

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			

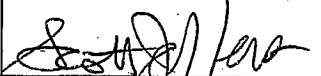
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 3/4/2007	To: 3/31/2007

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	3.2			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		348	348	348	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		8.5	8.5	8.5	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		17.5	17.5	17.5	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		248	248	248	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		9.7	9.7	9.7	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		20.0	20.0	20.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		22.0	22.0	22.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0584	0.0625	0.0748	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.06	0.12	0.24	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	95.0				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	91.9				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	 DATE 4/3/07 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

March 2007

EPA REPORT

EPA REPORT		WEATHER		FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS						
DAY	DATE	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	4	16	0.39	0.06321	0.0030																	0.14	2.01	2.48
MON	5	21	0.49	0.05003	0.0030								6.6			20.0	10	17.5	9				2.01	1.86
TUE	6	32	0.59	0.05812	0.0030				248	121	348	170	10.1	6.7	3.2					22.0		0.21	2.01	2.48
WED	7	36	0.23	0.06117	0.0015																		2.01	1.86
THU	8	35	0.20	0.05942	0.0020									6.7								0.00	2.68	1.86
FRI	9	31	0.13	0.06231	0.0020																		0.67	1.86
SAT	10	32	0.07	0.05224	0.0030																		2.01	2.17
SUN	11	32	0.08	0.05800	0.0030									6.8								0.02	1.34	3.41
MON	12	33	0.08	0.05285	0.0030																		2.68	1.55
TUE	13	27	0.02	0.05973	0.0030									6.7								0.02	2.68	2.79
WED	14	29	0.14	0.04513	0.0030																		2.01	0.93
THU	15	29	0.10	0.04681	0.0030									6.8								0.03	2.01	2.48
FRI	16	28	0.27	0.05170	0.0060																		1.34	1.55
SAT	17	26	0.12	0.05851	0.0030																		1.34	2.79
SUN	18	28	0.00	0.05777	0.0030									6.6								0.02	2.68	3.10
MON	19	25	0.00	0.05750	0.0015																		2.01	3.10
TUE	20	25	0.04	0.05442	0.0030									6.7								0.00	2.01	3.72
WED	21	35	0.42	0.06237	0.0030																		2.01	3.72
THU	22	37	0.09	0.06896	0.0045									6.7								0.00	2.68	4.65
FRI	23	38	0.18	0.07480	0.0045																		2.01	2.79
SAT	24	36	0.01	0.06173	0.0030																		2.01	3.72
SUN	25	34	0.12	0.05825	0.0030									6.7								0.04	2.68	4.34
MON	26	33	0.03	0.06494	0.0030																		2.01	3.72
TUE	27	33	0.00	0.05595	0.0030									6.7								0.24	2.01	3.72
WED	28	37	0.10	0.06368	0.0030																		2.01	3.10
THU	29	33	0.02	0.05191	0.0015									6.8								0.01	2.68	3.10
FRI	30	30	0.00	0.06132	0.0030																		1.34	1.24
SAT	31	31	0.00	0.06257	0.0030																			
TOTAL				3.92	1.63540	0.08350								10.1	6.8	3.2	20	10	18	9	22	0.24	2.68	4.65
MAXIMUM				38	0.59	0.07480	0.00600	0.0	0.0	248	121	348	170	10.1	6.6	3.2	20	10	18	9	22	0.00	0.67	0.93
MINIMUM				16	0.00	0.04513	0.00150	0.0	0.0	248	121	348	170	10.1	6.7	3.2	20	10	18	9	22	0.06	2.03	2.73
AVERAGE				30.8	0.14	0.05841	0.00298	#DIV/0!	#DIV/0!	248	121	348	170	10.1	6.7	3.2	20	10	18	9	22			

NO. OF ANALYSIS 28

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	lbs	Geo. Mean
1	0.05807	17.5	8.5	20.0	9.7	0.12	1.9	22.0
2	0.05325					0.02	2.0	
3	0.06251					0.01	2.1	
4	0.05980					0.10	2.1	
MAX	0.06251	17.5	8.52	20.0	9.7	0.12	2.1	22.0

% REMOVAL	
B.O.D.	95.0
S.S.	91.9