

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			

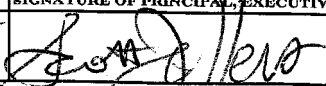
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, Juneau	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 1/2/2005	To: 1/29/2005

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/ Measurc		0.05510		0.0826	28		mgd	Daily	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report		5/week	
Biochemical Oxygen Demand (influent)	Analytical Results		153	153	153	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		19.5	19.5	19.5	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		9.0	9.0	9.0	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Biochemical Oxygen Demand % removal	Analytical Results	87.3						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		112	112	112	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		11.4	11.4	11.4	1		mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		5.2	5.2	5.2	1		lbs/day	1/month	Grab or Composite
	Permit Limits	N/A	40	60	80.1	report	report			
Total Suspended Solids % removal	Analytical Results	89.8						%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		22.0		22.0	1		#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	5.9				1		mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.4			7.0	12		Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.15		0.52	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		
Scott Jeffers, Wastewater Utility Superintendent		2/8/05	TELEPHONE
		DATE	907-586-0393
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
Jureau, Alaska

EPA REPORT

DAY	DATE	WEATHER		INFLUENT				EFFLUENT				MISCELLANEOUS									
		TEMP °F	RAIN FALL INCHES	TEMP °C	pH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	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	Cb RESIDUAL mg/L	Ck USED LBS	Na2S2O3 USED LBS	
SUN	2	17	0.00	8.3	7.3	8.0	112	51	153	70	6.4	5.9	11.4	5.2	19.5	9.0		0.04	1.34	6.82	
MON	3	26	0.00																2.01	4.34	
TUE	4	31	0.03																2.68	8.68	
WED	5	33	0.10																2.68	4.95	
THU	6	22	0.13																2.68	2.10	
FRI	7	22	0.00																2.68	3.72	
SAT	8	28	0.00																2.01	2.49	
SUN	9	23	0.00																2.01	5.82	
MON	10	24	0.12																2.68	4.96	
TUE	11	7	0.00																2.01	9.30	
WED	12	3	0.00																3.35	4.65	
THU	13	10	0.00																2.68	4.65	
FRI	14	17	0.04																2.68	5.89	
SAT	15	17	0.00																2.01	1.55	
SUN	16	19	1.01																2.01	5.58	
MON	17	24	0.88																1.34	8.20	
TUE	18	20	0.82																2.68	3.58	
WED	19	21	0.59																1.34	3.10	
THU	20	26	0.25																3.35	1.72	
FRI	21	32	0.06																2.68	2.48	
SAT	22	37	0.15																3.35	6.20	
SUN	23	34	0.00																2.36	5.59	
MON	24	36	0.11																4.02	6.20	
TUE	25	33	0.00																2.68	6.51	
WED	26	33	0.52																4.02	5.82	
THU	27	33	0.33																4.02	5.88	
FRI	28	32	0.47																2.68	4.34	
SAT	29	34	0.07																2.68	4.34	
TOTAL			5.38																		
MAXIMUM		37	1.01	8.3	7.3	8.0	112	51	153	70	6.4	5.9	11.4	5.2	19.5	9.0			72.71	144.39	
MINIMUM		3	0.00	8.3	7.3	8.0	112	51	153	70	6.4	5.9	11.4	5.2	19.5	9.0			4.02	9.30	
AVERAGE		24.8	0.19	8.3	7.3	8.0	112	51	153	70	6.8	5.9	11.4	5.2	18.5	9.0			2.80	1.55	5.16

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WEEK	BOD		S.S.		CHLORINE		FECAL COLIFORM	
	mg/L	lbs	mg/L	lbs	mg/L	lbs	mg/L	lbs
1	19.5	9.0	11.4	5.2	0.047	2.30	22.0	22.0
2					0.190	2.49		
3					0.293	3.30		
4								
MAX	19.5	9.00	11.4	5.2	0.293	3.30	22.0	22.0

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

NO. OF ANALYSIS

COMMENTS:

23

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