

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			

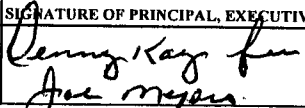
Applicant Name: City and Borough of Juneau	Responsible party: Denny Kay / Auke Bay WWTP Supervisor
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Cort Franklin
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 11/29/2009	To: 12/26/2009

Outfall 001

Parameter		Min. Value	Monthly Average	Weekly Average	Max. Value	Number of Analyses	Number of Violations	Units	Frequency of Analysis	Sample Method	
											Results
Dissolved Oxygen (effluent)	00300 1	Results	3.1			1	0	mg/l	1/month	Grab	
		Limits	2.0	N/A	N/A	N/A	report				report
Biochemical Oxygen Demand (influent)	00310 G	Results		221	221	221	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		1.4	1.4	1.4	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		3.0	3.0	3.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
pH (effluent)	00400 1	Results	6.6			7	13	0	Std. Units	3/week	Grab
		Limits	6.0	N/A	N/A	9.0	report	report			
Total Suspended Solids (influent)	00530 G	Results		268	268	268	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		1.8	1.8	1.8	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		4.0	4.0	4.0	1	0	mg/l	1/month	Grab or Composite
		Limits	N/A	30	45	60	report	report			
Fecal Coliform Bacteria (effluent)	31616 1	Results		1.0	1.0	1.0	1	0	#/100 ml	1/month	Grab
		Limits	N/A	200	400	800	report	report			
Flow Rate (effluent or influent)	50050 1	Results		0.0578	0.0671	0.0762	28	0	mgd	Daily 5/week	Measured/ recorded
		Limits	N/A	report	report	0.16	report	report			
Total Residual Chlorine (effluent)	50060 1	Results		0.04	N/A	0.32	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	98.6					0	%	1/month	Calculated
		Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids % removal	81011 K	Results	98.5					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		
Joe Myers: WW Superintendent		1/07/10	(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

Permit number: AKG-57-1000-013	Expires: July 20, 2009	Submit this report	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: Denny Kay/ Auke Bay WWTP Suprv
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: 11/29/2009	To: 12/26/2009

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							#/100 ml	Twice per year - 2/year	Grab
	Permit Limits	N/A	14	N/A	43	report	report			
Fecal Coliform Bacteria (Shoreline)	Analytical Results							#/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							mg/l	Twice per year - 2/year	Grab
	Permit Limits	N/A	N/A	N/A	0.0075	report	report			

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Joe Myers WW Superintendent	<i>Denny Kay for Joe Myers</i>	1/07/10	(907)586-0393
		DATE	TELEPHONE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENT HERE)

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EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

December 2009

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 ₂ RESIDUAL mg/L	Cl ₂ USED LBS	Na2SO3 USED LBS			
SUN	29			0.06742	0.0030																					
MON	30			0.06347	0.0030																					
TUE	1			0.06629	0.0030																					
WED	2			0.07624	0.0030																					
THU	3			0.07568	0.0030																					
FRI	4			0.06038	0.0030																					
SAT	5			0.05990	0.0030																					
SUN	6			0.06190	0.0030																					
MON	7			0.06256	0.0030																					
TUE	8			0.05473	0.0045																					
WED	9			0.06114	0.0045																					
THU	10			0.06090	0.0030																					
FRI	11			0.05270	0.0030																					
SAT	12			0.05395	0.0030																					
SUN	13			0.05372	0.0030																					
MON	14			0.05350	0.0030																					
TUE	15			0.05396	0.0045	12.1	7.3	6.8	268	121	221	99	11.5	6.7	3.1	4	1.8	3.0	1.4	1.0	0.02	4.02	1.86	2.48		
WED	16			0.05398	0.0030																					
THU	17			0.06210	0.0045																					
FRI	18			0.05149	0.0030																					
SAT	19			0.04624	0.0030																					
SUN	20			0.04860	0.0030																					
MON	21			0.04104	0.0030								10.6	6.8												
TUE	22			0.04163	0.0030																					
WED	23			0.04540	0.0030																					
THU	24			0.06308	0.0030																					
FRI	25			0.06343	0.0030																					
SAT	26			0.05979	0.0030																					
TOTAL				0.00	0.09000																					
MAXIMUM		0	0.00	0.07624	0.00450	12.1	7.3	6.8	268	121	221	99	11.5	7.0	3.1	4.0	1.8	3.0	1.4	1.0	0.32	4.02	1.86	2.48		
MINIMUM		0	0.00	0.04104	0.00300	12.1	7.3	6.8	268	121	221	99	10.6	6.6	3.1	4.0	1.8	3.0	1.4	1.0	0.00	4.02	1.86	2.48		
AVERAGE		#DIV/0!	#DIV/0!	0.05776	0.00321	12.1	7.3	6.8	268	121	221	99	11.1	6.8	3.1	4.0	1.8	3.0	1.4	1.0	0.04	4.02	1.86	2.48		

NO OF ANALYSIS 28
COMMENTS:
*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES

WEEK	FLOW	WEEKLY AVERAGE				WEEKLY		
		BOD mg/l	TSS lbs	CHLORINE mg/l	COLIFORM Geo. Mean	BOD mg/l	TSS lbs	COLIFORM Geo. Mean
1	0.06705			0.11	1.63			
2	0.05827			0.01	2.49			
3	0.05386	3.0	1.4	0.02	3.25	1.0		
4	0.05185			0.02	2.39			
MAX	0.06705	3.0	1.35	0.11	3.25	1.0	1.0	

% REMOVAL	
B.O.D.	98.6
S.S.	98.5