

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: Tom Trego/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Denny Kay
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 5/30/2010	To: 6/26/2010

**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 I	Results	2.8			21	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		385	385	385	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 I	Results		5.3	5.3	5.3	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 I	Results		14.0	14.0	14.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 I	Results		7.1		7.7	21	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		316	316	316	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 I	Results		3.8	3.8	3.8	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent) 00530 W 00530 I	Results		10.0	10.0	10.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 I	Results		6.0	6.0	6.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 I	Results		0.0565	0.0661	0.0926	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 I	Results		0.02	0.06	0.15	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results		96.4			0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results		96.8			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	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT
Tom Trego WW Superintendent	Nathan D. McCombs <small>Digitally signed by Nathan D. McCombs DN: cn=Nathan D. McCombs, o=CBU, ou=CBU Public Utilities, email=nathan_mccombs@cityofjuneau.ak.us, c=US Date: 2010.07.08 12:08:32 -0800</small>
	7/10/2010 (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  
 June 2010

DAY	DATE	WEATHER			FLOWS			INFLUENT				EFFLUENT				MISCELLANEOUS										
		TEMP °F	RAIN INCHES	FALL INCHES	WASTE INFLUENT MGD	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 /100ml	CL RESIDUAL mg/L	CL USED LBS	MISCOS LIBED LBS		
SUN	30				0.04768	0.0330	15.7	7.8	5.2																	
MON	31				0.04760	0.0030	14.8	7.5	5.5																	
TUE	1				0.07778	0.0045	17.5	7.7	6.1																	
WED	2				0.04302	0.0030	17.6	7.8	6.2																	
THU	3				0.05106	0.0075	16.4	8.1	7.0																	
FRI	4				0.06540	0.0030	15.8	7.8	6.0																	
SAT	5				0.04090	0.0030																				
SUN	6				0.05352	0.0030																				
MON	7				0.04488	0.0030	16.5	7.7	5.0																	
TUE	8				0.08112	0.0030	16.8	7.6	6.2																	
WED	9				0.04822	0.0045	17.3	8.1	6.0																	
THU	10				0.05528	0.0030	17.5	8.2	5.6																	
FRI	11				0.03853	0.0030	17.2	7.7	5.4																	
SAT	12				0.05923	0.0030																				
SUN	13				0.05530	0.0030																				
MON	14				0.04780	0.0060	16.8	7.8	5.3																	
TUE	15				0.06978	0.0060	14.8	7.7	5.8																	
WED	16				0.03782	0.0090	16.2	8.0	6.8																	
THU	17				0.04582	0.0090	16.1	7.6	6.3	316	121	385	147	15.6	7.4	3.1	10	4	14	5	6	3.35	2.68	2.79	2.79	
FRI	18				0.06445	0.0015	14.4	7.7	5.8																	
SAT	19				0.05681	0.0015																				
SUN	20				0.08222	0.0015																				
MON	21				0.05134	0.0075	15.8	7.3	6.3																	
TUE	22				0.04948	0.0150	16.3	8.2	6.3																	
WED	23				0.09282	0.0120	18.4	7.7	6.4																	
THU	24				0.07136	0.0030	15.1	7.8	6.4																	
FRI	25				0.06950	0.0030	15.6	7.7	6.8																	
SAT	26				0.06578	0.0030																				
TOTAL					0.00	1.58328	0.16050																			
MAXIMUM					0.00	0.08282	0.03300	17.6	8.2	7.0	316	121	385	147	20.2	7.7	5.8	10	4	14	5	6	0.15	4.02	4.34	
MINIMUM					0.00	0.03853	0.00150	14.4	7.3	5.0	316	121	385	147	14.9	7.1	2.8	10	4	14	5	6	0.00	0.87	1.24	
AVERAGE					#DV/01	0.05655	0.00573	16.2	7.6	6.0	316	121	385	147	16.5	7.3	3.7	10	4	14	5	6	0.02	2.54	2.68	
#DV/ANALYSIS					#DV/01	28	28	21	21	21	1	1	1	1	21	21	21	1	1	1	1	1	1	12	28	28

WEEK	FLOW	TEMP		pH		D.O.		S.S.		B.O.D.		FECAL COLIFORM		CL RESIDUAL		CL USED		MISCOS LIBED		
		mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	mg/L	°C	
1	0.05346																			
2	0.05411																			
3	0.05255	14.0	5.3	10.0	3.8	0.06	3.3	6.0												
4	0.06606																			
MAX	0.06606	14.0	5.35	10.0	3.8	0.06	3.3	6.0												

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