

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: Denny Kay / Auke Bay WWTP Supervisor
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: 5/31/2009	To: 6/27/2009

**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)	Results	2.7			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent)	Results		151	151	151	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Results		5.4	5.4	5.4	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent)	Results		10.5	10.5	10.5	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent)	Results	6.6			6.99	12	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent)	Results		140	140	140	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent)	Results		5.6	5.6	5.6	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent)	Results		11.0	11.0	11.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent)	Results		2.0	2.0	2.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent)	Results		0.0623	0.0677	0.0804	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent)	Results		0.11	0.17	0.33	12	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal	Results	93				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal	Results	92				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
Joe Myers WW Superintendent	<i>Cort Franklin</i> in lieu of Denny Kay
	(907) 586-0393 DATE: 7-9-09 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

AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

DAY	DATE	WEATHER		FLOWS		INFLUENT							EFFLUENT							RESIDUAL mg/L			
		TEMP °F	RAIN INCHES	INFLUENT MGD	WASTE SLUDGE MGD	TEMP °C	pH	D.O. mg/L	SS mg/L	SS LBS	B.O.D. mg/L	B.O.D. LBS	TEMP °C	pH	D.O. mg/L	SS mg/L	SS LBS	B.O.D. mg/L	B.O.D. LBS		FECAL COLIFORM /100 ml		
SUN	31	50	0.00	0.06152	0.0030																	0.06	
MON	1	55	0.00	0.05660	0.0045																		0.06
TUE	2	59	0.00	0.05232	0.0020																		0.26
WED	3	60	0.00	0.06140	0.0030	12.2	7.2	6.3	140	72	151	77	12.4	6.8	2.7	11.0	5.6	10.5	5.4			2.0	
THU	4	61	0.00	0.06193	0.0060																		0.19
FRI	5	61	0.00	0.06222	0.0030																		0.19
SAT	6	59	0.00	0.04806	0.0030																		0.22
SUN	7	61	0.00	0.05770	0.0035																		0.22
MON	8	58	0.00	0.06108	0.0040																		0.22
TUE	9	56	0.00	0.06286	0.0030																		0.00
WED	10	56	0.00	0.05810	0.0030																		0.00
THU	11	59	0.00	0.05710	0.0060																		0.11
FRI	12	53	0.07	0.05829	0.0030																		0.11
SAT	13	54	0.05	0.05633	0.0030																		0.11
SUN	14	54	0.00	0.05478	0.0030																		0.08
MON	15	52	0.18	0.06190	0.0045																		0.00
TUE	16	56	0.79	0.07514	0.0045																		0.00
WED	17	54	0.10	0.05940	0.0045																		0.00
THU	18	55	0.03	0.06375	0.0060																		0.08
FRI	19	53	0.03	0.08035	0.0030																		0.08
SAT	20	56	0.00	0.06034	0.0030																		0.33
SUN	21	55	0.02	0.06236	0.0030																		0.01
MON	22	52	0.32	0.07200	0.0075																		0.01
TUE	23	51	0.42	0.07440	0.0060																		0.00
WED	24	54	0.00	0.06612	0.0060																		0.00
THU	25	51	0.00	0.06476	0.0060																		0.00
FRI	26	52	0.05	0.06831	0.0030																		0.33
SAT	27	53	0.03	0.06573	0.0030																		0.33
TOTAL				1.74425	0.11300																		0.33
MAXIMUM		61	0.79	0.06035	0.00750	12.2	7.2	6.3	140	72	151	77	12.4	7.0	2.7	11	6	11	5			2	0.33
MINIMUM		50	0.00	0.04806	0.00200	12.2	7.2	6.3	140	72	151	77	12.4	6.6	2.7	11	6	11	5			2	0.00
AVERAGE		55.4	0.07	0.06229	0.00404	12.2	7.2	6.3	140	72	151	77	12.4	6.8	2.7	11	6	11	5			2	0.11
NO. OF ANALYSIS				28		1							1							12			

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

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY			
		BOD mg/l	TSS mg/l	CHLORINE mg/l	COLIFORM Geo Mean	BOD lbs	TSS lbs	CHLORINE lbs	COLIFORM Geo Mean
1	0.05772	10.5	11.0	0.17	2.5				
2	0.05878	10.5	11.0	0.11	1.9				
3	0.06501	10.5	11.0	0.03	1.9				
4	0.06767	10.5	11.0	0.11	2.1				
MAX	0.06767	10.5	11.0	0.17	2.5				