

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: Joe Myers/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

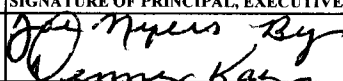
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 1/31/2010	To: 2/27/2010

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		0.05684		0.07442	28		mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		258	258	258	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		8	8	8	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		3.5	3.5	3.5	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand % removal	Analytical Results	97						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		276	276	276	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		8	8	8	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		3.5	3.5	3.5	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids % removal	Analytical Results	97						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		1.0		1.0	1		#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.3				20		mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.7			7.3	20		Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.05		0.22	12		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		
Joe Myers WW Superintendent		3/9/10	(907) 586-0393
		DATE	TELEPHONE

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

February 2010

DAY	DATE	FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS					
		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	Na2SO3 USED LBS
SUN	31	0.05995	0.00300																		
MON	1	0.06167	0.00300							10.3	6.7	2.6						0.22	1.34	1.34	1.86
TUE	2	0.04899	0.00300							11.1	6.8	4.3							0.67	1.34	1.86
WED	3	0.06168	0.00300							12.1	6.9	3.2						0.13	1.34	1.24	1.86
THU	4	0.06203	0.00300							10.4	6.8	3.3							0.67	1.34	2.48
FRI	5	0.04776	0.00300							10.2	7.1	5.1						0.01	1.34	2.17	1.86
SAT	6	0.06035	0.00300																0.67	1.34	2.17
SUN	7	0.06048	0.00300																1.34	1.34	1.55
MON	8	0.06106	0.00300							11.7	7.1	3.3						0.21	0.67	2.17	1.86
TUE	9	0.05310	0.00300							10.4	6.7	4.3	8	3.5	8	3.5	1.0	0.02	1.34	1.86	2.48
WED	10	0.05655	0.00300							10.2	6.8	2.8							4.02	1.34	1.86
THU	11	0.05193	0.00450							10.1	6.8	2.9						0.00	2.68	1.86	2.48
FRI	12	0.05548	0.00450							10.5	6.8	2.7						0.00	1.34	1.86	2.48
SAT	13	0.05728	0.00300																1.34	1.34	2.79
SUN	14	0.05006	0.00450																1.34	1.34	2.79
MON	15	0.05168	0.00450							10.9	6.8	2.3						0.00	1.34	1.34	2.48
TUE	16	0.05752	0.00300							10.4	6.8	2.7						0.01	1.34	1.34	1.86
WED	17	0.05916	0.00300	10.2	7.2	8.6				10.3	6.7	3.4						0.01	0.67	1.86	1.86
THU	18	0.06310	0.00300							10.0	6.8	2.9						0.01	1.34	1.34	1.86
FRI	19	0.05608	0.00300							10.2	6.9	5.1						0.01	1.34	1.34	3.41
SAT	20	0.05828	0.00450																2.01	1.34	2.79
SUN	21	0.04448	0.00350																1.34	1.34	1.86
MON	22	0.05384	0.00450							10.1	6.8	2.8						0.00	1.34	1.34	1.86
TUE	23	0.05850	0.00300							10.0	6.8	2.9						0.01	1.34	1.34	1.86
WED	24	0.05970	0.00300							10.0	6.9	2.3						0.01	1.34	1.34	1.86
THU	25	0.07442	0.00300							10.0	6.9	2.4						0.02	2.01	2.48	1.86
FRI	26	0.04925	0.00300							11.2	7.3	4.6						0.02	2.68	2.79	1.86
SAT	27	0.05718	0.00450																2.68	2.68	3.10
TOTAL		1.59156	0.09500																40.87		
MAXIMUM		0.07442	0.00450	10.2	7.2	8.6	276	258	114	12.1	7.3	5.1	8	3.5	8	3.5	1.0	0.22	4.02	4.96	
MINIMUM		0.04448	0.00300	10.2	7.2	8.6	276	258	114	10.0	6.7	2.3	8	3.5	8	3.5	1.0	0.00	0.67	1.24	
AVERAGE		0.05684	0.00339	10.2	7.2	8.6	276	258	114	10.5	6.9	3.3	8	3.5	8	3.5	1.0	0.05	1.46	2.25	
NO OF ANALYSIS		28					1	1	1				1	1	1	1	1				

COMMENTS:

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

WEEK	BOD		TSS		CHLORINE		WEEKLY COLIFORM	
	mg/l	lbs	mg/l	lbs	mg/l	lbs	Geo Mean	
1					0.1200	1.1		
2	8.0	3.5	8.0	3.5	0.0767	1.7		1.0
3					0.0067	1.1		
4					0.0100	1.9		
MAX	8.0	3.5	8.0	3.5	0.1200	2		1

% REMOVAL	
B.O.D.	97
S.S.	97