

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

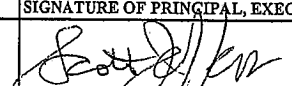
Required Reporting Frequency Monthly	Discharge: Secondary treated wastewater discharged into Auke Bay	Sample Period	
		From: 1/1/2006	To: 1/28/2006

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		0.06030		0.07085	28	1	mgd	Daily 5/week	Measured/ recorded
	Permit Limits	N/A	report	N/A	0.16	report	report			
Biochemical Oxygen Demand (influent)	Analytical Results		286	286	286	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		9.24	9.24	9.24	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Biochemical Oxygen Demand (effluent)	Analytical Results		4.6	4.6	4.6	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	96.8					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Total Suspended Solids (influent)	Analytical Results		256	256	256	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	report	report	report	report	report			
Total Suspended Solids (effluent)	Analytical Results		4.0	4.0	4.0	1	0	mg/l	1/month	Grab or Composite
	Permit Limits	N/A	30	45	60	report	report			
Total Suspended Solids (effluent)	Analytical Results		2.0	2.0	2.0	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	98.4					0	%	1/month	Calculated
	Permit Limits	85%	N/A	N/A	N/A	report	report			
Fecal Coliform Bacteria (effluent)	Analytical Results		5.0		5.0	1	0	#/100 ml	1/month	Grab
	Permit Limits	N/A	200	N/A	800	report	report			
Dissolved Oxygen (effluent)	Analytical Results	2.9				2	0	mg/l	1/month	Grab
	Permit Limits	2	N/A	N/A	N/A	report	report			
pH (effluent)	Analytical Results	6.2			6.9	12	0	Std. Units	3/week	Grab
	Permit Limits	6	N/A	N/A	9	report	report			
Total Residual Chlorine (effluent)	Analytical Results		0.02		0.13	12	0	mg/l	3/week	Grab
	Permit Limits	N/A	0.50	N/A	1.00	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	
	DATE: 2/8/06
	TELEPHONE: 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



CITY/BOROUGH OF JUNEAU
ALASKA'S CAPITAL CITY

Date: Feb 07, 2006
Re: Permit communication
Permit: AKG-57-1000-013

David Domingo
Environmental Protection Agency
NPDES Compliance Unit, OW-133.
1200 Sixth Avenue
Seattle, WA. 98101

CERTIFIED MAIL # 7003 2260 0007 2179 9320

Mr. Domingo,

This letter is to follow up on the message I left on the EPA region 10 non-compliance hotline on February 03, 2006 regarding a violation of the Auke Bay WWTP.

From January 13 through January 16, 2006 the flow totalizer was malfunctioning (not giving a read out). The meter has been repaired, and a new has been ordered.

For reporting purposes the monthly average flow has been used for the above mentioned dates.


I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SE 18 USC 1001 AND 22 USC 1319 (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 5 MONTHS AND SIX YEARS)

If you have any question or concerns please call me at (907) 586-0393

Sincerely,



Rico Tempel
Mendenhall & Auke Bay W/W Treatment Plants Sr. Operator

Cc: Shawn Stokes, ADEC
Joe Buck, Public Works Director, CBJ
Scott Jeffers, WW Superintendent, CBJ 
File
DMR

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

January 2006

EPA REPORT

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	Na ₂ SO ₃ USED LBS
SUN	1	33	0.21	0.05493	0.00250																0.02	1.34	3.10
MON	2	32	0.08	0.05588	0.00250	10.3	7.2	5.7					6.4									1.34	4.34
TUE	3	32	0.04	0.04843	0.00250				256	129	286	144				4.0	2	9.2	4.6			1.34	4.34
WED	4	29	0.02	0.05001	0.00250	10.8	7.3	6.4					11.6	6.2	3.4				5.0	0.00		2.68	1.24
THU	5	34	0.13	0.06778	0.00200																	2.01	3.72
FRI	6	38	0.22	0.06812	0.00200								11.2	6.4						0.00		1.34	2.48
SAT	7	35	0.00	0.05767	0.00250																	1.34	3.72
SUN	8	37	0.02	0.05005	0.00150																	1.34	3.10
MON	9	37	0.21	0.06151	0.00250	10.7	7.1						11.2	6.6						0.00		2.01	3.10
TUE	10	36	0.10	0.05250	0.00200																	2.01	3.10
WED	11	35	0.04	0.05981	0.00200									6.5						0.00		2.01	2.48
THU	12	32	0.18	0.06703	0.00200																	2.68	3.10
FRI	13	25	0.00	0.06030	0.00150									6.6						0.13		2.68	4.65
SAT	14	23	0.00	0.06030	0.00300																	1.34	1.24
SUN	15	26	0.01	0.06300	0.00300																	1.34	2.79
MON	16	28	0.00	0.06030	0.00150									6.7						0.00		1.34	6.20
TUE	17	29	0.00	0.06149	0.00200																	2.68	5.58
WED	18	27	0.27	0.06186	0.00250									6.6						0.01		2.68	6.79
THU	19	30	0.06	0.05853	0.00200																	3.35	3.41
FRI	20	32	0.01	0.06045	0.00250								11.4	6.9						0.03		2.68	2.56
SAT	21	36	0.40	0.07085	0.00250																	6.70	1.55
SUN	22	35	0.09	0.06300	0.00150																	2.68	3.72
MON	23	29	0.05	0.06865	0.00250								11.5	6.5	2.9					0.00		6.70	4.34
TUE	24	26	0.53	0.06972	0.00200																	3.35	3.72
WED	25	18	0.07	0.06089	0.00200								11.6	6.7						0.04		3.35	4.34
THU	26	21	0.02	0.06802	0.00200																	4.69	5.58
FRI	27	24	0.01	0.05047	0.00100								10.6	6.7						0.05		5.36	4.03
SAT	28	24	0.13	0.05680	0.00150																	2.01	3.10
TOTAL			2.90	2.18835	0.05950																	74.37	101.42
MAXIMUM		38	0.53	0.07085	0.00300	10.8	7.3	6.4	256	129	286	144	11.6	6.9	3.4	4.0	2.0	9.2	4.6	5.0	0.13	6.70	6.79
MINIMUM		18	0.00	0.04843	0.00100	10.3	7.1	5.7	256	129	286	144	10.6	6.2	2.9	4.0	2.0	9.2	4.6	5.0	0.00	1.34	1.24
AVERAGE		30.1	0.10	0.06030	0.00213	10.6	7.2	6.1	256	129	286	144	11.3	6.6	3.2	4.0	2.0	9.2	4.6	5.0	0.02	2.66	3.62

NO. OF ANALYSIS

28

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COMMENTS:

*GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
* USED MONTHLY AVERAGE FLOW JAN 13 THROUGH JAN 16, SEE INCLOSED VIOLATION LETTER

WEEK	WEEKLY AVERAGE				WEEKLY	
	BOD mg/l	lbs	TSS mg/l	lbs	CHLORINE mg/l	COLIFORM Geo. Mean
1	9.2	4.6	4.0	2.0	0.007	1.63
2					0.043	2.01
3					0.014	2.97
4					0.030	4.02
MAX	9.2	4.65	4.0	2.0	0.04	4.02

% REMOVAL	
B.O.D.	96.8
S.S.	98.4