

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			

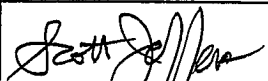
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 12/3/2006	To: 12/30/2006

**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)	Results	4.1			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	N/A	report			
Biochemical Oxygen Demand (influent)	Results		322	322	322	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Results		5.8	5.8	5.8	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent)	Results		9.8	9.8	9.8	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent)	Results	6.2			6.8	12	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent)	Results		272	272	272	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent)	Results		4.7	4.7	4.7	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent)	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)	Results		20.0	20.0	20.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent)	Results		0.0672	0.0767	0.1006	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent)	Results		0.01	0.02	0.03	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal	Results	97.0				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal	Results	97.1				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	 1/3/07 DATE (907) 586-0393 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

December 2006

EPA REPORT

DAY		WEATHER		FLOWS		INFLUENT					EFFLUENT					MISCELLANEOUS							
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 <sub>2</sub> RESIDUAL mg/L	Cl <sub>2</sub> USED LBS	Na <sub>2</sub> SO <sub>3</sub> USED LBS	
SUN	3	35	0.25	0.05734	0.0025																	2.68	3.72
MON	4	35	0.22	0.06069	0.0025							6.8									0.00	4.02	4.96
TUE	5	35	0.22	0.07108	0.0025			272	161.2	322	190.9				8.0	4.7	9.8	5.8		0.01	4.69	4.96	
WED	6	39	0.79	0.09596	0.0020	10.5	7.0	6.2				12.1	6.5	4.1					20.0		2.01	4.03	
THU	7	38	0.62	0.09447	0.0025																4.02	5.58	
FRI	8	39	0.07	0.08218	0.0025								6.5								0.00	4.69	5.89
SAT	9	32	0.21	0.07500	0.0025																	3.35	3.41
SUN	10	34	0.02	0.07571	0.0025																	4.02	4.03
MON	11	35	0.16	0.07553	0.0025								6.5								0.01	6.03	4.96
TUE	12	34	0.01	0.10061	0.0025																	6.70	4.65
WED	13	32	0.00	0.05616	0.0015								6.7								0.03	6.70	6.20
THU	14	34	0.07	0.05511	0.0030																	4.02	2.48
FRI	15	27	0.04	0.06065	0.0020								6.6								0.02	2.48	6.70
SAT	16	29	0.03	0.05687	0.0025																	1.34	3.72
SUN	17	35	0.26	0.06973	0.0030																	6.70	3.72
MON	18	37	0.20	0.05889	0.0030								6.4								0.00	2.01	3.72
TUE	19	38	0.46	0.07068	0.0050																	5.36	4.65
WED	20	37	0.72	0.06454	0.0040								6.3								0.00	2.01	4.65
THU	21	35	0.45	0.05492	0.0025																	1.34	4.03
FRI	22	35	0.10	0.06145	0.0025								6.4								0.01	1.34	4.34
SAT	23	35	0.26	0.05655	0.0025																	3.35	2.48
SUN	24	37	0.00	0.06157	0.0015																	3.35	3.41
MON	25	37	0.73	0.05816	0.0015								6.5								0.00	2.68	4.03
TUE	26	34	0.04	0.05632	0.0025																	2.01	2.79
WED	27	33	0.00	0.04717	0.0020								6.4								0.00	3.35	4.65
THU	28	35	0.47	0.06737	0.0020																	1.34	2.79
FRI	29	39	0.61	0.06961	0.0025								6.2								0.01	1.34	3.72
SAT	30	37	0.43	0.06757	0.0015																	1.34	2.79
TOTAL			7.44	1.88189	0.06950																	94.27	117.06
MAXIMUM		39	0.79	0.10061	0.00500	10.5	7.0	6.2	272	161	322	191	12.1	6.8	4.1	8.0	4.7	9.8	5.8	20.0	0.03	6.70	6.70
MINIMUM		27	0.00	0.04717	0.00150	10.5	7.0	6.2	272	161	322	191	12.1	6.2	4.1	8.0	4.7	9.8	5.8	20.0	0.00	1.34	2.48
AVERAGE		35.1	0.27	0.06721	0.00248	10.5	7.0	6.2	272	161	322	191	12.1	6.5	4.1	8.0	4.7	9.8	5.8	20.0	0.01	3.37	4.18

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	0.07667	9.8	5.8	8.0	4.7	0.00	3.6
2	0.06866					0.02	4.5
3	0.06239					0.00	3.2
4	0.06111					0.00	2.2
MAX	0.07667	9.8	5.80	8.0	4.7	0.02	4.5

% REMOVAL	
B.O.D.	97.0
S.S.	97.1