

Permit number: AKG-57-1000-013	Expires: July 20, 2009	Submit this report to:	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, Juneau	Phone: (907)586-0393

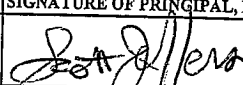
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 9/4/2005	To: 10/1/2005

Parameter	Min. Value	30 day Average	7 day Average	Max. Value	Number of Analyses	Number of Violations	Units	Frequency of Analysis	Sample Method
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Discharge 1

Flow Rate (effluent or influent)	Estmt'd/ Measure		0.0861		0.1320	28	0	mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		391	391	391	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		14.2	14.2	14.2	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		10.2	10.2	10.2	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand % removal	Analytical Results	96.3683					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		452	452	452	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		5.4	5.4	5.4	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		3.9	3.9	3.9	1	0	lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids % removal	Analytical Results	98.8053					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		52		52	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.3				3	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.3			6.9	12	0	Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.02		0.08	12	0	mg/l	3/week	Grab
	Permit Limits	N/A	0.5	N/A	1	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 Utilities Superintendent		10/7/05	(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

AUKE BAY WASTEWATER TREATMENT FACILITY

Juneau, Alaska

September 2005

EPA REPORT

		WEATHER		FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS						
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	Cl ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na ₂ SO ₃ USED LBS	
SUN	4	56	0.01	0.07071	0.00200																	5.36	3.72	
MON	5	53	0.30	0.09149	0.00200								16.5	6.3	2.6							0.02	5.36	4.34
TUE	6	53	0.66	0.13203	0.00200																		6.70	5.58
WED	7	54	0.78	0.08441	0.00300	18.2	6.9	4.5	452	325	391	281	16.7	6.5	2.3	5	4	14	10	52	0.04	6.70	6.82	
THU	8	52	0.06	0.08751	0.00300																		6.70	4.34
FRI	9	52	0.00	0.08331	0.00300									6.4								0.00	6.70	6.20
SAT	10	51	0.11	0.06963	0.00250																		0.67	3.10
SUN	11	54	0.03	0.07660	0.00250																		0.67	5.89
MON	12	54	0.34	0.07054	0.00200								16.7	6.3								0.00	2.68	7.44
TUE	13	53	0.14	0.07662	0.00200																		1.34	4.96
WED	14	56	0.00	0.08042	0.00200								16.2	6.4	2.3							0.08	2.68	7.44
THU	15	54	0.00	0.08217	0.00200																		2.68	6.82
FRI	16	52	0.30	0.08140	0.00300	15.5	7.1						16.3	6.6								0.01	2.01	8.06
SAT	17	51	0.95	0.08179	0.00250																		1.34	4.65
SUN	18	51	0.80	0.09084	0.00250																		2.01	5.58
MON	19	49	1.16	0.09575	0.00250	15.8	7.2	6.8						6.4								0.01	2.01	6.82
TUE	20	48	0.87	0.08906	0.00250																		4.02	7.44
WED	21	50	0.02	0.11105	0.00250								15.2	6.3								0.01	2.01	7.44
THU	22	48	0.39	0.08280	0.00250																		4.69	7.44
FRI	23	50	0.48	0.09501	0.00150								15.8	6.8								0.02	2.01	6.51
SAT	24	50	0.17	0.07829	0.00250																		1.34	6.82
SUN	25	48	0.07	0.07753	0.00200																		2.01	6.82
MON	26	48	0.10	0.08437	0.00250	14.3	7.1	5.9						6.4								0.08	2.01	6.82
TUE	27	46	0.62	0.07357	0.00200																		2.01	6.82
WED	28	50	0.75	0.09994	0.00250								15.2	6.9								0.01	3.35	6.20
THU	29	48	0.53	0.10309	0.00300																		2.68	7.75
FRI	30	47	0.12	0.08223	0.00300								15.3	6.7								0.00	2.68	8.06
SAT	1	45	0.00	0.07980	0.00250																		4.02	5.89
TOTAL			9.76	2.41196	0.06750																		88.44	
MAXIMUM		56	1.16	0.13203	0.00300	18.2	7.2	6.8	452	325	391	281	16.7	6.9	2.6	5	4	14	10	52	0.08	6.70	8.06	
MINIMUM		45	0.00	0.06963	0.00150	14.3	6.9	4.5	452	325	391	281	15.2	6.3	2.3	5	4	14	10	52	0.00	0.67	3.10	
AVERAGE		50.82143	0.35	0.08614	0.00241	16.0	7.1	5.7	452	325	391	281	16.0	6.5	2.4	5	4	14	10	52	0.02	3.16	6.28	

NO. OF ANALYSIS

28

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1

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12

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12

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	14.2	10.2	5.4	3.9	0.0200	5.5	52.0
2					0.0300	1.9	
3					0.0133	2.6	
4					0.0300	2.7	
MAX	14.2	10.20	5	4	0.0300	5	52

% REMOVAL	
B.O.D.	96
S.S.	99