

Permit number: AKG-57-1000-013	Expires: July 20, 2009	Submit this report to:	ADEC and EPA to the addresses on Part D, 11 of the NPDES general permit.
ADEC File number: 1513.45.009			

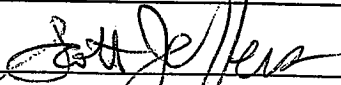
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, Juneau	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 7/31/2005	To: 9/3/2005

Parameter	Min. Value	30 day Average	7 day Average	Max. Value	Number of Analyses	Number of Violations	Units	Frequency of Analysis	Sample Method
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Discharge 1										
Flow Rate (effluent or influent)	Estmt'd/ Measure		0.0727		0.1027	35	0	mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		329	329	329	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		18.7	18.7	18.7	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		11.3	11.3	11.3	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand % removal	Analytical Results	94					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		188	188	188	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		6.2	6.2	6.2	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		3.8	3.8	3.8	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids % removal	Analytical Results	98					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		106		106	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.4				6	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.2			6.7	15	0	Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.01		0.07	15	0	mg/l	3/week	Grab
	Permit Limits	N/A	0.5	N/A	1	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 Utilities Superintendent		9/8/2005	(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
AUKU BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska**

August 2005

DAY	DATE	TEMP °F	WEATHER		FLOWS								INFLUENT								EFFLUENT				MISCELLANEOUS	
			RAIN 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	FEED /100 ml	RESIDUAL mg/L	CHLORINE USED LBS	Na2S2O2 USED LBS			
SUN	31	55	0.05	0.06679	0.00300																					
MON	1	53	0.00	0.08140	0.00300	17.6	6.9	4.8																		
TUE	2	58	0.00	0.08211	0.00300																					
WED	3	55	0.55	0.06428	0.00300	15.7	6.6	5.6	188	114	329	199	17.1	6.2	2.7	6	4	19	11	106	0.00	4.69	6.20	8.68		
THU	4	55	0.54	0.08838	0.00300																					
FRI	5	55	0.35	0.08382	0.00250																					
SAT	6	59	0.00	0.07741	0.00250																					
SUN	7	59	0.00	0.06112	0.00200																					
MON	8	60	0.00	0.07993	0.00250																					
TUE	9	65	0.00	0.06741	0.00200																					
WED	10	64	0.00	0.05697	0.00200																					
THU	11	66	0.00	0.07525	0.00200																					
FRI	12	66	0.00	0.03327	0.00200																					
SAT	13	65	0.00	0.04749	0.00200																					
SUN	14	63	0.00	0.06002	0.00250																					
MON	15	57	0.01	0.07474	0.00250	14.2	6.8	5.2																		
TUE	16	60	0.00	0.05460	0.00250																					
WED	17	60	0.02	0.04162	0.00250																					
THU	18	57	0.56	0.07079	0.00100																					
FRI	19	56	0.78	0.09328	0.00200																					
SAT	20	54	0.23	0.06779	0.00300																					
SUN	21	56	0.41	0.06799	0.00250																					
MON	22	53	0.20	0.07065	0.00300																					
TUE	23	55	0.00	0.08001	0.00300																					
WED	24	56	0.22	0.06439	0.00300																					
THU	25	54	1.13	0.10060	0.00300																					
FRI	26	53	0.09	0.06262	0.00200																					
SAT	27	54	0.00	0.06437	0.00250																					
SUN	28	55	0.00	0.06959	0.00250																					
MON	29	50	0.69	0.06308	0.00300																					
TUE	30	53	0.54	0.09133	0.00300																					
WED	31	51	0.26	0.09112	0.00300																					
THU	1	51	0.16	0.10274	0.00200																					
FRI	2	53	0.00	0.09765	0.00150																					
SAT	3	55	0.00	0.07081	0.00150																					
TOTAL				2.54436	0.08600																					
MAXIMUM	68	0.41	0.10274	0.00300	17.6	6.9	5.6	188	114	329	199	17.4	6.7	3.2	6.2	3.8	18.7	11.3	106	0.07	7.37	8.99				
MINIMUM	46	0.00	0.03327	0.00100	14.2	4.8	4.8	188	114	329	199	16.5	6.2	2.4	6.2	3.8	18.7	11.3	106	0.00	0.67	2.17				
AVERAGE	57.9	0.00	0.07270	0.00246	15.8	6.8	5.2	188	114	329	199	16.9	6.4	2.8	6.2	3.8	18.7	11.3	106	0.01	3.10	5.71				
NO. OF ANALYSIS	35																									

COMMENTS:
*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
*SEE ENCLOSED VIOLATION LETTERS

WEEK	BOD	CHLORINE	COLIFORM	WEEKLY AVERAGE				Geo. Mean
				mg/l	lbs	mg/l	lbs	
1	18.7	11.3	6.2	3.8	0.00	3.64	106	
2					0.02	2.49		
3					0.00	1.82		
4					0.03	3.16		
5					0.01	4.40		
MAX	18.7	11.3	6.2	3.8	0.03	4.40	106	

% REMOVAL	
B.O.D.	94
S.S.	98