

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

F - FINAL

PERMITTEE NAME/ADDRESS		PERMIT NUMBER		DISCHARGE NUMBER				
JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD JUNEAU, ALASKA 99801		AK0021407		001 A				
FACILITY:		MONITORING PERIOD		YEAR				
AUIKE BAY TREATMENT FACILITY		2000		MO 11 DAY 01				
LOCATION:		MAJOR (SUBR-01)		YEAR				
JUNEAU, ALASKA				2000				
PARAMETER	QUANTITY OR LOADING	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
TEMPERATURE, WATER DEG. CENTIGRADE	AVERAGE ***** MAXIMUM *****	*****	13.6	15.2				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	REPORT DAILY AVG	REPORT DAILY MAX	DEG. C	0	5/7	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT 5.3 PERMIT REQUIREMENT 25 DAILY AVG	*****	5.3	5.3	LBS/DAY	0	1/MO	COMP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	25	50 DAILY MAX			COMP 24 - ONCE/MONTH	
pH	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	6.1	*****	7.0	MG/L	0	5/7	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	6.0 MIN	*****	9.0 MAXIMUM	SU		DAILY GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT 6.3 PERMIT REQUIREMENT 25 DAILY AVG	*****	6.3	10		0	1/MO	COMP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	25	50 DAILY MAX	LBS/DAY		COMP 24 - ONCE/MONTH	
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	*****	*****	0.00		0	1/MO	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	*****	REPORT DAILY MAX	ML/L		DAILY GRAB	
COLIFORM, FECAL MF, M-F-C BROTH, 44.5C	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT *****	*****	*****	8	#	0	1/MO	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	30 DAY GEO	400 7 DAY GEO	100 ML		DAILY GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT 0.075 PERMIT REQUIREMENT *****	*****	0.075	*****		0	7/7	CONT.
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	*****	*****			DAILY	

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.)

NAME/TITLE: *Andrew W. Bronson* Andrew W. Bronson  
OFFICER  
NAME/ADDRESS: ANDREW BRONSON- WASTEWATER UTILITIES SUPERINTENDENT  
TELEPHONE: 907 789 9919  
DATE: 2000 12 08

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

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AUKE BAY WASTEWATER TREATMENT FACILITY  
Juneau, Alaska

November 2000

EPA REPORT

DAY	WEATHER			FLOWS			INFLUENT					EFFLUENT					MISCELLANEOUS								
	DATE	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	C <sub>10</sub> RESIDUAL MG/L	C <sub>10</sub> RESIDUAL LBS	USED LBS	EFFLUENT SETTLABLE SOLIDS	
SUN	29	33	0.00	0.07156	0.00150	12.7	7.2	7.7													1.00	3.35	3.35	0.00	
MON	30	37	0.42	0.07831	0.00150	14.3	7.1	5.0													0.79	3.35	3.35	0.00	
TUE	31	43	0.22	0.07753	0.00150	15.5	7.6	4.6													0.18	3.35	3.35	0.00	
WED	1	44	0.00	0.07408	0.00150	12.7	7.7	6.2	160	99	210	130	14.4	6.8	3.0	10.0	6	8.5	5	6	0.81	3.35	4.02	0.00	
THU	2	40	0.51	0.08101	0.00150	13.9	7.6	5.8													1.27	4.02	4.02	0.00	
FRI	3	41	0.20	0.07589	0.00150	15.4	6.9	4.6													1.18	5.36	5.36	0.00	
SAT	4	35	0.00	0.07240	0.00150	14.2	6.9	4.7													1.00	5.36	5.36	0.00	
SUN	5	33	0.02	0.07283	0.00150	12.6	7.0	7.8													1.00	6.03	6.03	0.00	
MON	6	37	0.32	0.07621	0.00150	13.7	6.9	5.4													1.53	6.03	6.03	0.00	
TUE	7	39	0.07	0.07357	0.00150	12.7	7.9	5.7													1.46	6.70	6.70	0.00	
WED	8	38	0.00	0.07263	0.00150	15.2	6.9	5.4													1.89	5.36	5.36	0.00	
THU	9	33	0.00	0.07302	0.00150	11.9	6.9	5.8													1.13	5.36	5.36	0.00	
FRI	10	33	0.06	0.07304	0.00150	13.1	7.2	5.9													0.61	3.35	3.35	0.00	
SAT	11	40	0.73	0.07585	0.00150	10.2	6.9	6.0													0.80	2.01	2.01	0.00	
SUN	12	40	0.27	0.07078	0.00150	13.3	6.5	7.4													0.50	2.68	2.68	0.00	
MON	13	38	0.00	0.06905	0.00150	14.7	8.0	6.2													0.85	2.68	2.68	0.00	
TUE	14	41	0.00	0.07153	0.00000	12.7	6.8	6.2													0.36	2.68	2.68	0.00	
WED	15	36	0.19	0.07674	0.00000	9.8	7.0	6.5													0.65	4.02	4.02	0.00	
THU	16	35	0.28	0.07575	0.00150	12.5	7.0	6.0													1.49	4.02	4.02	0.00	
FRI	17	38	0.55	0.08199	0.00150	14.3	7.1	5.6													2.03	4.69	4.69	0.00	
SAT	18	36	0.07	0.07924	0.00000	12.7	6.8	5.4													1.20	5.36	5.36	0.00	
SUN	19	37	0.20	0.07628	0.00150	13.4	6.9	4.8													2.00	6.0	6.0	0.00	
MON	20	42	0.44	0.07814	0.00000	12.7	7.5	4.6													1.05	6.03	6.03	0.00	
TUE	21	46	0.60	0.07935	0.00150	13.3	7.1	4.4													1.57	6.03	6.03	0.00	
WED	22	43	0.52	0.08488	0.00150	11.0	6.8	5.2													1.67	6.70	6.70	0.00	
THU	23	38	0.68	0.09763	0.00150	10.4	6.7	5.5													1.50	6.70	6.70	0.00	
FRI	24	40	0.24	0.05921	0.00150	12.5	7.0	5.4													1.80	6.03	6.03	0.00	
SAT	25	38	0.12	0.07801	0.00150	11.1	7.0	6.6													2.00	4.69	4.69	0.00	
SUN	26	40	0.10	0.06641	0.00100	10.1	6.9	5.8													1.21	6.70	6.70	0.00	
MON	27	38	0.09	0.07602	0.00150	12.1	7.3	5.2													0.99	4.02	4.02	0.00	
TUE	28	32	0.01	0.07536	0.00150	12.6	7.0	4.6													1.00	5.36	5.36	0.00	
WED	29	33	0.00	0.06555	0.00200	11.6	7.6	4.2													2.19	4.02	4.02	0.00	
THU	30	34	0.08	0.08234	0.00150	14.4	7.2	4.8													1.42	4.69	4.69	0.00	
FRI	1	37	0.25	0.07289	0.00250	11.9	7.4	5.7													2.20	5.36	5.36	0.00	
SAT	2	38	0.13	0.07023	0.00050	12.4	6.8	5.0													2.20	168.83	168.83	0.00	
TOTAL			7.39	2.63329	0.04650																				
MAXIMUM		46	0.73	0.09763	0.00250	15.5	8.0	7.8	160	99	210	130	15.2	7.0	4.6	10.0	6	8.5	5	8	3.00	6.70	6.70	0.00	
MINIMUM		32	0.00	0.05921	0.00000	9.8	6.5	4.2	160	99	210	130	11.9	6.1	1.9	10.0	6	8.5	5	8	0.18	2.01	2.01	0.00	
AVERAGE		38	0.21	0.07524	0.00133	12.8	7.1	5.6	160	99	210	130	13.6	6.5	2.7	10.0	6	8.5	5	8	1.30	4.77	4.77	0.00	

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

WEEK	WEEKLY AVERAGE			WEEKLY		
	BOD MG/L	TSS LBS	CHLORINE MG/L	BOD LBS	TSS LBS	COLIFORM MG/L
29-04	8.5	5.3	10.0	6.2	0.8900	4.0
05-11					1.2029	4.9
12-18					1.0114	3.7
19-25					1.6557	6.0
26-02					1.7157	5.2
MAX	8.5	5.25	10.0	6	1.7157	6.0

% REMOVAL	
B.O.D.	96
S.S.	96