

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

		Sample Period	
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	From:	9/28/2008
		To:	11/1/2008

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 1	Results	2.9			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		470	470	470	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		7.4	7.4	7.4	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		10.4	10.4	10.4	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.4			6.6	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		312	312	312	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		5.7	5.7	5.7	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		8.0	8.0	8.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		3.0	3.0	3.0	1	0	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.08565	0.09365	0.14590	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		0.51	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	97.8				0		%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal	81011 K	Results	98.2				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		
Scott Jeffers WW Superintendent		11/6/08	(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

Permit number: AKG-57-1000-013	Expires: July 20, 2009	Submit this report	ADEC and EPA to the addresses on Part D 11 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: 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: 9/28/2008	To: 11/1/2008

Mixing Zone

Parameter		Min. Value	Monthly Average	Weekly Average	Max. Value	Number analyses	Number violations	Units	Frequency of Analysis	Sample Method
Fecal Coliform Bacteria (Edge of MZ)	Analytical Results		1.0		1.0	1	0	#/100 ml	Twice per year - 2/year	Grab
	Permit Limits	N/A	14	N/A	43	report	report			
Fecal Coliform Bacteria (Shoreline)	Analytical Results				8.0	1	0	#/100 ml	Twice per year - 2/year	Grab
	Permit Limits	N/A	NA	N/A	NA	report	report			
Dissolved Oxygen	Analytical Results				10.6	1	0	mg/l	Upon request by ADEC	Grab
	Permit Limits	6	N/A	N/A	17	report	report			
pH	Analytical Results				7.5	1	0	Std. Units	Upon request by ADEC	Grab
	Permit Limits	6.5	N/A	N/A	8.5	report	report			
Total Chlorine (if chlorine is used as disinfectant)	Analytical Results				0.01	1	0	mg/l	Twice per year - 2/year	Grab
	Permit Limits	N/A	N/A	N/A	0.01	report	report			

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Scott Jeffers WW Superintendent		11/6/08 DATE	(907)586-0393 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

		WEATHER		FLOWS		INFLUENT					EFFLUENT					MIS						
DAY	DATE	TEMP °F	RAIN INCHES	INFLOW MGD	WASTE SLUDGE MGD	TEMP °C	pH	D.O. mg/L	SS mg/L	SS LBS	BOD mg/L	BOD LBS	TEMP °C	pH	D.O. mg/L	SS mg/L	SS LBS	BOD mg/L	BOD LBS	FECAL COLIFORM /100 ml	Cl ₂ RESIDUAL mg/L	
SUN	28	48	1.20	0.10540	0.0030																0.31	
MON	29	50	1.19	0.14590	0.0030																0.10	
TUE	30	57	0.11	0.06930	0.0030																0.01	
WED	1	53	0.54	0.08225	0.0030																	
THU	2	53	0.42	0.08739	0.0035																	
FRI	3	44	0.11	0.08001	0.0035																	
SAT	4	39	0.02	0.07527	0.0030																	
SUN	5	44	0.20	0.07490	0.0015																	
MON	6	39	0.03	0.07859	0.0030																	0.02
TUE	7	35	0.11	0.06175	0.0045																	
WED	8	40	0.37	0.07829	0.0035	14.7	5.9	6.0	312	223	470	336	13.8	6.5	2.9	8.0	5.7	10.4	7.4	3.0	0.27	
THU	9	40	0.02	0.07167	0.0035																	0.01
FRI	10	42	1.10	0.11000	0.0035																	
SAT	11	46	1.27	0.08040	0.0015																	
SUN	12	46	0.31	0.08780	0.0015																	0.03
MON	13	42	0.12	0.07830	0.0030																	
TUE	14	43	0.53	0.09600	0.0030																	
WED	15	45	1.04	0.10274	0.0030																	0.04
THU	16	41	1.01	0.10274	0.0030																	
FRI	17	42	0.22	0.09527	0.0035																	0.51
SAT	18	42	0.29	0.07852	0.0025																	
SUN	19	42	0.62	0.08704	0.0030																	0.00
MON	20	40	0.13	0.08190	0.0015																	
TUE	21	43	0.69	0.08081	0.0035																	0.01
WED	22	43	0.62	0.08653	0.0035																	
THU	23	41	1.92	0.09360	0.0035																	0.01
FRI	24	38	0.22	0.07441	0.0035																	
SAT	25	34	0.05	0.07122	0.0020																	
SUN	26	35	0.64	0.08622	0.0015																	0.00
MON	27	41	0.13	0.08288	0.0015																	
TUE	28	42	1.36	0.07549	0.0050																	0.01
WED	29	40	0.86	0.10924	0.0035																	
THU	30	38	0.00	0.07129	0.0030																	
FRI	31	34	0.08	0.06923	0.0030																	0.22
SAT	1	40	0.17	0.07541	0.0035																	
TOTAL			7.08	2.99776	0.1040																	
MAXIMUM		60	1.09	0.14590	0.0050	14.7	5.9	6.0	312	223	470	336	13.8	6.6	2.9	8.0	5.7	10.4	7.4	3.0	0.51	
MINIMUM		37	0.00	0.06175	0.0015	14.7	5.9	6.0	312	223	470	336	13.8	6.4	2.9	8.0	5.7	10.4	7.4	3.0	0.00	
AVERAGE		48	0.20	0.09565	0.0030	14.7	5.9	6.0	312	223	470	336	13.8	6.5	2.9	8.0	5.7	10.4	7.4	3.0	0.10	

COMMENTS:

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

WEEK	FLOW	BOD		TSS		CHLORINE		WEEKLY AVERAGE		WEEKLY COLIFORM Geo Mean
		mg/l	lbs	mg/l	lbs	mg/l	lbs	mg/l	lbs	
1	0.09365									
2	0.07937	10.4	7.4	8.0	5.7	0.14	2.87	0.10	3.16	3.0
3	0.09162					0.19	2.49			
4	0.08222					0.01	2.78			
5	0.08139					0.08	2.20			
MAX	0.09365	10.4	7.4	8.0	5.7	0.19	3.16			3.0