

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: Rico Tempel
Location: Auke Bay, Juneau	Phone: (907)586-0393

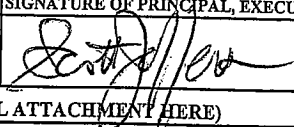
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 2/26/2006	To: 4/1/2006

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		0.0606		0.08	35	0	mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		146	146	146	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		4.8	4.8	4.8	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		2.5	2.5	2.5	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	96.7					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		112	112	112	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		8.0	8.0	8.0	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		4.1	4.1	4.1	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	96.3					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		32.0		32.0	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	4.8				1	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.4			6.9	15	0	Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.08		0.7	15	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 Superintendent	
	4/6/06 (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	

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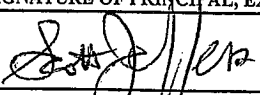
Applicant Name: City and Borough of Juneau	Responsible party:	Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email:	(907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact:	Rico Tempel
Location: Auke Bay, Juneau	Phone:	(907)586-0393

Required Reporting Frequency Twice per year	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From:	2/26/2006
		To:	4/1/2006

**Mixing Zone**

Parameter		Min. Value	30 day Average	7 day Average	Max. Value	Number analyses	Number violations	Units	Frequency of Analysis	Sample Method
Fecal Coliform Bacteria (Edge of MZ)	Analytical Results		<1		<1	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		<1		<1	1	0	#/100 ml	Twice per year - 2/year	Grab
	Permit Limits	N/A	NA	N/A	NA	report	report			
Dissolved Oxygen	Analytical Results	12.1			12.1	1	0	mg/l	Upon request by ADEC	Grab
	Permit Limits	6	N/A	N/A	17	report	report			
pH	Analytical Results	7.8			7.8	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				0.00	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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NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Scott Jeffers WW Superintendent		4/6/06 DATE	(907)586-0393 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

March 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 <sub>2</sub> RESIDUAL mg/L	Cl <sub>2</sub> USED LBS	Na <sub>2</sub> SO <sub>2</sub> USED LBS
SUN	26	18	0.00	0.05452	0.0025																	2.01	2.79
MON	27	18	0.00	0.07020	0.0015							10.3	6.7								0.06	4.69	4.96
TUE	28	18	0.00	0.05879	0.0040																	4.69	5.27
WED	1	25	0.00	0.05864	0.0040							9.2	6.6	4.8							0.71	4.02	3.72
THU	2	26	0.00	0.05554	0.0035																	2.68	3.41
FRI	3	28	0.00	0.07262	0.0050								6.6								0.01	2.68	4.03
SAT	4	34	0.03	0.04957	0.0015																	0.67	2.17
SUN	5	32	0.04	0.05743	0.0015																	1.34	3.41
MON	6	32	0.06	0.06913	0.0025							10.9	6.6								0.14	2.68	3.72
TUE	7	35	0.31	0.06466	0.0030																	0.67	3.10
WED	8	33	0.43	0.06003	0.0035								6.6								0.00	2.68	6.82
THU	9	30	0.02	0.06381	0.0020																	2.01	1.86
FRI	10	29	0.00	0.06017	0.0025								6.5								0.01	1.34	5.89
SAT	11	22	0.00	0.04823	0.0020																	1.34	1.86
SUN	12	22	0.00	0.05315	0.0025																	2.01	3.72
MON	13	15	0.00	0.05591	0.0030							10.1	6.4								0.00	1.34	3.72
TUE	14	7	0.00	0.05654	0.0025				112	57	146	74			8.0	4.1	4.8	2.5				2.01	5.58
WED	15	5	0.00	0.05405	0.0025								6.4						32.0	0.01		2.01	4.34
THU	16	6	0.00	0.06515	0.0025																	2.01	1.86
FRI	17	7	0.00	0.08451	0.0025								6.5								0.15	2.68	5.89
SAT	18	13	0.00	0.04527	0.0015																	0.67	1.86
SUN	19	27	0.30	0.05220	0.0015																	1.34	2.79
MON	20	37	0.22	0.07498	0.0025								6.9								0.02	3.35	3.72
TUE	21	37	0.00	0.06327	0.0025																	2.01	3.72
WED	22	39	0.00	0.06146	0.0025							10.0	6.5								0.11	2.01	3.10
THU	23	40	0.00	0.06311	0.0025																	2.01	3.10
FRI	24	40	0.01	0.06558	0.0025								6.7								0.01	1.26	4.65
SAT	25	35	0.08	0.06096	0.0015																	0.67	0.93
SUN	26	39	0.01	0.06403	0.0015																	1.34	3.72
MON	27	39	0.00	0.06289	0.0025								6.6								0.00	2.68	4.34
TUE	28	36	0.00	0.05290	0.0025																	2.01	5.89
WED	29	37	0.00	0.06151	0.0025								6.5								0.02	1.34	4.65
THU	30	36	0.00	0.06244	0.0025																	2.01	4.03
FRI	31	35	0.00	0.06650	0.0025								6.6								0.01	2.68	3.72
SAT	1	37	0.00	0.05277	0.0025																	0.67	2.48
TOTAL			1.51	2.12252	0.0880																	71.61	130.82
MAXIMUM		40	0.43	0.08451	0.0050				112	57	146	74	10.9	6.9	4.8	8.0	4.1	4.8	2.5	32.0	0.71	4.69	6.82
MINIMUM		5	0.00	0.04527	0.0015				112	57	146	74	9.2	6.4	4.8	8.0	4.1	4.8	2.5	32.0	0.00	0.67	0.93
AVERAGE		27.7	0.04	0.06064	0.0025				112	57	146	74	10.1	6.6	4.8	8.0	4.1	4.8	2.5	32.0	0.08	2.05	3.74

COMMENTS:

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

WEEK	WEEKLY AVERAGE				WEEKLY	
	BOD mg/l	TSS lbs	CHLORINE mg/l	COLIFORM Geoc Mean		
1			0.26	3.06		
2			0.05	1.72		
3	4.8	2.4	8.0	4.0	0.05	1.82
4			0.05	1.81		
5			0.01	1.82		
MAX	4.8	2.4	8.0	4.0	0.26	3.06

% REMOVAL	
B.O.D.	96.7
S.S.	96.3