

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			

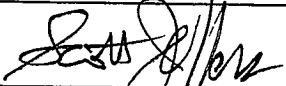
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 4/30/2006	To: 6/3/2006

**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) 00300 1	Results	3.7			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		190	190	190	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 1	Results		12.5	12.5	12.5	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent) 00310 1	Results		24.7	24.7	24.7	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	6.4			6.7	15	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		132	132	132	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 1	Results		9.1	9.1	9.1	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent) 00530 1	Results		18.0	18.0	18.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		104	104	2030	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0606	0.0703	0.0854	35	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.03		0.15	15	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results		87.0			0	%	1/month	Calculated
	Limits		85%	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results		93.1			0	%	1/month	Calculated
	Limits		85%	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 Scott Jeffers WW Superintendent	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	DATE 6/7/06	TELEPHONE (907) 586-0393
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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

May 2006

DAY	DATE	WEATHER		FLOWS		INFLUENT					EFFLUENT					MISCELLANEOUS							
		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 <sub>2</sub> RESIDUAL mg/L	Cl <sub>2</sub> USED LBS	Na <sub>2</sub> SO <sub>2</sub> USED LBS
SUN	30	37	0.55	0.06745	0.0015																	1.34	2.79
MON	1	44	0.12	0.07689	0.0020							6.5									0.00	1.34	1.24
TUE	2	40	0.19	0.06157	0.0025				132	67	190	96			18.0	9.1	24.7	12.5				2.68	3.72
WED	3	42	1.09	0.06749	0.0025								6.5	3.7					2030	0.00		1.34	3.72
THU	4	45	0.69	0.08018	0.0025								6.4						4.0	0.01		2.68	1.24
FRI	5	43	0.28	0.07171	0.0025								6.4									2.68	1.24
SAT	6	44	0.21	0.06711	0.0030																	2.68	5.27
SUN	7	42	0.64	0.05993	0.0030																	2.01	1.24
MON	8	41	0.15	0.06896	0.0025								6.4									3.35	3.10
TUE	9	42	0.04	0.05602	0.0030								6.4						140	0.01		2.68	3.72
WED	10	42	0.06	0.06001	0.0050								6.5									8.04	2.48
THU	11	44	0.17	0.07091	0.0015															0.12		6.70	3.10
FRI	12	44	0.03	0.04050	0.0015								6.7							0.06		6.70	4.34
SAT	13	44	0.00	0.04899	0.0025																	2.68	2.17
SUN	14	45	0.00	0.05377	0.0025																	4.02	2.17
MON	15	45	0.00	0.05548	0.0015								6.6							0.02		4.02	2.79
TUE	16	45	0.25	0.05175	0.0015								6.6									4.02	3.10
WED	17	48	0.09	0.07364	0.0010								6.6							0.05		4.02	3.10
THU	18	49	0.10	0.06870	0.0010								6.6									4.69	3.72
FRI	19	51	0.04	0.06529	0.0010								6.6							0.04		6.70	3.72
SAT	20	49	0.00	0.05944	0.0015																	2.68	3.10
SUN	21	52	0.00	0.05984	0.0015																	4.02	3.10
MON	22	57	0.00	0.05208	0.0020								6.6							0.00		4.02	4.34
TUE	23	51	0.04	0.04633	0.0020								6.6									4.69	4.03
WED	24	54	0.00	0.05214	0.0025								6.6							0.15		4.02	4.96
THU	25	56	0.00	0.05047	0.0025								6.5									3.35	3.72
FRI	26	60	0.00	0.06461	0.0020								6.5							0.00		2.01	2.48
SAT	27	58	0.00	0.04992	0.0020																	2.68	1.86
SUN	28	52	0.30	0.05337	0.0015								6.5							0.01		3.35	4.96
MON	29	54	0.03	0.05297	0.0020								6.5									4.02	3.10
TUE	30	54	0.00	0.05464	0.0025								6.5							0.01		4.02	4.96
WED	31	53	0.00	0.05421	0.0025								6.5							0.01		2.68	3.10
THU	1	55	0.00	0.04885	0.0025								6.5							0.00		4.02	4.34
FRI	2	56	0.92	0.08540	0.0025								6.5									4.02	3.72
SAT	3	42	1.09	0.07023	0.0010																	1.34	2.17
TOTAL			7.08	2.12085	0.0745																	131.32	114.39
MAXIMUM		60	1.09	0.08540	0.0050				132	67	190	96	6.7	3.7	18.0	9.1	24.7	12.5	2030.0	0.15		8.71	5.27
MINIMUM		37	0.00	0.04050	0.0010				132	67	190	96	6.4	3.7	18.0	9.1	24.7	12.5	4.0	0.00		1.34	1.24
AVERAGE		48	0.20	0.06060	0.0021				132	67	190	96	6.5	3.7	18.0	9.1	24.7	12.5	104.4	0.03		3.75	3.27

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	0.07034	24.7	12.5	18.0	9.1	0.00	2.01
2	0.05790					0.06	5.55
3	0.06115					0.04	4.31
4	0.05363					0.05	3.54
5	0.05995					0.01	3.35
MAX	0.07034	24.7	12.5	18.0	9.1	0.06	5.55

%REMOVAL	
B.O.D.	87.0
S.S.	93.1