

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			

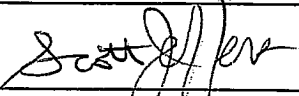
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/W/W Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 4/29/2007	To: 6/2/2007

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	3.7			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		164	164	164	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		3.8	3.8	3.8	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		7.3	7.3	7.3	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.6			6.9	15	0	Std. Units	3/week	Grab
		Limits	6.0	N/A	N/A	9.0	report	report			
Total Suspended Solids (influent)	00530 G	Results		210	210	210	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		2.1	2.1	2.1	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		4.0	4.0	4.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		2	2	2	1	0	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.0615	0.0676	0.0893	35	0	mgd	Daily 5/week	Measured/ recorded
		Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent)	50060 1	Results		0.01		0.03	15	0	mg/l	3/week	Grab
		Limits	N/A	0.50	N/A	1.0	report	report			
Biochemical Oxygen Demand % removal	81010 K	Results	95.5					0	%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal	81011 K	Results	98.1					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		6/7/07 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

May 2007

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 ₂ USED LBS	
SUN	29	41	0.10	0.06677	0.0030																	1.34	3.72	
MON	30	41	0.09	0.07200	0.0015								6.7								0.00	1.34	4.34	
TUE	1	43	0.00	0.06620	0.0015				210	108	164	84				4.0	2.1	7.3	3.8			2.01	4.96	
WED	2	48	0.00	0.06530	0.0015								10.7	6.9	3.7					2	0.03	2.01	3.72	
THU	3	41	0.01	0.07071	0.0015																	2.01	3.72	
FRI	4	44	0.01	0.06445	0.0030								6.6								0.02	2.01	5.89	
SAT	5	44	0.13	0.06276	0.0030																	1.34	2.79	
SUN	6	41	0.98	0.08500	0.0030																	1.34	3.72	
MON	7	43	0.14	0.05082	0.0013								6.9								0.01	1.34	5.58	
TUE	8	41	0.01	0.04978	0.0013																	1.34	2.79	
WED	9	44	0.01	0.06922	0.0015								6.8								0.00	2.01	3.72	
THU	10	44	0.06	0.04955	0.0015																	4.96	1.34	
FRI	11	44	0.29	0.08266	0.0015								6.6								0.01	1.34	3.10	
SAT	12	45	0.06	0.04048	0.0015																	0.67	4.34	
SUN	13	44	0.04	0.06711	0.0015																	0.67	3.10	
MON	14	48	0.15	0.04828	0.0015								6.7								0.00	1.24	4.34	
TUE	15	49	0.00	0.03836	0.0015																	2.01	3.72	
WED	16	44	0.34	0.06221	0.0015								6.7								0.00	1.34	2.48	
THU	17	43	0.15	0.06192	0.0025																	2.01	3.10	
FRI	18	46	0.00	0.06155	0.0015								6.7								0.01	0.67	4.34	
SAT	19	51	0.00	0.05540	0.0015																	1.34	1.86	
SUN	20	51	0.00	0.05435	0.0015																	2.01	2.48	
MON	21	48	0.00	0.05069	0.0030								6.7								0.03	2.68	3.10	
TUE	22	51	0.00	0.08934	0.0030																	2.01	2.48	
WED	23	56	0.00	0.06047	0.0015								6.6								0.02	2.01	3.10	
THU	24	55	0.00	0.05373	0.0020																	2.01	3.10	
FRI	25	53	0.12	0.06181	0.0020								6.8								0.00	1.34	3.10	
SAT	26	48	0.72	0.06706	0.0015																	1.34	1.86	
SUN	27	47	0.14	0.05793	0.0015																	1.34	3.41	
MON	28	49	0.10	0.06062	0.0030								6.7								0.02	2.01	3.10	
TUE	29	49	0.74	0.06773	0.0030																	1.34	2.48	
WED	30	50	0.50	0.06346	0.0030								6.9								0.01	2.01	3.10	
THU	31	51	0.00	0.05995	0.0030																	2.01	2.48	
FRI	1	57	0.00	0.05837	0.0030								6.8								0.01	1.34	2.48	
SAT	2	51	0.00	0.05601	0.0020																	4.02	1.86	
TOTAL			4.89	2.15205	0.0710																		61.81	114.80
MAXIMUM		57	0.98	0.08934	0.0030				210	108	164	84	10.7	6.9	3.7	4.0	2.1	7.3	3.8	2.0	0.03	4.96	5.89	
MINIMUM		41	4.89	0.03836	0.0013				210	108	164	84	10.7	6.6	3.7	4.0	2.1	7.3	3.8	2.0	0.00	0.67	1.34	
AVERAGE		47	0.14	0.06149	0.0020				210	108	164	84	10.7	6.7	3.7	4.0	2.1	7.3	3.8	2.0	0.01	1.77	3.28	

35

1

1

1

1

15

1

1

1

1

1

1

1

15

COMMENTS:

- *GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
- *SEE ENCLOSED VIOLATION LETTER

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD		TSS		COLIFORM	
		mg/l	lbs	mg/l	lbs	Geo. Mean	
1	0.06757	7.3	3.8	4.0	2.1	0.02	1.72
2	0.06254					0.01	1.86
3	0.05640					0.00	1.33
4	0.06249					0.02	1.91
5	0.06058					0.01	2.01
MAX	0.06757	7.3	3.8	4.0	2.1	0.02	2.01

%REMOVAL	
B.O.D.	95.5
S.S.	98.1