

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: 7/3/2005	To: 7/30/2005

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		0.07357		0.09502	28		mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		147	147	147	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		19.2	19.2	19.2	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		11.8	11.8	11.8	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand % removal	Analytical Results	86.9						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		115	115	115	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		12	12	12	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		7.4	7.4	7.4	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids % removal	Analytical Results	89.6						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		2		2	1		#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.1				6		mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.1			7.1	12		Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.03		0.25	12		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		8/2/05	(907) 586-0393
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)	DATE	TELEPHONE	
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD			

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY

Juneau, Alaska

July 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 ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na ₂ SO ₃ USED LBS
SUN	3	58	0.26	0.08595	0.00250																		
MON	4	56	0.19	0.07478	0.00200	16.1	7.2	6.0														5.36	6.20
TUE	5	58	0.03	0.06719	0.00400								6.1								0.00	2.68	6.82
WED	6	60	0.02	0.08952	0.00250	15.7	7.4	3.7	115	71	147	90	15.9	6.7	3.0	12	7	19	12	2	0.25	8.04	8.37
THU	7	54	0.00	0.04753	0.00200																		
FRI	8	57	0.00	0.06792	0.00300	17.9	7.0	4.7														4.02	4.34
SAT	9	57	0.11	0.06841	0.00300								16.2	6.5	2.6						0.01	3.35	3.10
SUN	10	54	0.06	0.07423	0.00300																	5.36	5.58
MON	11	58	0.01	0.06999	0.00150	16.6	7.2	5.4														6.03	3.41
TUE	12	58	0.00	0.05603	0.00200								6.1									2.68	5.27
WED	13	55	0.09	0.06748	0.00250	16.7	7.1	4.4													0.00	0.67	6.20
THU	14	55	0.20	0.06953	0.00200								16.1	6.7	2.3						0.00	5.36	4.96
FRI	15	59	0.11	0.08133	0.00300	14.7	6.7	5.1														4.02	3.72
SAT	16	58	0.14	0.07175	0.00200								16.5	6.4	2.1							4.02	3.72
SUN	17	55	0.71	0.07493	0.00200																0.00	2.68	3.72
MON	18	56	0.09	0.08143	0.00250	16.5	7.7	5.7														2.68	4.34
TUE	19	58	0.00	0.07516	0.00250								16.7	7.1	2.4							3.35	6.82
WED	20	58	0.00	0.07688	0.00200	16.3	7.4														0.00	5.36	6.20
THU	21	54	0.64	0.09502	0.00250								16.7	6.5								6.70	6.82
FRI	22	59	0.00	0.05175	0.00000																0.00	4.02	6.51
SAT	23	57	0.00	0.06008	0.00200									6.6								4.02	6.20
SUN	24	60	0.00	0.07831	0.00200																0.04	4.02	6.20
MON	25	56	0.14	0.07387	0.00250	19.7	6.8	4.2														0.67	3.72
TUE	26	56	0.54	0.09151	0.00300								6.4									2.01	4.34
WED	27	57	1.14	0.08486	0.00250	15.7	6.9	5.8													0.00	2.01	6.82
THU	28	55	0.13	0.07616	0.00300								16.7	6.5	2.6							2.68	4.03
FRI	29	55	0.05	0.08458	0.00250																0.00	2.68	8.68
SAT	30	55	0.05	0.06395	0.00200								6.1									4.02	6.82
TOTAL			4.71	2.05993	0.06600																	2.68	2.79
MAXIMUM		60	1.14	0.09502	0.00400	19.7	7.7	6.0	115	71	147	90	16.7	7.1	3.0	12	7	19	12	2		103.85	
MINIMUM		54	0.00	0.04753	0.00000	14.7	6.7	3.7	115	71	147	90	15.9	6.1	2.1	12	7	19	12	2	0.25	8.04	8.68
AVERAGE		56.71429	0.17	0.07357	0.00236	16.6	7.1	5.0	115	71	147	90	16.4	6.5	2.5	12	7	19	12	2	0.00	0.67	2.79
NO. OF ANALYSIS					28				1	1	1	1			12	6	1	1	1	1		12	

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	19.2	11.8	12.0	7.4	0.0867	5.0	2.0
2					0.0000	3.2	
3					0.0133	4.0	
4					0.0000	2.7	
MAX	19.2	11.78	12	7	0.0867	5	2

%REMOVAL	
B.O.D.	87
S.S.	90