

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

		Sample Period	
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	From:	5/29/2005
		To:	7/2/2005

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		0.06248		0.09077	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		164	164	164	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		17.6	17.6	17.6	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		9.2	9.2	9.2	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	89.3					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		156	156	156	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		7.9	7.9	7.9	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		4.1	4.1	4.1	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	97.4					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		70		70	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.1				5	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.3			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		0.05		0.61	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 Superintendent	 7/5/05 907-586-0393
	DATE TELEPHONE

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

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

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

June 2005

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	29	56	0.21	0.04740	0.00250																			
MON	30	50	0.11	0.05013	0.00200	15.3	7.3	4.5														2.68	3.72	
TUE	31	51	0.00	0.06377	0.00200							6.7									0.00	2.01	3.72	
WED	1	54	0.00	0.04887	0.00200	15.2	7.2	4.1														2.68	4.34	
THU	2	53	0.00	0.05385	0.00200							6.3									0.61	2.68	4.03	
FRI	3	53	0.90	0.06215	0.00000	15.2	7.5	3.4														2.68	3.72	
SAT	4	49	0.00	0.06270	0.00200							6.6									0.00	2.01	2.48	
SUN	5	53	0.00	0.05438	0.00200																	1.34	3.10	
MON	6	59	0.00	0.05022	0.00175	15.1	7.0	6.0														2.01	1.86	
TUE	7	58	0.00	0.07602	0.00200							6.6									0.00	2.01	2.48	
WED	8	60	0.00	0.03909	0.00200																	2.01	2.48	
THU	9	61	0.00	0.05640	0.00200				156	81	164	85	15.9	6.7	2.1	7.9	4.1	17.6	9.2	70	0.01	2.01	4.34	
FRI	10	58	0.00	0.08010	0.00200																	2.68	3.10	
SAT	11	56	0.00	0.04978	0.00200							6.6									0.00	4.02	5.89	
SUN	12	55	0.12	0.05578	0.00200																	4.02	4.34	
MON	13	58	0.04	0.05627	0.00200	15.1	7.2	6.3														0.67	4.96	
TUE	14	53	0.02	0.05817	0.00300							16.2	6.5	2.7							0.01	0.67	6.20	
WED	15	52	0.16	0.06161	0.00300	15.1	7.0	6.7														1.34	6.20	
THU	16	57	0.00	0.06225	0.00150							16.0	6.3								0.00	1.34	6.20	
FRI	17	63	0.00	0.08330	0.00200	16.2	7.5															2.01	6.51	
SAT	18	63	0.00	0.04689	0.00200							15.7	6.4								0.00	2.01	6.82	
SUN	19	57	0.06	0.04510	0.00200																	4.02	3.41	
MON	20	53	0.38	0.07263	0.00300	16.7	7.1	4.7														3.35	3.41	
TUE	21	50	0.50	0.05729	0.00200							16.5	6.2								0.00	1.34	6.82	
WED	22	53	0.00	0.06742	0.00200	16.9	6.1	1.1														2.01	5.89	
THU	23	53	0.00	0.07096	0.00200							15.9	6.2	2.8							0.00	1.34	4.34	
FRI	24	57	0.00	0.07810	0.00250																	2.01	4.65	
SAT	25	59	0.00	0.08512	0.00200							17.2	6.2								0.07	6.03	3.72	
SUN	26	60	0.00	0.04579	0.00150																	2.88	2.48	
MON	27	61	0.09	0.09077	0.00200	12.8	7.3	5.9														3.35	5.58	
TUE	28	56	0.49	0.05094	0.00150							17.0	6.2	2.3							0.00	1.34	3.72	
WED	29	57	0.15	0.07386	0.00100	18.8	7.2	4.7														2.01	5.58	
THU	30	58	0.00	0.07620	0.00100							16.6	6.3	2.2							0.00	2.01	5.58	
FRI	1	55	0.39	0.07423	0.00150	16.9	7.2															7.37	4.96	
SAT	2	54	0.10	0.07931	0.00200							16.4	6.5								0.00	4.02	3.72	
TOTAL			1.37	2.18685	0.06775																0.00	4.02	3.72	
MAXIMUM		68	0.41	0.09077	0.00300	18.8	7.5	6.7	156	81	164	85	17.2	6.7	2.8	7.9	4.1	17.6	9.2	70		89.78	3.10	
MINIMUM		46	0.00	0.03909	0.00000	12.8	6.1	1.1	156	81	164	85	15.7	6.2	2.1	7.9	4.1	17.6	9.2	70	0.00	0.67	1.86	
AVERAGE		57.9	0.00	0.06248	0.00194	15.8	7.1	4.7	156	81	164	85	16.3	6.4	2.4	7.9	4.1	17.6	9.2	70	0.05	2.57	4.40	

COMMENTS:

\*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES

WEEK	WEEKLY AVERAGE						WEEKLY COLIFORM Geo. Mean
	BOD		TSS		CHLORINE		
	mg/l	lbs	mg/l	lbs	mg/l	lbs	
1	17.6	9.2	7.9	4.1	0.20	2.30	70
2					0.00	2.68	
3					0.00	1.72	
4					0.02	2.68	
5					0.00	3.45	
MAX	17.6	9.2	7.9	4.1	0.20	3.45	70

% REMOVAL	
B.O.D.	89
S.S.	97