

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: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 6/29/2008	To: 8/2/2008

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	2.4			1	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		143	143	143	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 I	Results		3.4	3.4	3.4	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		5.7	5.7	5.7	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 I	Results	6.6			7.0	15	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report			
Total Suspended Solids (influent) 00530 G	Results		270	270	270	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 I	Results		6.5	6.5	6.5	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		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) 31616 I	Results		83	83	83	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 I	Results		0.0707	0.0783	0.1178	35	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 I	Results		0.10		0.46	15	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	96.0				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	97.6				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 Scott Jeffers WW Superintendent	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Scott Jeffers</i>	DATE August 2008	TELEPHONE (907) 586-0393
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)

CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

		WEATHER			FLOWS			INFLUENT			EFFLUENT			MI								
DAY	DATE	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	CHLORINE RESIDUAL mg/L	
SUN	29	53	0.01	0.069378	0.0030																	
MON	30	52	0.03	0.062365	0.0050																	0.38
TUE	1	56	0.00	0.07895	0.0030																	0.09
WED	2	60	0.00	0.04921	0.0060																	0.46
THU	3	62	0.02	0.05723	0.0060																	
FRI	4	59	0.00	0.05278	0.0045																	
SAT	5	61	0.03	0.06648	0.0045																	
SUN	6	53	0.93	0.07594	0.0030																	
MON	7	54	0.21	0.07134	0.0050																	
TUE	8	48	1.55	0.10602	0.0060				270	159	143	84				11.0	6.5	5.7	3.4	83		
WED	9	49	0.25	0.07163	0.0030																	0.00
THU	10	52	0.02	0.06447	0.0030																	0.00
FRI	11	55	0.06	0.06332	0.0017																	0.00
SAT	12	53	0.22	0.06747	0.0035																	0.02
SUN	13	56	0.02	0.06274	0.0045																	0.02
MON	14	56	0.00	0.08450	0.0060																	0.08
TUE	15	56	0.03	0.04703	0.0030																	0.01
WED	16	56	0.00	0.06244	0.0045																	0.07
THU	17	54	0.02	0.06458	0.0045																	0.07
FRI	18	51	1.90	0.09455	0.0030																	0.07
SAT	19	53	0.39	0.07660	0.0025																	0.11
SUN	20	48	0.24	0.07954	0.0025																	0.18
MON	21	46	0.13	0.09856	0.0020																	0.02
TUE	22	52	0.11	0.05356	0.0030																	0.18
WED	23	51	0.13	0.11780	0.0030																	0.07
THU	24	50	0.07	0.06351	0.0015																	0.07
FRI	25	51	0.66	0.05624	0.0025																	0.07
SAT	26	53	0.00	0.07868	0.0025																	0.07
SUN	27	50	0.52	0.06957	0.0025																	0.02
MON	28	51	0.06	0.07895	0.0030																	0.02
TUE	29	57	0.00	0.07170	0.0045																	0.02
WED	30	54	0.07	0.06055	0.0065																	0.01
THU	31	52	0.27	0.06874	0.0070																	0.01
FRI	1	55	0.06	0.06262	0.0070																	0.01
SAT	2	54	0.00	0.06935	4.0000																	0.01
TOTAL			8.01	2.4748	4.1327																	0.46
MAXIMUM		62	1.90	0.1178	4.0000																	0.00
MINIMUM		46	0.00	0.0470	0.0015																	0.1
AVERAGE		53	0.23	0.0707	0.1181																	0.1

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 mg/L	BOD lbs	TSS lbs	CHLORINE lbs	COLIFORM /100 ml
1	0.06154	5.7	3.4	6.5	5.7	3.4	2.87	83.0	
2	0.07431						2.20		
3	0.07063						2.58		
4	0.07827						2.39		
5	0.06878						2.97		
MAX	0.07827	5.7	3.4	6.5	5.7	3.4	2.97	83.0	