

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

F - FINAL

PERMITTEE NAME/ADDRESS JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD JUNEAU, ALASKA 99801		PERMIT NUMBER AK0021407		001 A		DISCHARGE NUMBER			
FACILITY: AUKIE BAY TREATMENT FACILITY		FROM 2001		MONITORING PERIOD MO 05 DAY 01		YEAR 2001			
LOCATION: JUNEAU, ALASKA		TO 2001		MAJOR (SUBR 01)		MO 05 DAY 31			
PARAMETER	MEASUREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	MINIMUM	AVERAGE				MAXIMUM
TEMPERATURE, WATER DEG, CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	*****	13.1	14.4	0	5/7	GRAB
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY AVG	REPORT DAILY MAX	0	DAILY	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	2.6	2.6	*****	5	5	0	1/MO	
000310 1 0 0	PERMIT REQUIREMENT	25	50	*****	30	60	0	ONCE/MONTH	COMP 24
EFFLUENT GROSS VALUE	DAILY AVG	DAILY AVG	DAILY MAX	6.0	DAILY AVG	DAILY MAX	0	5/7	
PH	SAMPLE MEASUREMENT	*****	*****	6.0	*****	7.2	0		
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	6.0 MIN	*****	9.0 MAXIMUM	0	DAILY	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.4	3.4	*****	6	6	0	1/MO	
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	25	50	*****	30	60	0	ONCE/MONTH	COMP 24
000330 1 0 0	PERMIT REQUIREMENT	DAILY AVG	DAILY MAX	*****	DAILY AVG	DAILY MAX	0	1/MO	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	0.00	0.00	0		
SOLIDS, SETTLEABLE	PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY AVG	REPORT DAILY MAX	0	DAILY	GRAB
00045 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	2	2	0	1/MO	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	200	400	0	ONCE/MONTH	GRAB
COLIFORM, FECAL MF, M-FC BROTH, 44, 5C	PERMIT REQUIREMENT	*****	*****	*****	30 DAY GEO	7 DAY GEO	0	7/7	CONT.
31616 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	200	400	0		
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.064	*****	*****	*****	*****	0		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0		
50050 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0		

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. (SEE 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 PRINCIPAL EXEC OFFICER
Emile Mueller Public Works Director

TELEPHONE 907 789 9919

DATE 2001 06 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ATTACHMENTS HERE)

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

F. FINAL

PERMITTEE NAME/ADDRESS JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD JUNEAU, ALASKA 99801		AK0021407		001 A	
ADDRESS: JUNEAU, ALASKA 99801		PERMIT NUMBER 05 01		DISCHARGE NUMBER	
FACILITY: LUKE BAY TREATMENT FACILITY		MONITORING PERIOD YEAR 2001 MONTH 05 DAY 01		YEAR 2001 MONTH 05 DAY 31	
LOCATION: JUNEAU, ALASKA		FROM		TO	
		2001		2001	
		05		05	
		01		31	
		2001		2001	
		05		05	
		01		31	

PARAMETER	MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		AVERAGE	MAXIMUM	REPORT DAILY AVG				
CHLORINE, TOTAL RESIDUAL	SAMPLE	*****	*****		*****			(19)	0	7/7	
	PERMIT REQUIREMENT	*****	*****		*****						GRAB
60060 1 0 0	SAMPLE										
	PERMIT REQUIREMENT										
MEASUREMENT	SAMPLE										
	PERMIT REQUIREMENT										
MEASUREMENT	SAMPLE										
	PERMIT REQUIREMENT										
MEASUREMENT	SAMPLE										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

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NAME/TITLE PRINCIPAL EXEC. OFFICER
 Emile Mueller Public Works Director
 TELEPHONE 907 789 9919
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)
 CONCERNING VIOLATIONS PLEASE SEE ATTACHED.

EPA REPORT

AUKE BAY WASTEWATER TREATMENT FACILITY
Juneau, Alaska

May 2001

DAY	DATE	WEATHER		FLOWS		INFLUENT						EFFLUENT						MISCELLANEOUS					
		TEMP °F	RAIN INCHES	INFLUENT MG/D	SLUDGE MG/D	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 RESIDUAL mg/L	CL USED LBS	EFFLUENT SETTLABLE SOLIDS
SUN	29	42	0.06	0.06704	0.00150	12.4	8.4	7.1	120	71	120	12.5	7.0	3.8	6	4	5	3	2	1.80	5.36	0.00	0.00
MON	30	45	0.03	0.06539	0.00150	12.9	7.6	4.7	120	71	12.5	6.3	3.1	6	4	5	3	2	1.60	6.70	0.00	0.00	
TUE	1	44	0.05	0.07122	0.00150	12.3	8.2	5.9	120	71	11.9	7.1	2.5	6	4	5	3	2	1.95	6.70	0.00	0.00	
WED	2	39	0.89	0.07115	0.00150	11.7	7.2	5.3	120	71	12.8	6.1	2.1	6	4	5	3	2	0.97	6.70	0.00	0.00	
THU	3	41	0.47	0.07825	0.00150	12.4	7.7	5.2	120	71	13.4	6.8	2.2	6	4	5	3	2	2.20	6.70	0.00	0.00	
FRI	4	40	0.31	0.07349	0.00150	10.3	7.6	6.7	120	71	12.0	7.0	2.1	6	4	5	3	2	1.96	5.36	0.00	0.00	
SAT	5	38	0.04	0.07412	0.00000	12.8	7.2	5.8	120	71	13.0	6.1	2.2	6	4	5	3	2	2.00	6.70	0.00	0.00	
MON	6	45	0.00	0.06792	0.00000	13.0	7.5	5.7	120	71	13.4	6.3	2.5	6	4	5	3	2	2.00	6.70	0.00	0.00	
TUE	7	42	0.32	0.07298	0.00150	9.2	7.7	5.4	120	71	12.4	6.6	2.7	6	4	5	3	2	1.26	6.70	0.00	0.00	
WED	8	42	0.58	0.06927	0.00150	11.2	7.9	5.3	120	71	12.3	6.6	2.4	6	4	5	3	2	1.34	6.70	0.00	0.00	
THU	9	40	0.28	0.06848	0.00150	12.2	7.9	5.8	120	71	11.9	6.6	2.0	6	4	5	3	2	0.37	4.02	0.00	0.00	
FRI	10	43	0.00	0.06412	0.00150	11.2	7.0	5.8	120	71	13.2	6.6	2.6	6	4	5	3	2	0.49	2.68	0.00	0.00	
SAT	11	44	0.11	0.05751	0.00150	11.6	7.2	5.8	120	71	12.9	6.6	2.0	6	4	5	3	2	1.51	4.02	0.00	0.00	
SUN	12	47	0.07	0.06248	0.00150	12.2	7.0	5.8	120	71	13.1	6.0	2.1	6	4	5	3	2	0.96	2.68	0.00	0.00	
MON	13	43	0.03	0.06132	0.00000	13.1	7.4	6.2	120	71	13.2	6.2	2.8	6	4	5	3	2	0.45	3.35	0.00	0.00	
TUE	14	46	0.00	0.06884	0.00150	11.9	7.3	5.7	120	71	13.4	6.6	2.4	6	4	5	3	2	1.25	4.02	0.00	0.00	
WED	15	46	0.00	0.06524	0.00150	13.4	7.4	4.4	120	71	14.1	6.6	2.0	6	4	5	3	2	1.10	4.02	0.00	0.00	
THU	16	46	0.00	0.06524	0.00150	10.0	7.6	5.2	120	71	13.1	6.7	2.1	6	4	5	3	2	1.71	3.35	0.00	0.00	
FRI	17	47	0.03	0.06359	0.00150	14.1	7.3	4.5	120	71	13.4	6.8	2.2	6	4	5	3	2	1.27	4.02	0.00	0.00	
SAT	18	48	0.12	0.05728	0.00150	12.8	7.2	4.4	120	71	13.2	6.6	1.9	6	4	5	3	2	1.26	4.02	0.00	0.00	
SUN	19	45	0.01	0.05633	0.00150	12.2	7.2	5.5	120	71	13.3	6.3	1.5	6	4	5	3	2	1.50	4.69	0.00	0.00	
MON	20	46	0.13	0.06161	0.00150	14.2	7.2	6.3	120	71	13.3	6.3	2.0	6	4	5	3	2	1.50	4.69	0.00	0.00	
TUE	21	48	0.18	0.05877	0.00150	13.5	7.3	4.0	120	71	14.4	6.7	1.7	6	4	5	3	2	1.93	6.03	0.00	0.00	
WED	22	47	0.31	0.07566	0.00100	13.5	7.1	5.4	120	71	12.8	6.4	2.0	6	4	5	3	2	1.50	6.03	0.00	0.00	
THU	23	43	0.41	0.06987	0.00150	12.2	7.5	5.8	120	71	14.0	6.8	2.8	6	4	5	3	2	1.91	7.37	0.00	0.00	
FRI	24	45	0.01	0.06897	0.00150	12.4	7.9	5.8	120	71	13.8	6.8	2.0	6	4	5	3	2	2.10	7.37	0.00	0.00	
SAT	25	46	0.00	0.06559	0.00200	14.1	7.1	5.1	120	71	13.0	6.7	1.9	6	4	5	3	2	2.00	6.70	0.00	0.00	
SUN	26	48	0.00	0.06878	0.00150	12.3	7.8	5.8	120	71	13.0	6.1	2.6	6	4	5	3	2	3.00	8.04	0.00	0.00	
MON	27	51	0.11	0.05707	0.00000	13.8	7.3	5.3	120	71	13.3	6.1	2.7	6	4	5	3	2	2.00	6.70	0.00	0.00	
TUE	28	52	0.03	0.05707	0.00000	15.2	7.4	4.4	120	71	14.2	7.0	1.6	6	4	5	3	2	0.03	8.04	0.00	0.00	
WED	29	48	0.29	0.06928	0.00300	14.1	7.5	5.2	120	71	13.7	7.2	1.8	6	4	5	3	2	1.91	7.37	0.00	0.00	
THU	30	51	0.04	0.06996	0.00200	12.9	7.5	5.1	120	71	13.8	6.8	2.1	6	4	5	3	2	2.00	6.70	0.00	0.00	
FRI	31	52	0.29	0.06413	0.00200	12.9	7.5	5.1	120	71	13.8	6.8	2.1	6	4	5	3	2	0.93	5.36	0.00	0.00	
SAT	1	49	0.19	0.07695	0.00000	12.5	7.3	5.1	120	71	13.8	6.8	2.1	6	4	5	3	2	0.50	4.69	0.00	0.00	
TOTAL				5.39	2.25609	0.04600															190.28		
MAXIMUM		53	0.89	0.07825	0.00300	15.2	8.4	7.1	120	71	14.4	7.2	3.8	6	4	5	3	2	3.00	8.04	0.00	0.00	
MINIMUM		38	0.00	0.05524	0.00000	9.2	7.0	4.0	120	71	11.9	6.0	1.5	6	4	5	3	2	0.03	2.68	0.00	0.00	
AVERAGE		45.48571	0.15	0.06446	0.00131	12.5	7.5	5.4	120	71	13.1	6.6	2.3	6	4	5	3	2	1.48	5.60	0.00	0.00	

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

WEEK	BOD mg/l	TSS mg/l	CHLORINE mg/l	COLIFORM Geo. Mean
29-05	4.9	6.3	1.78291	6.3
06-12			1.1314	4.8
13-19			1.2200	3.9
20-26			1.9914	6.6
27-02			1.2283	6.5
MAX	4.9	6.3	1.9914	7

% REMOVAL
B.O.D. 96
S.S. 97