

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

Sample Period

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	From: 6/28/2009
		To: 8/1/2009

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	2.6			1	0	mg/l	1/month	Grab	
		Limits	2.0	N/A	N/A	N/A	report				report
Biochemical Oxygen Demand (influent)	00310 G	Results		274	274	274	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	00310 W 00310 1	Results		4.7	4.7	4.7	1	0	lbs/day	1/month	Grab or Composite
		Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand (effluent)	00310 W 00310 1	Results		7.8	7.8	7.8	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.5			6.8	15	0	Std. Units	3/week	Grab
		Limits	6.0	N/A	N/A	9.0	report	report			
Total Suspended Solids (influent)	00530 G	Results		240	240	240	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	00530 W 00530 1	Results		2.4	2.4	2.4	1	0	lbs/day	1/month	Grab or Composite
		Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids (effluent)	00530 W 00530 1	Results		4.0	4.0	4.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		1	1	1	1	0	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.0653	0.0719	0.0764	35	0	mgd	Daily 5/week	Measured/recorded
		Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent)	50060 1	Results		0.10		0.33	15	0	mg/l	3/week	Grab
		Limits	N/A	0.50	N/A	1.0	report	report			
Biochemical Oxygen Demand % removal	81010 K	Results	97				0	%	1/month	Calculated	
		Limits	85%	N/A	N/A	N/A	report				report
Total Suspended Solids % removal	81011 K	Results	99				0	%	1/month	Calculated	
		Limits	85%	N/A	N/A	N/A	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	
Joe Myers	WW Utilities Superintendent	<i>Denny Kay for Joe Myers</i>	(907) 586-0393
		8/6/09	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					MIS																						
		TEMP °F	RAIN FALL 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	RESIDUAL mg/L																		
SUN	28	52	0.19	0.06854	0.0030																																			
MON	29	51	0.47	0.06706	0.0030																																			
TUE	30	51	0.08	0.06342	0.0030																																			
WED	1	53	0.05	0.07180	0.0030																																			
THU	2	57	0.00	0.06543	0.0045																																			
FRI	3	60	0.00	0.06300	0.0030																																			
SAT	4	63	0.00	0.05714	0.0030																																			
SUN	5	65	0.00	0.06494	0.0030																																			
MON	6	66	0.00	0.06636	0.0015																																			
TUE	7	67	0.00	0.06436	0.0015																																			
WED	8	64	0.00	0.07042	0.0030																																			
THU	9	64	0.00	0.07091	0.0075																																			
FRI	10	58	0.00	0.05390	0.0030																																			
SAT	11	58	0.00	0.06250	0.0030																																			
SUN	12	61	0.00	0.06091	0.0030																																			
MON	13	65	0.00	0.06196	0.0030																																			
TUE	14	63	0.00	0.05374	0.0105																																			
WED	15	57	0.05	0.04692	0.0050																																			
THU	16	57	0.02	0.05892	0.0060																																			
FRI	17	57	0.13	0.05909	0.0060																																			
SAT	18	58	0.39	0.06950	0.0050																																			
SUN	19	59	0.17	0.06800	0.0015																																			
MON	20	57	0.76	0.07166	0.0135																																			
TUE	21	55	0.20	0.07153	0.0045																																			
WED	22	52	0.42	0.07314	0.0105																																			
THU	23	55	0.14	0.07637	0.0045																																			
FRI	24	54	0.00	0.07068	0.0030																																			
SAT	25	57	0.00	0.07201	0.0030																																			
SUN	26	59	0.00	0.06556	0.0030																																			
MON	27	62	0.00	0.06802	0.0030																																			
TUE	28	65	0.00	0.06330	0.0030																																			
WED	29	67	0.00	0.06392	0.0030																																			
THU	30	66	0.00	0.07123	0.0045																																			
FRI	31	64	0.00	0.05769	0.0030																																			
SAT	1	61	0.00	0.07003	0.0030																																			
TOTAL			3.07	2.2840	0.1465																																			
MAXIMUM			67	0.76	0.0764	0.0135																																		
MINIMUM			51	0.00	0.0469	0.0015																																		
AVERAGE			59	0.09	0.0653	0.0042																																		

COMMENTS:

* GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
 ** SEE ENCLOSED VIOLATION LETTER

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY	
		BOD mg/L	TSS mg/L	CHLORINE mg/L	COLIFORM Geo. Mean	BOD lbs	COLIFORM
1	0.06520	7.8	4.0	0.15	2.68	4.7	2.0
2	0.06477			0.09	2.58		
3	0.05872			0.12	2.39		
4	0.07191			0.10	2.20		
5	0.06568			0.04	2.20		
MAX	0.07191	7.8	4.0	0.15	2.68		2.0