0	7.0	2.6	8.5	3.2	1.0		0.61	1.24	
AVERAGE		0.0539	0.0033						9.9	6.9	4.0	0.0	0.0	8.5	3.2	1.0		1.78	2.29	

COMMENTS:  
\* GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES  
\* SEE ENCLOSED VIOLATION LETTER

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY		
		BOD mg/l	TSS mg/l	CHLORINE mg/l	COLIFORM Geo. Mean			
1	0.04815	8.5	3.2	7.0	2.6	8.5	3.2	1.0
2	0.05001							
3	0.05647							
4	0.05764							
5	0.05732							
MAX	0.05764	8.5	3.2	7.0	2.6	8.5	3.2	1.0

% REMOVAL	
B.O.D.	95.8
S.S.	97.0