

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			

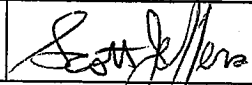
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 9/3/2006	To: 9/30/2006

**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	4.4			1	0	mg/l	1/month	Grab	
	Limits	2.0	N/A	N/A	N/A	report				
Biochemical Oxygen Demand (influent) 00310 G	Results		227	227	227	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		9.4	9.4	9.4	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		13.1	13.1	13.1	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report	report			
pH (effluent) 00400 1	Results	6.1			6.8	11	0	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	9.0	report	report			
Total Suspended Solids (influent) 00530 G	Results		264	264	264	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		5.0	5.0	5.0	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		7.0	7.0	7.0	1	0	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		4.0	4.0	4.0	1	0	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0862	0.1050	0.1439	28	0	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.01	0.02	0.06	12	0	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report	report			
Biochemical Oxygen Demand % removal 81010 K	Results	94.2					0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal 81011 K	Results	97.3					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	 DATE: 10/5/06 TELEPHONE: (907) 586-0393

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)  
 CHECK HERE IF THERE WAS NO DISCHARGE DURING THE ENTIRE REPORTING PERIOD

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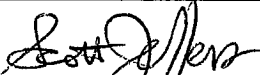
Applicant Name: City and Borough of Juneau	Responsible party: Scott Jeffers/WW Utilities Superint.
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Rico Tempel
Location: Auke Bay, Juneau	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 9/3/2006	To: 9/30/2006

**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		1.0		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		1.0		1.0	1	0	#/100 ml	Twice per year – 2/year	Grab
	Permit Limits	N/A	NA	N/A	NA	report	report			
Dissolved Oxygen	Analytical Results							mg/l	Upon request by ADEC	Grab
	Permit Limits	6	N/A	N/A	17	report	report			
pH	Analytical Results							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	0.0075	report	report			

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Scott Jeffers WW Superintendent		10/5/06 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

**AUKE BAY WASTEWATER TREATMENT FACILITY**  
Juneau, Alaska

September 2006

**EPA REPORT**

DAY	DATE	WEATHER		FLOWS		INFLUENT					EFFLUENT					MISCELLANEOUS								
		TEMP °F	RAIN FALL INCHES	EFFLUENT 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>3</sub> USED LBS	
SUN	3	52	0.06	0.05808	0.0015																0.01	2.01	3.10	
MON	4	55	0.14	0.06793	0.0020																	2.68	4.96	
TUE	5	53	0.17	0.08624	0.0020																	3.35	4.96	
WED	6	50	0.51	0.08955	0.0020	14.2	6.8	5.8				15.4	6.4	4.4								2.68	4.34	
THU	7	53	0.68	0.10108	0.0020																	6.03	4.65	
FRI	8	55	0.24	0.08329	0.0020																	0.00	2.68	5.89
SAT	9	49	0.78	0.09241	0.0020																	2.68	4.03	
SUN	10	49	0.66	0.09099	0.0020																	0.00	2.01	6.82
MON	11	52	0.13	0.08006	0.0020																	6.03	7.13	
TUE	12	49	0.00	0.07798	0.0025																	0.01	2.68	4.96
WED	13	48	0.00	0.07316	0.0020																	0.06	2.01	3.43
THU	14	48	0.00	0.07553	0.0020																		1.34	2.38
FRI	15	47	0.00	0.06891	0.0010																		0.67	4.76
SAT	16	46	0.00	0.06826	0.0020																	0.00	3.35	2.38
SUN	17	46	0.00	0.07208	0.0015																		8.04	9.18
MON	18	47	0.04	0.07106	0.0015																	0.00	3.35	2.38
TUE	19	49	0.63	0.07576	0.0020																		2.68	5.10
WED	20	49	0.59	0.08785	0.0025																	0.01	2.68	3.74
THU	21	54	0.19	0.08111	0.0020																		2.01	2.04
FRI	22	51	0.54	0.08860	0.0025																		2.01	4.42
SAT	23	51	0.15	0.08744	0.0015																	0.01	1.34	5.78
SUN	24	48	2.73	0.14390	0.0015																		1.34	2.38
MON	25	49	0.06	0.09801	0.0020																	0.01	2.68	4.08
TUE	26	52	0.73	0.09988	0.0015																		2.01	6.46
WED	27	54	0.31	0.08010	0.0025																	0.00	1.34	5.10
THU	28	51	1.20	0.12035	0.0025																		1.34	2.38
FRI	29	50	0.30	0.10319	0.0025																			
SAT	30	45	0.25	0.08941	0.0015																		81.07	125.96
<b>TOTAL</b>				11.09	2.41319	0.05450																0.06	8.04	9.18
<b>MAXIMUM</b>		55	2.73	0.14390	0.00250	14.2	6.8	5.8	264	190	227	163	15.4	6.1	4.4	7.0	5.0	13.1	9.4	4.0	0.00	0.67	2.04	
<b>MINIMUM</b>		45	0.00	0.05808	0.00100	14.2	6.8	5.8	264	190	227	163	15.4	6.5	4.4	7.0	5.0	13.1	9.4	4.0	0.01	2.90	4.50	
<b>AVERAGE</b>		50.1	0.40	0.08619	0.00195	14.2	6.8	5.8	264	190	227	163	15.4	6.1	4.4	7.0	5.0	13.1	9.4	4.0	0.01	2.90	4.50	

NO. OF ANALYSIS 28

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

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY		
		BOD		TSS		CHLORINE		COLIFORM
		mg/l	lbs	mg/l	lbs	mg/l	lbs	Geo. Mean
1	0.08265	13.1	9.4	7.0	5.0	0.01	3.2	4.0
2	0.07656					0.02	3.4	
3	0.08056					0.00	3.3	
4	0.10498					0.01	1.7	
<b>AVG</b>	<b>0.08619</b>	<b>13.1</b>	<b>9.42</b>	<b>7.0</b>	<b>5.0</b>	<b>0.01</b>	<b>2.9</b>	<b>4.0</b>
<b>MAX</b>	<b>0.10498</b>	<b>13.1</b>	<b>9.42</b>	<b>7.0</b>	<b>5.0</b>	<b>0.02</b>	<b>3.4</b>	<b>4.0</b>

% REMOVAL	
B.O.D.	94.2
S.S.	97.3