

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			

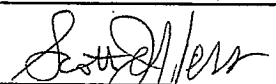
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 11/4/2007	To: 12/1/2007

**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 1	Results	2.3			2	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	N/A	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		260	260	260	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		5	5	5	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		11.0	11.0	11.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	6.7			7.0	11	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		184	184	184	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		6	6	6	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		12.0	12.0	12.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		2.0	2.0	2.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0596	0.0623	0.0677	28	mgd	Daily 5/week	Measured/ recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.03		0.3	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results		95.8				%	1/month	Calculated
	Limits		85%	N/A	N/A	N/A			
Total Suspended Solids % removal 81011 K	Results		93.5				%	1/month	Calculated
	Limits		85%	N/A	N/A	N/A			

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		12/10/07	(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

November 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	SS mg/L	SS LBS	B.O.D. mg/L	B.O.D. LBS	TEMP °C	pH	D.O. mg/L	SS mg/L	SS LBS	B.O.D. mg/L	B.O.D. LBS	FECAL COLIFORM /100 ml	CL RESIDUAL mg/L	CL USED LBS	Na2SO3 USED LBS	
SUN	4	35	0.00	0.06669	0.0020																	2.01	2.79	
MON	5	31	0.35	0.05086	0.0045								6.9								0.00	0.67	2.48	
TUE	6	33	0.00	0.06114	0.0045																	5.36	2.48	
WED	7	34	0.01	0.06358	0.0040	12.4	7.2	6.6				12.9	6.8	2.3						2.0	0.34	4.02	3.10	
THU	8	29	0.00	0.06225	0.0020																	4.69	2.48	
FRI	9	31	0.07	0.05944	0.0045								6.8								0.00	0.67	3.72	
SAT	10	35	0.16	0.06305	0.0045																	1.34	2.48	
SUN	11	32	0.01	0.06229	0.0030																	0.67	3.10	
MON	12	31	0.07	0.06241	0.0030								7.0								0.05	2.68	3.10	
TUE	13	37	0.07	0.06202	0.0050																	2.01	3.10	
WED	14	36	0.15	0.06204	0.0030								6.8								0.00	2.01	2.48	
THU	15	35	0.01	0.06427	0.0030																	1.34	3.10	
FRI	16	42	0.48	0.06575	0.0030								6.7								0.01	3.35	2.79	
SAT	17	36	0.00	0.05704	0.0030																	1.34	2.17	
SUN	18	32	0.02	0.05542	0.0030																	0.67	2.79	
MON	19	37	0.03	0.05806	0.0045								6.8								0.00	1.34	3.10	
TUE	20	38	0.00	0.05964	0.0030																	2.68	2.48	
WED	21	40	0.00	0.05686	0.0030								6.8								0.00	1.34	2.48	
THU	22	37	0.00	0.05468	0.0030																	0.67	2.79	
FRI	23	40	0.35	0.05584	0.0045								6.9								0.00	1.34	3.10	
SAT	24	38	0.06	0.05549	0.0030																	2.68	1.86	
SUN	25	39	0.06	0.06769	0.0025																	0.00	2.01	3.10
MON	26	39	0.20	0.04708	0.0030								6.8									0.67	2.48	
TUE	27	36	0.00	0.06010	0.0045				184	91	260	129			12	6	11	5			0.00	1.34	3.10	
WED	28	32	0.03	0.05802	0.0040	11.2	7.4	6.1				11.9	6.9	2.4								2.01	3.10	
THU	29	27	0.00	0.06088	0.0045																	0.00	2.01	3.10
FRI	30	26	0.00	0.05569	0.0030																	0.67	1.55	
SAT	1	24	0.00	0.06124	0.0030																	0.67	1.55	
TOTAL			2.13	1.66952	0.09750																	51.59		
MAXIMUM		42	0.48	0.06769	0.00500	12.4	7.4	6.6	184	91	260	129	12.9	7.0	2.4	12	6	11	5	2	0.34	5.36	3.72	
MINIMUM		24	0.00	0.04708	0.00200	11.2	7.2	6.1	184	91	260	129	11.9	6.7	2.3	12	6	11	5	2	0.00	0.00	1.55	
AVERAGE		34	0.08	0.05963	0.00348	11.8	7.3	6.4	184	91	260	129	12.4	6.8	2.4	12	6	11	5	2	0.03	1.84	2.71	

NO. OF ANALYSIS

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	lbs	Geo. Mean
1	0.06100					0.11	2.7	2.0
2	0.06226					0.02	1.9	
3	0.05657					0.00	1.5	
4	0.05867	11	5	12	6	0.00	1.2	
MAX	0.06226	11	5	12	6	0.11	2.7	2.0

% REMOVAL	
B.O.D.	95.8
S.S.	93.5