

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: Tom Trego/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Denny Kay
Location: Auke Bay, AK	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 8/29/2010	To: 9/25/2010

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	2.4			20	0	mg/l	1/month	Grab
	Limits	2.0	N/A	N/A	report	report			
Biochemical Oxygen Demand (influent) 00310 G	Results		250	250	250	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		17.3	17.3	17.3	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Biochemical Oxygen Demand (effluent) 00310 W 00310 1	Results		22.0	22.0	22.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
pH (effluent) 00400 1	Results	7.2			20	0	Std. Units	3/week	Grab
	Limits	6.0	N/A	N/A	report	report			
Total Suspended Solids (influent) 00530 G	Results		264	264	264	1	mg/l	1/month	Grab or Composite
	Limits	N/A	report	report	report	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		7.1	7.1	7.1	1	lbs/day	1/month	Grab or Composite
	Limits	N/A	40	60	80.1	report			
Total Suspended Solids (effluent) 00530 W 00530 1	Results		9.0	9.0	9.0	1	mg/l	1/month	Grab or Composite
	Limits	N/A	30	45	60	report			
Fecal Coliform Bacteria (effluent) 31616 1	Results		35.0	35.0	35.0	1	#/100 ml	1/month	Grab
	Limits	N/A	200	400	800	report			
Flow Rate (effluent or influent) 50050 1	Results		0.0695	0.0749	0.1071	28	mgd	Daily 5/week	Measured/recorded
	Limits	N/A	report	report	0.16	report			
Total Residual Chlorine (effluent) 50060 1	Results		0.01	0.012	0.13	14	mg/l	3/week	Grab
	Limits	N/A	0.50	N/A	1.0	report			
Biochemical Oxygen Demand % removal 81010 K	Results	91.2				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	report			
Total Suspended Solids % removal 81011 K	Results	96.6				0	%	1/month	Calculated
	Limits	85%	N/A	N/A	N/A	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		
Tom Trego WW Superintendent	Nathan D. McCombs	10/8/2010	(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

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: Tom Trego/WW Utilities Superintendent
Address: 155 South Seward, Juneau, AK 99801	Phone / email: (907)586-0393
Facility: Auke Bay Wastewater Treatment Facility	Onsite Contact: Denny Kay
Location: Auke Bay, Juneau	Phone: (907)586-0393

Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 8/29/2010	To: 9/25/2010

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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NAME, TITLE OF PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL, EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Tom Trego WW Superintendent	Nathan D. McCombs	10/8/10	(907)586-0393
	<small>Digitally signed by Nathan D. McCombs DN: cn=Nathan D. McCombs, o=CBLL ou=CBLL Public Utilities, ou=Juneau, postalCode=99801, st=AK, c=US</small>	DATE	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 2010

1 REPORT

DAY	DATE	FLOWS				INFLUENT				EFFLUENT				MISCELLANEOUS					
		INFLUENT MSD	WASTE SLUDGE MSD	TEMP °C	PH	D.O. mg/L	S.S. mg/L	B.O.D. mg/L	B.O.D. LBS	TEMP °C	PH	D.O. mg/L	S.S. mg/L	B.O.D. mg/L	B.O.D. LBS	FECAL COLIFORM /100 ml	CHLORINE RESIDUAL mg/L	CHLORINE LBS	Na2SO3 USED LBS
SUN	29	0.07404	0.0025	17.3	7.7	6.9			16.8	7.4	4.2					0.00	4.69	4.69	6.82
MON	30	0.07236	0.0025	18.3	8.0	5.7			17.1	7.4	3.5					0.00	6.70	6.70	3.72
TUE	31	0.05316	0.0025	17.8	7.8	6.0			17.0	7.4	3.8					0.00	5.38	5.38	7.44
WED	1	0.07595	0.0025	17.0	7.6	6.3	264	200	16.1	7.3	3.6	9	7	22	17	35	3.35	5.58	5.58
THU	2	0.09454	0.0025	17.0	7.6	6.3			16.5	7.4	5.6					0.01	4.69	4.69	7.44
FRI	3	0.07080	0.0025	17.2	7.7	6.4											4.69	7.44	
SAT	4	0.07261	0.0030														4.69	7.44	
SUN	5	0.06566	0.0025														4.69	6.82	
MON	6	0.07497	0.0030	15.3	7.5	6.0			16.5	7.3	3.6					0.00	4.02	4.02	6.88
TUE	7	0.10713	0.0025	20.1	7.4	2.0			18.2	7.4	4.2					0.00	8.04	8.04	7.44
WED	8	0.07809	0.0025	18.0	7.8	6.5			16.9	7.2	4.5					0.00	5.36	5.36	4.34
THU	9	0.04053	0.0025	17.9	7.8	6.0			17.0	7.3	3.2					0.00	6.70	6.70	2.48
FRI	10	0.06968	0.0030	17.5	7.8	5.7			17.0	7.5	4.1					0.00	4.02	4.02	6.06
SAT	11	0.06791	0.0030														5.36	6.37	
SUN	12	0.07152	0.0030														6.03	7.44	
MON	13	0.07210	0.0030	16.8	7.8	6.2			17.3	7.3	4.1					0.03	5.36	5.36	6.82
TUE	14	0.07027	0.0030	17.8	7.7	6.4			16.6	7.3	3.1					4.02	4.02	4.96	
WED	15	0.09490	0.0030	18.1	7.8	7.5			16.4	7.4	4.4					0.13	2.68	2.68	4.34
THU	16	0.03747	0.0030	19.8	7.7	8.9			17.8	7.3	4.8					4.02	4.02	5.56	
FRI	17	0.06071	0.0045	18.7	7.8	6.2			17.3	7.4	3.5					0.00	1.31	1.31	7.75
SAT	18	0.06323	0.0030														5.36	7.44	
SUN	19	0.06732	0.0025														5.36	6.06	
MON	20	0.06188	0.0025	17.5	7.8	6.1			15.9	7.3	2.4					0.00	5.36	5.36	6.06
TUE	21	0.06056	0.0025	15.8	7.8	6.4			16.5	7.4	3.3					0.00	4.69	4.69	9.30
WED	22	0.05874	0.0025	16.5	7.3	6.1			16.6	7.5	3.3					0.00	5.36	5.36	3.10
THU	23	0.08172	0.0025	17.2	7.7	6.3			16.7	7.5	2.9					0.00	5.36	5.36	3.10
FRI	24	0.06415	0.0025	17.4	8.0	5.4			16.8	7.4	3.0					0.00	4.02	4.02	6.06
SAT	25	0.06384	0.0030														5.36	6.20	
TOTAL		1.94584	0.07750														136.65		182.60
MAXIMUM		0.10713	0.00450	20.1	8.0	7.5	264	208	18.2	7.5	5.8	8	7	22	17	35	8.04	8.04	9.30
MINIMUM		0.03747	0.00250	15.3	7.3	2.0	264	200	15.9	7.2	2.4	8	7	22	17	35	0.00	1.31	2.48
AVERAGE		0.06950	0.00277	17.7	N/A	6.1	264	208	16.8	7.4	3.7	9	7	22	17	35	0.01	4.69	6.53
NO. OF ANALYSES		28	28	28	28	28	1	1	1	1	1	1	1	1	1	1	14		

NO. OF ANALYSES	WEEKLY AVERAGE				WEEKLY AVERAGE				WEEKLY AVERAGE			
	DO mg/L	PH	TEMP °C	COLOUR COUFORM	DO mg/L	PH	TEMP °C	COLOUR COUFORM	DO mg/L	PH	TEMP °C	COLOUR COUFORM
1	0.07335	22.0	17.3	8.0	7.1	0.00	4.9	35.0				
2	0.07485					0.00	5.5					
3	0.06717					0.05	4.1					
4	0.06282					0.00	5.1					
MAX	0.07485	22.0	17.35	9.3	7.1	0.05	5.5	35.0				

COMMENTS:
 -GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLOMIES