

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: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 2/1/2009	To: 2/28/2009

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	4.8			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		171	171	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		5.7	5.7	1	0	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		13.8	13.8	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	6.2			12	0	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		320	320	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		1.7	1.7	1	0	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		4.0	4.0	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		1.0	1.0	1	0	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0658	0.0842	0.1527	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.22	0.25	0.63	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	91.9				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	98.8				0	%	1/month	Calculated
	Limits	85%	N/A	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 <i>Scott Jeffers</i> Deputy P.W. Director	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Scott Jeffers</i>	DATE 3/9/09	TELEPHONE (907) 586-0393
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

DAY	DATE	WEATHER		FLOWS		TEMP °C	pH	D.O. mg/L	INFLUENT			EFFLUENT			BOD mg/L	BOD LBS	FECAL COLIFORM /100 ml	Cl ₂ RESIDUAL mg/L					
		TEMP °F	RAIN INCHES	INFLUENT MGD	WASTE SLUDGE MGD				SS mg/L	SS LBS	BOD mg/L	BOD LBS	TEMP °C	pH					D.O. mg/L	SS mg/L	SS LBS	BOD mg/L	BOD LBS
SUN	1	36	0.18	0.07481	0.0035																		
MON	2	35	0.12	0.07582	0.0045																		
TUE	3	31	0.77	0.06805	0.0035																		
WED	4	28	0.05	0.04970	0.0035					320	133	171	71	9.4	6.5	4.8	4.0	1.7	13.8	5.7	1.0	0.29	
THU	5	29	0.00	0.07243	0.0045																		
FRI	6	32	1.04	0.09626	0.0045																		
SAT	7	36	1.04	0.15266	0.0045																		
SUN	8	32	0.37	0.06493	0.0000																		
MON	9	31	0.21	0.05897	0.0060																		
TUE	10	31	0.04	0.06295	0.0035																		
WED	11	23	0.02	0.06664	0.0025																		
THU	12	20	0.00	0.07007	0.0040																		
FRI	13	17	0.00	0.05641	0.0015																		
SAT	14	17	0.00	0.07879	0.0045									9.3	6.7								
SUN	15	20	0.01	0.04107	0.0040																		
MON	16	28	0.01	0.06137	0.0050																		
TUE	17	28	0.00	0.05700	0.0035																		
WED	18	27	0.00	0.05934	0.0040																		
THU	19	25	0.00	0.05734	0.0045																		
FRI	20	30	0.00	0.05967	0.0030																		
SAT	21	32	0.00	0.07395	0.0045																		
SUN	22	32	0.00	0.04627	0.0000																		
MON	23	27	0.00	0.05669	0.0050																		
TUE	24	25	0.00	0.05578	0.0035																		
WED	25	24	0.00	0.06198	0.0030																		
THU	26	20	0.02	0.05386	0.0060																		
FRI	27	24	0.01	0.05566	0.0045																		
SAT	28	22	0.00	0.05491	0.0045																		
TOTAL				3.89	1.84358	0.10550																	
MAXIMUM		36	1.04	0.15266	0.00600	0.0	0.0	0.0	0.0	320	133	171	71	9.4	6.7	4.8	4.0	1.7	13.8	5.7	1.0	0.63	
MINIMUM		17	0.00	0.04107	0.00000	0.0	0.0	0.0	0.0	320	133	171	71	8.5	6.2	4.8	4.0	1.7	13.8	5.7	1.0	0.00	
AVERAGE		27.0	0.14	0.06594	0.00377	0.0	0.0	0.0	0.0	320	133	171	71	9.1	6.5	4.8	4.0	1.7	13.8	5.7	1.0	0.22	
NO OF ANALYSIS					28					1	1	1	1		12	1	1	1	1	1	1	12	

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

WEEK	FLOW	BOD		TSS		CHLORINE		WEEKLY AVERAGE		WEEKLY	
		mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	lbs	Geo Mean	FECAL COLIFORM
1	0.08425	13.8	5.7	4.0	1.7	0.18	2.8	13.8	5.7	1.0	1.0
2	0.06554					0.22	3.1				
3	0.05853					0.22	2.3				
4	0.05505					0.25	1.9				
MAX	0.08425	13.8	5.7	4.0	1.7	0.25	3.1				1.0