

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			

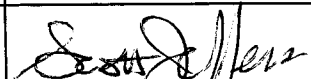
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 11/30/2008	To: 12/27/2008

**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	4.7			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	N/A	report			
Biochemical Oxygen Demand (influent)	Results		153	153	153	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Results		7.2	7.2	7.2	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent)	Results		13.4	13.4	13.4	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent)	Results	6.4			6.7	12	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent)	Results		150	150	150	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent)	Results		2.7	2.7	2.7	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent)	Results		5.0	5.0	5.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent)	Results		95.0	95.0	95.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent)	Results		0.0604	0.0741	0.0902	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent)	Results		0.10	N/A	0.87	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal	Results	91.2				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal	Results	96.7				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		1/6/09	(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

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

DAY	DATE	WEATHER			FLOWS			INFLUENT					EFFLUENT					Chlorine Residual mg/L					
		TEMP °F	RAIN INCHES	FALL INCHES	INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	pH	DO mg/L	SS mg/L	BOD mg/L	BOD LBS	TEMP °C	pH	DO mg/L	SS mg/L	SS LBS		BOD mg/L	BOD LBS	FECAL COLIFORM /100 ml		
SUN	30	36	0.26	0.00	0.07441	0.0030																	
MON	1	30	0.00	0.00	0.06582	0.0025																	0.1
TUE	2	24	0.00	0.00	0.06628	0.0035																	
WED	3	26	0.05	0.00	0.06471	0.0035	9.5	6.9	6.7	150	81	153	83	10.8	6.4	4.7	5.0	2.7	13.4	7.2	95.0		
THU	4	35	0.86	0.00	0.07338	0.0035																	
FRI	5	34	0.13	0.00	0.07055	0.0030																	
SAT	6	36	0.56	0.00	0.08385	0.0030																	
SUN	7	37	0.22	0.00	0.07482	0.0030																	
MON	8	35	0.70	0.00	0.06745	0.0030																	
TUE	9	35	0.33	0.00	0.09024	0.0035																	
WED	10	37	0.08	0.00	0.08345	0.0035																	
THU	11	34	0.19	0.00	0.07096	0.0035																	
FRI	12	25	0.00	0.00	0.06851	0.0035																	
SAT	13	22	0.00	0.00	0.06340	0.0025																	
SUN	14	18	0.00	0.00	0.05878	0.0035																	
MON	15	19	0.00	0.00	0.05927	0.0030																	
TUE	16	21	0.01	0.00	0.05601	0.0035																	
WED	17	15	0.00	0.00	0.05448	0.0035																	
THU	18	13	0.00	0.00	0.05099	0.0035																	
FRI	19	9	0.00	0.00	0.04997	0.0035																	
SAT	20	7	0.00	0.00	0.04560	0.0015																	
SUN	21	16	0.00	0.00	0.04720	0.0010																	
MON	22	12	0.00	0.00	0.04921	0.0020																	
TUE	23	24	0.12	0.00	0.03536	0.0028																	
WED	24	18	0.01	0.00	0.04203	0.0030																	
THU	25	15	0.04	0.00	0.03966	0.0015																	
FRI	26	28	0.37	0.00	0.04284	0.0030																	
SAT	27	26	0.21	0.00	0.04120	0.0020																	
TOTAL					1.69043	0.08175																	
MAXIMUM		37	0.86	0.00	0.09024	0.00350	9.5	6.9	6.7	150	81	153	83	10.8	6.7	4.7	5.0	2.7	13.4	7.2	95.0		
MINIMUM		7	0.00	0.00	0.03536	0.00100	9.5	6.9	6.7	150	81	153	83	10.8	6.4	4.7	5.0	2.7	13.4	7.2	95.0		
AVERAGE		24.2	0.15	0.06037	0.00292	9.5	6.9	6.7	150	81	153	83	10.8	6.4	4.7	5.0	2.7	13.4	7.2	95.0			

NO. OF ANALYSIS: 28  
COMMENTS: \*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD mg/l	TSS mg/l	CHLORINE mg/l	COLIFORM Geom Mean	BOD lbs	CHLORINE lbs
1	0.07129	13.4	5.0	0.05	95.0	7.2	2.01
2	0.07412			0.01			2.30
3	0.05359			0.33			2.20
4	0.04250			0.01			1.24
MAX	0.07412	13.4	5.0	0.33	95.0	7.23	2.30