

Permit number: AK-G-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: 12/4/2005 To: 12/31/2005

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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Flow Rate (effluent or influent)	Estim't/ Measure	0.0661432		0.09374	28	0	mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report			
Biochemical Oxygen Demand (influent)	Analytical Results	495	495	495	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results	5.7	5.7	5.7	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report			
Biochemical Oxygen Demand (effluent)	Analytical Results	3.2	3.2	3.2	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand % removal	Analytical Results	98.8404				0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids (influent)	Analytical Results	435	435	435	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results	4	4	4	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report			
Total Suspended Solids (effluent)	Analytical Results	2.2	2.2	2.2	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report			
Total Suspended Solids % removal	Analytical Results	99.0805				0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report			
Fecal Coliform Bacteria (effluent)	Analytical Results	2		2	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report			
Dissolved Oxygen (effluent)	Analytical Results	2.1			2	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report			
pH (effluent)	Analytical Results	6.4			12	0	Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report			
Total Residual Chlorine (effluent)	Analytical Results	0.1		0.4	12	0	mg/l	3/week	Grab
	Permit Limits	N/A	0.5	N/A	1	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	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE	TELEPHONE
Scott Jeffers			Jan 6, 2006	(907) 586-0393
WW Utilities Superintendent				
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HEADS)				
CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD				

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

December 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	4	19	0.00	0.06555	0.00250																			
MON	5	18	0.00	0.06060	0.00250							12.6	6.8	2.7							0.03	4.02	3.10	
TUE	6	29	0.20	0.06470	0.00250																	6.70	4.96	
WED	7	37	0.54	0.07933	0.00250	13.9	7.2	6.2	435	240	495	273	12.5	6.7	2.1	4	2	6	3	2	0.33	4.02	3.72	
THU	8	39	1.80	0.09374	0.00250																	2.68	3.72	
FRI	9	40	0.44	0.08135	0.00250																	2.68	4.34	
SAT	10	39	0.02	0.07564	0.00300								6.5								0.02	4.02	6.51	
SUN	11	40	1.04	0.08287	0.00300																	2.01	2.48	
MON	12	38	0.41	0.08563	0.00250																	2.68	4.03	
TUE	13	35	0.00	0.07313	0.00250								12.6	6.6							0.24	5.36	4.34	
WED	14	36	0.31	0.08087	0.00250																	2.68	4.96	
THU	15	41	0.29	0.08341	0.00250								11.6	6.4							0.00	2.68	4.96	
FRI	16	40	0.00	0.07259	0.00250																	2.68	4.34	
SAT	17	34	0.00	0.05745	0.00300								6.4								0.00	4.02	5.89	
SUN	18	30	0.00	0.06255	0.00300																	1.34	1.24	
MON	19	26	0.00	0.06633	0.00250																	1.34	3.72	
TUE	20	32	0.31	0.05747	0.00200								6.5								0.02	2.68	4.96	
WED	21	44	0.36	0.05757	0.00200	8.8	7.1						11.3	6.5								2.01	4.34	
THU	22	42	0.04	0.06036	0.00200																0.41	1.34	3.10	
FRI	23	40	0.27	0.06383	0.00250																	2.01	4.96	
SAT	24	39	0.08	0.05971	0.00150								6.5								0.01	1.34	2.48	
SUN	25	37	0.17	0.04860	0.00150																	1.34	1.86	
MON	26	33	0.03	0.06280	0.00250	10.0	7.1	6.8					6.6									2.01	4.34	
TUE	27	35	0.17	0.06904	0.00200																0.00	2.01	4.34	
WED	28	40	0.03	0.03793	0.00300								6.5									7.37	2.82	
THU	29	40	0.03	0.04739	0.00250																0.34	2.01	3.72	
FRI	30	41	0.01	0.05538	0.00500																	2.01	3.72	
SAT	31	34	0.00	0.04619	0.00250								11.4	6.5							0.31	2.01	2.17	
TOTAL			6.55	1.85201	0.07100																			
MAXIMUM		44	1.80	0.09374	0.00500	13.9	7.2	6.8	435	240	495	273	12.6	6.8	2.7	4	2	6	3	2		78.39		
MINIMUM		18	0.00	0.03793	0.00150	8.8	7.1	6.2	435	240	495	273	11.3	6.4	2.1	4	2	6	3	2	0.41	7.37	6.51	
AVERAGE		35.64286	0.23	0.06614	0.00254	10.9	7.1	6.5	435	240	495	273	12.0	6.5	2.4	4	2	6	3	2	0.14	1.34	1.24	
NO. OF ANALYSIS				28					1	1	1	1	12	2	1	1	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	5.7	3.2	4.0	2.2	0.1267	3.7	2.0
2					0.0800	3.1	
3					0.1467	1.7	
4					0.2167	2.7	
MAX	5.7	3.17	4	2	0.2167	4	2

% REMOVAL	
B.O.D.	99
S.S.	99