

Permit number: AKG-57-1000-013 Expires: July 20, 2009 Submit this report to: ADEFC and EPA to the addresses on Part III B of the NPDES general permit.
 ADEFC File number: 1513.45.009

Applicant Name: City and Borough of Juneau
 Address: 155 South Seward, Juneau, AK 99801
 Facility: Auke Bay Wastewater Treatment Facility
 Location: Auke Bay, AK
 Responsible party: Scott Jeffers/VW Utilities Superintendent
 Phone / email: (907)586-0393
 Onsite Contact: Rico Tempel
 Phone: (907)586-0393

Required Reporting Frequency Monthly Discharge: Secondary treated wastewater discharged into Auke Bay
 Sample Period From: 6/4/2006 To: 7/1/2006

Parameter	Results	Min. Value	Monthly Average	Weekly Average	Max. Value	Number of Analyses	Number of Violations	Units	Frequency of Analysis	Sample Method
		4.0	N/A	N/A	N/A	1	0	mg/l	1/month	Grab
Dissolved Oxygen (effluent)	00300 1	2.0	N/A	N/A	N/A	1	0	mg/l	1/month	Grab
Biochemical Oxygen Demand (influent)	00310 G	N/A	450	450	450	1	0	mg/l	1/month	Grab or Composite
Biochemical Oxygen Demand (effluent)	00310 W	N/A	report	report	report	report	report	mg/l	1/month	Grab or Composite
Biochemical Oxygen Demand (effluent)	00310 1	N/A	7.1	7.1	7.1	1	0	mg/l	1/month	Grab or Composite
Biochemical Oxygen Demand (effluent)	00310 W	N/A	40	60	80.1	report	report	lbs/day	1/month	Grab or Composite
Biochemical Oxygen Demand (effluent)	00310 1	N/A	12.9	12.9	12.9	1	0	mg/l	1/month	Grab or Composite
pH (effluent)	00400 1	6.2	30	45	60	report	report	mg/l	1/month	Grab or Composite
Total Suspended Solids (effluent)	00530 1	6.0	N/A	N/A	6.6	12	0	Std. Units	3/week	Grab
Total Suspended Solids (effluent)	00530 G	N/A	136	136	9.0	report	report	mg/l	1/month	Grab or Composite
Total Suspended Solids (effluent)	00530 W	N/A	report	report	report	1	0	mg/l	1/month	Grab or Composite
Total Suspended Solids (effluent)	00530 1	N/A	6.0	6.0	6.0	report	report	mg/l	1/month	Grab or Composite
Total Suspended Solids (effluent)	00530 W	N/A	40	60	80.1	1	0	lbs/day	1/month	Grab or Composite
Total Suspended Solids (effluent)	00530 1	N/A	11.0	11.0	11.0	report	report	mg/l	1/month	Grab or Composite
Fecal Coliform Bacteria (effluent)	00530 1	N/A	30	45	60	report	report	mg/l	1/month	Grab or Composite
Flow Rate (effluent or influent)	31616 1	N/A	18.0	18.0	18.0	1	0	#/100 ml	1/month	Grab
Total Residual Chlorine (effluent)	50050 1	N/A	200	400	800	report	report	mgd	Daily 5/week	Measured/recorded
Biochemical Oxygen Demand % removal	50060 1	N/A	0.0664	0.0765	0.0887	28	0	mgd	Daily 5/week	Measured/recorded
Biochemical Oxygen Demand % removal	81010 K	N/A	0.06	0.058	0.34	report	report	mg/l	3/week	Grab
Total Suspended Solids % removal	81011 K	N/A	97.1	N/A	1.0	report	report	%	1/month	Calculated
Total Suspended Solids % removal	81011 K	85%	91.9	N/A	N/A	report	report	%	1/month	Calculated

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
 DATE: 7/7/06 TELEPHONE: (907) 586-0393

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT NUMBERS)
 CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

EPA REPORT

June 2006

DAY	DATE	WEATHER		FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS					
		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	Cl ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na ₂ SO ₃ USED LBS
SUN	4	51	0.27	0.06853	0.0010																	2.01	3.72
MON	5	51	0.42	0.06194	0.0010							6.5								0.00		2.68	6.20
TUE	6	50	0.64	0.07438	0.0020				136	74	450	246			11.0	6.0	12.9	7.1			5.36	4.03	
WED	7	52	0.01	0.05923	0.0025							14.1	6.5	4.0					18.0	0.01	2.68	3.72	
THU	8	53	0.00	0.05610	0.0025																3.35	2.17	
FRI	9	42	0.04	0.06580	0.0025								6.2							0.01	3.35	4.03	
SAT	10	42	0.06	0.05426	0.0015																2.01	1.24	
SUN	11	44	0.17	0.05184	0.0015																3.35	3.72	
MON	12	61	0.00	0.07773	0.0020								6.4						0.34		3.35	4.03	
TUE	13	60	0.00	0.04017	0.0025																4.02	4.34	
WED	14	62	0.12	0.05806	0.0025								6.4						0.28		3.35	4.03	
THU	15	58	0.02	0.05355	0.0025																3.35	3.41	
FRI	16	45	0.25	0.06386	0.0025								6.5						0.00		2.68	2.48	
SAT	17	49	0.07	0.05946	0.0015																2.68	1.86	
SUN	18	56	0.00	0.05610	0.0020																4.02	3.72	
MON	19	53	0.09	0.06466	0.0015								6.6						0.01		4.02	4.34	
TUE	20	55	0.06	0.06411	0.0030																6.03	5.58	
WED	21	54	0.01	0.06570	0.0020								6.4						0.00		1.34	3.72	
THU	22	51	0.04	0.08805	0.0020																5.36	3.10	
FRI	23	53	0.16	0.06834	0.0020								6.6						0.02		2.68	3.10	
SAT	24	54	0.00	0.07174	0.0015																2.01	2.17	
SUN	25	51	1.17	0.08873	0.0015																2.01	3.72	
MON	26	53	0.06	0.07980	0.0025								6.4						0.00		2.68	5.58	
TUE	27	52	0.05	0.06645	0.0025																3.35	4.43	
WED	28	52	0.05	0.07601	0.0035								6.3						0.01		4.69	4.96	
THU	29	55	0.04	0.06995	0.0040																4.02	3.41	
FRI	30	55	0.04	0.07349	0.0025								6.3						0.01		4.02	4.96	
SAT	1	55	0.00	0.08134	0.0020																2.68	2.48	
TOTAL			3.84	1.85938	0.06050																93.13		
MAXIMUM		62	1.17	0.08873	0.00400	0.0	0.0	0.0	136	74	450	246	14.1	6.6	4.0	11	6	13	7	18	0.34	6.03	6.20
MINIMUM		42	0.00	0.04017	0.00100	0.0	0.0	0.0	136	74	450	246	14.1	6.2	4.0	11	6	13	7	18	0.00	1.34	1.24
AVERAGE		52.5	0.14	0.06641	0.00216	#DIV/0!	#DIV/0!	#DIV/0!	136	74	450	246	14.1	6.4	4.0	11	6	13	7	18	0.06	3.33	3.72

NO. OF ANALYSIS

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COMMENTS:

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

WEEK	WEEKLY AVERAGE						WEEKLY COLIFORM Geo. Mean
	BOD		TSS		CHLORINE		
	mg/l	lbs	mg/l	lbs	mg/l	lbs	
1	12.9	7.1	11.0	6.0	0.01	3.1	18.0
2					0.21	3.3	
3					0.01	3.6	
4					0.01	3.4	
MAX	12.9	7.10	11.0	6.0	0.21	3.6	18.0

% REMOVAL	
B.O.D.	97.1
S.S.	91.9