

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: 3/2/2008	To: 3/29/2008

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) 00300 1	Results	4.1			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		171	171	171	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		9.9	9.9	9.9	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		15.6	15.6	15.6	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	6.6			6.8	12	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		100	100	100	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		4.4	4.4	4.4	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		7.0	7.0	7.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		3.2	3.2	3.2	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0678	0.0780	0.0867	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.03	0.08	0.21	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	90.9				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	93.0				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	 DATE: 4/7/08 TELEPHONE: (907) 586-0393

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)

CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

March 2008

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 /100ml	CL RESIDUAL mg/L	CL USED LBS	Na2SO3 USED LBS
SUN	2	38	0.24	0.08672	0.0025																	2.68	2.48
MON	3	39	0.01	0.07290	0.0060								6.7								0.01	2.68	4.34
TUE	4	37	0.00	0.07269	0.0030																	2.01	3.72
WED	5	36	0.30	0.07582	0.0030	10.7	7.2	7.3	100	63	171	108	9.4	6.7	4.1	7.0	4	15.6	10	3.2	0.00	2.68	5.27
THU	6	39	0.66	0.08197	0.0030																	3.35	3.72
FRI	7	40	0.31	0.08244	0.0030								6.8								0.00	3.35	4.65
SAT	8	40	0.03	0.07361	0.0013																	3.35	2.79
SUN	9	39	0.16	0.07295	0.0055																	2.68	3.10
MON	10	35	0.13	0.08249	0.0060								6.7								0.03	3.35	2.79
TUE	11	34	0.38	0.06388	0.0040																	2.68	3.10
WED	12	35	0.00	0.06259	0.0010								6.7								0.01	2.68	2.48
THU	13	33	0.01	0.06340	0.0015																	2.07	3.10
FRI	14	32	0.01	0.06393	0.0030								6.6								0.21	2.68	3.72
SAT	15	27	0.00	0.05490	0.0025																	3.35	1.55
SUN	16	34	0.16	0.05715	0.0030																	2.68	2.17
MON	17	37	0.14	0.06124	0.0060								6.7								0.00	4.02	2.48
TUE	18	38	0.11	0.05770	0.0050																	2.01	3.41
WED	19	35	0.64	0.06528	0.0040								6.6								0.00	0.67	3.10
THU	20	35	0.00	0.05628	0.0060																	1.34	2.79
FRI	21	35	0.03	0.06007	0.0030								6.6								0.01	1.34	3.10
SAT	22	38	0.27	0.07491	0.0025																	1.34	1.55
SUN	23	36	0.32	0.06384	0.0025																	0.67	3.10
MON	24	37	0.00	0.06978	0.0030								6.7								0.00	0.67	2.48
TUE	25	35	0.00	0.06729	0.0030																	0.67	4.03
WED	26	35	0.00	0.06285	0.0070								6.6								0.01	1.34	3.10
THU	27	33	0.00	0.06138	0.0040																	1.34	3.41
FRI	28	35	0.00	0.06611	0.0060								6.7								0.13	2.01	3.72
SAT	29	33	0.00	0.06378	0.0025																	3.35	2.79
TOTAL			3.91	1.89795	0.10275																	63.04	88.04
MAXIMUM		40	0.66	0.08672	0.00700	10.7	7.2	7.3	100	63	171	108	9.4	6.8	4.1	7.0	4.4	15.6	9.9	3.2	0.21	4.02	5.27
MINIMUM		27	0.00	0.05490	0.00100	10.7	7.2	7.3	100	63	171	108	9.4	6.6	4.1	7.0	4.4	15.6	9.9	3.2	0.00	0.67	1.55
AVERAGE		35.7	0.14	0.06778	0.00367	10.7	7.2	7.3	100	63	171	108	9.4	6.7	4.1	7.0	4.4	15.6	9.9	3.2	0.03	2.25	3.14

NO. OF ANALYSIS

28

1

1

1

1

12

1

1

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12

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	0.07802	15.6	9.9	7.0	4.4	0.00	2.9
2	0.06631					0.08	2.8
3	0.06180					0.00	1.9
4	0.06500					0.05	1.4
MAX	0.07802	15.6	9.86	7.0	4.4	0.08	2.9

% REMOVAL	
B.O.D.	90.9
S.S.	93.0