

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.
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ADEC File number: 1513.45.009

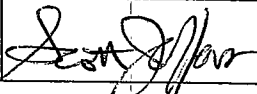
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 7/29/2007	To: 9/1/2007

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	2.4			1	0	mg/l	1/month	Grab	
	Limits	2.0	N/A	N/A	report	report				
Biochemical Oxygen Demand (influent) 00310 G	Results		356	356	356	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 I	Results		5.2	5.2	5.2	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 I	Results		9.8	9.8	9.8	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report	report			
pH (effluent) 00400 I	Results		6.5		7.3	15	0	Std. Units	3/week	Grab
	Limits		6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		388	388	388	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 I	Results		6.9	6.9	6.9	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	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		2	2	2	1	0	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent) 50050 I	Results		0.0633	0.0677	0.0753	35	0	mgd	Daily 5/week	Measured/ recorded
	Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent) 50060 I	Results		0.11		0.49	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		97.2				0	%	1/month	Calculated
	Limits		85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results		96.6				0	%	1/month	Calculated
	Limits		85%	N/A	N/A	N/A	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 9/4/07	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

AUKE BAY WASTEWATER TREATMENT FACILITY

Juneau, Alaska

August 2007

EPA REPORT

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 /100ml	Cl ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na ₂ SO ₂ USED LBS
SUN	29	61	0.02	0.06473	0.0030																	2.01	3.72
MON	30	54	0.12	0.06318	0.0030							6.9									0.00	2.01	3.10
TUE	31	56	0.06	0.06601	0.0020																	1.34	2.48
WED	1	58	0.01	0.06210	0.0025							7.0									0.49	4.02	3.72
THU	2	61	0.00	0.04084	0.0015																	4.69	4.03
FRI	3	54	0.00	0.06494	0.0025							7.0									0.16	4.02	4.03
SAT	4	57	0.00	0.05970	0.0030																	2.01	2.17
SUN	5	56	0.00	0.05688	0.0030																	1.34	2.48
MON	6	54	0.12	0.06712	0.0030							6.8									0.00	2.01	1.86
TUE	7	54	0.07	0.06623	0.0040			388	205	356	188				13.0	6.9	9.8	5.2			2.68	2.48	
WED	8	58	0.00	0.06448	0.0030	17.1	7.6	5.7				16.3	7.0	2.4					2.0	0.07	3.35	2.48	
THU	9	60	0.00	0.06443	0.0030																	3.35	2.48
FRI	10	58	0.00	0.06268	0.0030							6.8									0.01	1.34	2.48
SAT	11	61	0.00	0.06121	0.0020																	4.02	1.86
SUN	12	60	0.00	0.05620	0.0020																	2.01	2.17
MON	13	61	0.00	0.05850	0.0020							6.9									0.17	3.35	1.86
TUE	14	57	0.00	0.06322	0.0025																	2.68	1.86
WED	15	58	0.00	0.06176	0.0020							6.9									0.19	2.68	1.44
THU	16	60	0.00	0.05710	0.0020																	3.35	2.17
FRI	17	60	0.14	0.06645	0.0015							6.7									0.22	1.62	3.41
SAT	18	57	0.07	0.05744	0.0030																	2.68	2.79
SUN	19	56	0.00	0.05908	0.0030																	2.01	2.48
MON	20	56	0.00	0.06911	0.0045							6.5									0.00	2.68	3.72
TUE	21	55	0.00	0.07190	0.0025																	2.68	3.72
WED	22	55	0.19	0.05138	0.0030							6.6									0.04	1.49	3.10
THU	23	52	0.05	0.06033	0.0030																	2.68	6.70
FRI	24	54	0.71	0.07529	0.0045							7.3									0.17	2.01	2.79
SAT	25	52	0.28	0.06816	0.0035																	0.67	3.10
SUN	26	54	0.01	0.06642	0.0045																	2.01	3.41
MON	27	55	0.00	0.06973	0.0000							6.8									0.00	0.67	3.10
TUE	28	51	0.00	0.07168	0.0060																	4.02	4.34
WED	29	57	0.04	0.06351	0.0030							6.6									0.02	4.02	4.34
THU	30	55	0.02	0.07183	0.0040																	2.01	3.71
FRI	31	55	0.08	0.06625	0.0020							6.6									0.07	1.34	2.17
SAT	1	52	0.06	0.06413	0.0025																	2.01	2.17
TOTAL			2.05	2.2140	0.0995																	86.86	103.92
MAXIMUM		61	0.71	0.0753	0.0060	17.1	7.6	5.7	388	205	356	188	16.3	7.3	2.4	13.0	6.9	9.8	5.2	2.0	0.49	4.69	6.70
MINIMUM		51	0.00	0.0408	0.0000	17.1	7.6	5.7	388	205	356	188	16.3	6.5	2.4	13.0	6.9	9.8	5.2	2.0	0.00	0.67	1.44
AVERAGE		56	0.06	0.0633	0.0028	17.1	7.6	5.7	388	205	356	188	16.3	6.8	2.4	13.0	6.9	9.8	5.2	2.0	0.11	2.48	2.97

COMMENTS:

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

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD		TSS		CHLORINE	COLIFORM
		mg/l	lbs	mg/l	lbs	mg/l	Geo. Mean
1	0.06021	9.8	5.2	13.0	6.9	0.22	2.87
2	0.06329					0.03	2.58
3	0.06010					0.19	2.62
4	0.06504					0.07	2.03
5	0.06765					0.03	2.30
MAX	0.06765	9.8	5.2	13.0	6.9	0.22	2.87

%REMOVAL	
B.O.D.	97.2
S.S.	96.6