

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

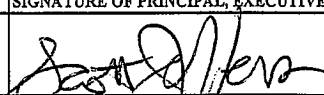
Sample Period

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	From:	10/1/2006
		To:	10/28/2006

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	4.5			1	0	mg/l	1/month	Grab	
		Limits	2.0	N/A	N/A	N/A	report				report
Biochemical Oxygen Demand (influent)	00310 G	Results		193	193	193	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	00310 W 00310 1	Results		12.8	12.8	12.8	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		18.8	18.8	18.8	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.1			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		122	122	122	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	00530 W 00530 1	Results		4.8	4.8	4.8	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		7.0	7.0	7.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		41.6	90.6	4100.0	4	1	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.08508	0.08658	0.11756	28	0	mgd	Daily 5/week	Measured/recorded
		Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent)	50060 1	Results		0.06	0.13	0.39	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		90.3				0	%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal	81011 K	Results		94.3				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	 DATE: 11/1/06 TELEPHONE: (907) 586-0393

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

October 2006

EPA REPORT

EPA REPORT		WEATHER		FLOWS		INFLUENT					EFFLUENT					MISCELLANEOUS									
DAY	DATE	TEMP °F	RAIN FALL INCHES	EFFLUENT 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	1	44	0.00	0.08680	0.0015									6.3							0.00	2.01	4.76		
MON	2	47	0.00	0.07873	0.0015											7.0	4.8	18.8	12.8		4100	0.00	2.68	2.38	
TUE	3	46	0.18	0.08165	0.0015				122	83	193	131	14.9	6.4	4.5							2.01	4.42		
WED	4	47	2.60	0.11756	0.0015	12.8	6.2	7.1														4.69	4.76		
THU	5	46	0.10	0.08503	0.0010																10.05	6.70	5.10		
FRI	6	47	0.24	0.08282	0.0025																2.0	0.00	6.70	5.10	
SAT	7	41	0.00	0.07350	0.0015																		5.36	4.96	
SUN	8	52	0.88	0.08100	0.0015																		6.70	4.34	
MON	9	48	0.38	0.07790	0.0030	14.9	6.7	6.5													52.2	0.01	4.02	6.20	
TUE	10	55	0.00	0.08353	0.0025																	0.01	7.37	5.58	
WED	11	45	0.28	0.07698	0.0025																		5.36	4.96	
THU	12	40	0.00	0.08747	0.0025																	0.28	6.03	4.34	
FRI	13	40	0.85	0.09028	0.0025																		4.69	4.96	
SAT	14	44	0.95	0.09777	0.0015																		8.04	6.20	
SUN	15	46	0.00	0.08111	0.0015																	0.00	4.69	4.34	
MON	16	41	0.00	0.08074	0.0020																		7.37	5.58	
TUE	17	41	0.78	0.08642	0.0025																7.0	0.39	6.70	5.27	
WED	18	43	0.33	0.08551	0.0025																		6.03	4.34	
THU	19	48	0.27	0.08650	0.0025																	0.00	5.36	4.34	
FRI	20	48	0.55	0.07669	0.0025																		4.69	3.10	
SAT	21	50	1.17	0.08440	0.0015																		2.01	3.41	
SUN	22	46	0.45	0.09030	0.0015																	0.00	0.67	5.58	
MON	23	43	0.96	0.09248	0.0015																		3.35	5.27	
TUE	24	43	0.37	0.08469	0.0025																	0.00	1.34	4.96	
WED	25	39	0.85	0.09633	0.0025																		1.34	5.27	
THU	26	41	0.17	0.08983	0.0025																	0.01	2.68	4.34	
FRI	27	35	0.10	0.08255	0.0020																		1.34	3.10	
SAT	28	33	0.00	0.06373	0.0020																				
TOTAL				12.46	2.38230	0.05650																4100	0.39	10.05	6.20
MAXIMUM				55	2.60	0.11756	0.00300	14.9	6.7	7.1	122	83	193	131	14.9	6.1	4.5	7.0	4.8	18.8	12.8	4100	0.00	0.67	2.38
MINIMUM				33	0.00	0.06373	0.00100	12.8	6.2	6.5	122	83	193	131	14.9	6.4	4.5	7.0	4.8	18.8	12.8	41.6	0.06	4.69	4.76
AVERAGE				44.3	0.45	0.08508	0.00202	13.9	6.4	6.8	122	83	193	131	14.9	6.4	4.5	7.0	4.8	18.8	12.8	41.6	0.06	4.69	4.76

NO. OF ANALYSIS 28

COMMENTS:

*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
*SEE ENCLOSED LETTER FOR VIOLATION ON 10-4-2006

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD mg/L	TSS lbs	CHLORINE mg/L	COLIFORM Geo. Mean		
1	0.08658	18.8	12.8	7.0	4.8	0.00	4.79
2	0.08499					0.10	6.03
3	0.08305					0.13	6.13
4	0.08570					0.00	1.82
MAX	0.08658	18.8	12.80	7.0	4.8	0.13	6.13

% REMOVAL	
B.O.D.	90.3
S.S.	94.3