

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: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 8/3/2008	To: 8/30/2008

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			1	0	mg/l	1/month	Grab	
	Limits	2.0	N/A	N/A	report	report				
Biochemical Oxygen Demand (influent) 00310 G	Results		120	120	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	report	report	report	report				
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		4.6	4.6	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		7.8	7.8	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	30	45	60	report				report
pH (effluent) 00400 1	Results	6.5			12	0	Std. Units	3/week	Grab	
	Limits	6.0	N/A	N/A	9.0	report				report
Total Suspended Solids (influent) 00530 G	Results		80	80	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	report	report	report	report				
Total Suspended Solids (effluent) 00530 W 00530 1	Results		3.6	3.6	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		6.0	6.0	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	30	45	60	report				report
Fecal Coliform Bacteria (effluent) 31616 1	Results		1.4	1.4	1	0	#/100 ml	1/month	Grab	
	Limits	N/A	200	400	800	report				report
Flow Rate (effluent or influent) 50050 1	Results		0.07096	0.07863	0.09840	28	0	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.02	0.03	0.06	12	0	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report	report			
Biochemical Oxygen Demand % removal 81010 K	Results	93.5				0	%	1/month	Calculated	
	Limits	85%	N/A	N/A	N/A	report				report
Total Suspended Solids % removal 81011 K	Results	92.5				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 Scott Jeffers WW Superintendent	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT 	DATE 9/10/08	TELEPHONE (907) 586-0393
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

DAY	DATE	WEATHER		FLOWS		INFLUENT		EFFLUENT		FECAL COLIFORM /100 ml	Cl ₂ RESIDUAL mg/L											
		TEMP °F	RAIN INCHES	INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	pH	D.O. mg/L	SS mg/L			SS LBS	B.O.D. mg/L	SS LBS	B.O.D. mg/L	B.O.D. LBS						
SUN	3	54	0.03	0.07139	0.0040																	
MON	4	55	0.00	0.06504	0.0050																	
TUE	5	58	0.00	0.06569	0.0045																	
WED	6	61	0.00	0.06808	0.0045	14.5	6.8	6.2	80	47	120	71	15.2	6.6	4.1	6.0	3.6	7.8	4.6	1.4	0.01	
THU	7	54	0.15	0.05832	0.0050																	
FRI	8	57	0.10	0.06961	0.0040																	
SAT	9	54	0.99	0.06982	0.0035																	
SUN	10	53	0.10	0.08162	0.0035																	
MON	11	54	0.29	0.05807	0.0045								14.9	6.7								
TUE	12	55	0.30	0.07887	0.0035																	
WED	13	57	0.51	0.07216	0.0045																	
THU	14	58	0.04	0.06450	0.0045																	
FRI	15	58	0.01	0.06789	0.0040																	
SAT	16	52	0.38	0.07523	0.0030																	
SUN	17	53	0.22	0.06929	0.0030																	
MON	18	55	0.00	0.06423	0.0045																	
TUE	19	57	0.02	0.06801	0.0050																	
WED	20	62	0.00	0.05997	0.0050																	
THU	21	55	0.44	0.07230	0.0045																	
FRI	22	53	0.28	0.07340	0.0040																	
SAT	23	54	0.25	0.07304	0.0020																	
SUN	24	52	0.36	0.07141	0.0020																	
MON	25	49	0.47	0.09840	0.0045																	
TUE	26	47	0.15	0.08734	0.0040																	
WED	27	49	0.00	0.07548	0.0045																	
THU	28	51	0.15	0.07486	0.0045																	
FRI	29	52	0.02	0.07541	0.0040																	
SAT	30	52	0.01	0.06751	0.0040																	
TOTAL				1.98574	0.11350																	
MAXIMUM		62	0.99	0.09840	0.00500	14.5	6.8	6.2	80	47	120	71	15.2	7.0	4.1	6.0	3.6	7.8	4.6	1.4	0.06	
MINIMUM		47	0.00	0.05807	0.00200	14.5	6.8	6.2	80	47	120	71	14.9	6.5	4.1	6.0	3.6	7.8	4.6	1.4	0.00	
AVERAGE		54.0	0.19	0.07096	0.00405	14.5	6.8	6.2	80	47	120	71	15.1	6.6	4.1	6.0	3.6	7.8	4.6	1.4	0.02	
NO OF ANALYSIS									28													

COMMENTS:

*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES

WEEK	FLOW	BOD		TSS		CHLORINE		WEEKLY AVERAGE		WEEKLY COLIFORM Geo Mean
		mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs	
1	0.06642	7.8	4.6	6.0	3.6	0.01	1.7	0.01	1.7	1.4
2	0.07119					0.02	2.9			
3	0.06758					0.01	2.4			
4	0.07863					0.03	2.1			
MAX	0.07863	7.8	4.6	6.0	3.6	0.03	2.9			1.4