

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			

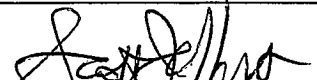
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 7/1/2007	To: 7/28/2007

**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 I	Results	2.3			1	0	mg/l	1/month	Grab	
	Limits	2.0	N/A	N/A	report	report				
Biochemical Oxygen Demand (influent) 00310 G	Results		168	168	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	report	report	report	report				
Biochemical Oxygen Demand (effluent) 00310 W 00310 I	Results		6.3	6.3	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 I	Results		11.1	11.1	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	30	45	60	report				report
pH (effluent) 00400 I	Results	6.6			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		178	178	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	report	report	report	report				
Total Suspended Solids (effluent) 00530 W 00530 I	Results		7.4	7.4	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 I	Results		13.0	13.0	1	0	mg/l	1/month	Grab or Composite	
	Limits	N/A	30	45	60	report				report
Fecal Coliform Bacteria (effluent) 31616 I	Results		6.0	6.0	1	0	#/100 ml	1/month	Grab	
	Limits	N/A	200	400	800	report				report
Flow Rate (effluent or influent) 50050 I	Results		0.06838	0.07428	0.09010	28	0	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent) 50060 I	Results		0.06	0.10	0.22	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	93.4				0	%	1/month	Calculated	
	Limits	85%	N/A	N/A	N/A	report				report
Total Suspended Solids % removal 81011 K	Results	92.7				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		
Scott Jeffers WW Superintendent		8/9/07	(907) 586-0393
		DATE	TELEPHONE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)

CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

EPA REPORT

July 2007

DAY	DATE	WEATHER		FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS					
		TEMP °F	RAIN FALL INCHES	INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	pH	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>3</sub> USED LBS
SUN	1	54	0.00	0.05024	0.0030																	1.34	3.41
MON	2	51	0.00	0.05951	0.0045							6.7									0.03	2.68	1.86
TUE	3	58	0.02	0.05876	0.0030																	2.01	1.86
WED	4	56	0.09	0.05511	0.0030	14.4	7.0	5.3	178	102	168	96	15.1	6.7	2.3	13.0	7.4	11.1	6.3		0.19	2.01	2.48
THU	5	55	0.11	0.06317	0.0030															6.0		2.68	3.10
FRI	6	55	0.05	0.05885	0.0020								6.6								0.08	2.68	3.10
SAT	7	58	0.08	0.05981	0.0030																	1.34	2.79
SUN	8	57	0.03	0.05677	0.0030																	1.34	3.72
MON	9	54	0.65	0.06991	0.0030								6.6								0.02	2.01	4.96
TUE	10	55	0.47	0.08164	0.0030																	1.34	3.41
WED	11	55	0.71	0.07926	0.0015								6.7								0.22	2.01	3.72
THU	12	59	0.50	0.07971	0.0020																	1.34	4.65
FRI	13	57	0.08	0.07390	0.0030								6.8								0.01	2.01	4.34
SAT	14	56	0.04	0.07248	0.0030																	1.34	1.55
SUN	15	62	0.14	0.07832	0.0030																	1.34	2.79
MON	16	57	1.34	0.09010	0.0030								6.7								0.00	2.01	3.72
TUE	17	55	0.06	0.06373	0.0030																	2.01	4.34
WED	18	59	0.00	0.06895	0.0040								6.8								0.00	2.68	3.72
THU	19	58	0.17	0.06815	0.0030																	2.68	4.34
FRI	20	53	0.81	0.08183	0.0030								6.7								0.04	3.35	4.65
SAT	21	54	0.10	0.06888	0.0030																	3.35	2.79
SUN	22	56	0.01	0.06634	0.0030																	5.36	4.65
MON	23	55	0.92	0.07207	0.0050								6.8								0.02	4.02	3.72
TUE	24	57	0.00	0.07261	0.0030																	4.69	4.34
WED	25	59	0.00	0.06519	0.0045								6.7								0.14	4.02	3.72
THU	26	57	0.02	0.06421	0.0045																	3.35	3.72
FRI	27	59	0.00	0.06684	0.0030								6.7								0.01	4.69	3.72
SAT	28	57	0.11	0.06837	0.0030																	2.01	2.79
TOTAL			6.51	1.91471	0.08800																	71.69	
MAXIMUM		62	1.34	0.09010	0.00500	14.4	7.0	5.3	178	102	168	96	15.1	6.8	2.3	13.0	7.4	11.1	6.3	6	0.22	5.36	4.96
MINIMUM		51	0.00	0.05024	0.00150	14.4	7.0	5.3	178	102	168	96	15.1	6.6	2.3	13.0	7.4	11.1	6.3	6	0.00	1.34	1.55
AVERAGE		58.4	0.23	0.06838	0.00314	14.4	7.0	5.3	178	102	168	96	15.1	6.7	2.3	13.0	7.4	11.1	6.3	6	0.06	2.56	3.50

NO. OF ANALYSIS

28

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COMMENTS:

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

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD		TSS		CHLORINE	COLIFORM
		mg/l	lbs	mg/l	lbs	mg/l	Geo. Mean
1	0.05792	11.1	6.3	13.0	7.4	0.10	2.1
2	0.07338					0.08	1.6
3	0.07428					0.01	2.5
4	0.06795					0.06	4.0
MAX	0.07428	11.1	6.3	13.0	7.4	0.10	4.0

% REMOVAL	
B.O.D.	93.4
S.S.	92.7