

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: 9/2/2007	To: 9/29/2007

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	2.4			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		216	216	216	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		6.3	6.3	6.3	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		9.6	9.6	9.6	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	6.6			12	0	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		196	196	196	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		5.2	5.2	5.2	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		8.0	8.0	8.0	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		0.0781	0.0889	0.1045	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.02	0.04	0.10	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	95.6				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	95.9				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	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Scott Jeffers WW Superintendent		Oct 3, 2007	(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

September 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 /100 ml	Cl ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na ₂ SO ₃ USED LBS	
SUN	2	52	0.00	0.05983	0.0025																	3.35	2.48	
MON	3	54	0.00	0.05678	0.0040							6.7									0.00	1.34	3.10	
TUE	4	49	0.50	0.07428	0.0035				196	128	216	141			8.0	5.2	9.6	6.3		2.0	0.00	2.68	2.48	
WED	5	51	0.28	0.08498	0.0030	15.3	7.3	5.5					16.1	6.8	2.4							1.34	3.72	
THU	6	52	0.24	0.09062	0.0030									6.6							0.02	2.01	3.72	
FRI	7	52	0.10	0.06464	0.0015																	7.37	3.41	
SAT	8	52	0.61	0.08323	0.0025																	4.02	3.10	
SUN	9	58	0.12	0.07541	0.0030																0.00	2.68	3.10	
MON	10	55	0.27	0.08477	0.0030								6.7									0.00	3.41	
TUE	11	54	0.02	0.06502	0.0030									6.8								1.34	3.10	
WED	12	51	0.00	0.07072	0.0030																		2.68	3.72
THU	13	51	0.00	0.08077	0.0030									6.7							0.02	2.01	2.79	
FRI	14	50	0.60	0.06478	0.0030																	3.35	3.10	
SAT	15	53	0.32	0.07329	0.0030																	4.02	3.41	
SUN	16	49	0.95	0.10450	0.0030																0.02	2.68	4.65	
MON	17	47	0.75	0.08559	0.0030								6.8									4.02	4.34	
TUE	18	48	0.00	0.07738	0.0035									6.8							0.00	2.01	3.72	
WED	19	49	0.82	0.09780	0.0040																	1.34	4.34	
THU	20	49	0.61	0.09824	0.0040									6.8							0.10	1.34	5.58	
FRI	21	48	0.47	0.08415	0.0040																	3.35	2.79	
SAT	22	48	0.04	0.07471	0.0030																	2.01	3.72	
SUN	23	47	1.05	0.07905	0.0035																0.03	2.68	4.34	
MON	24	50	0.31	0.08006	0.0035									6.8								2.68	4.34	
TUE	25	50	0.40	0.08268	0.0030																0.00	2.01	6.82	
WED	26	47	0.33	0.08294	0.0030									6.8								1.34	6.20	
THU	27	43	0.03	0.08251	0.0045																0.01	2.01	7.13	
FRI	28	44	0.00	0.07190	0.0030									6.7								16.75	3.10	
SAT	29	47	0.00	0.05627	0.0030																			
TOTAL			8.82	2.18690	0.0890				196	128	216	141	16.1	6.8	2.4	8.0	5.2	9.6	6.3	2.0	0.10	16.75	7.13	
MAXIMUM		58	1.05	0.10450	0.0045	15.3	7.3	5.5	196	128	216	141	16.1	6.6	2.4	8.0	5.2	9.6	6.3	2.0	0.00	0.00	2.48	
MINIMUM		43	0.00	0.05627	0.0015	15.3	7.3	5.5	196	128	216	141	16.1	6.8	2.4	8.0	5.2	9.6	6.3	2.0	0.02	3.04	3.91	
AVERAGE		50.0	0.32	0.07810	0.0032	15.3	7.3	5.5	196	128	216	141	16.1	6.8	2.4	8.0	5.2	9.6	6.3	2.0				

NO. OF ANALYSIS 28

COMMENTS:

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

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD		TSS		COLIFORM	
		mg/l	lbs	mg/l	lbs	mg/l	Geo Mean
1	0.07348	9.6	6.3	8.0	5.2	0.01	2.0
2	0.07354					0.01	2.3
3	0.08891					0.04	2.7
4	0.07649					0.01	4.2
MAX	0.08891	9.6	6.3	8.0	5.2	0.04	4.2

% REMOVAL	
B.O.D.	95.6
S.S.	95.9