

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

MINOR  
( SUBR 01)  
F - FINAL

PERMITTEE NAME/ADDRESS JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD JUNEAU, ALASKA 99801		AK0021407		PERMIT NUMBER 2001 04 01		MONITORING PERIOD 2001 04 01 TO 2001 04 01		DISCHARGE NUMBER 001 A					
FACILITY: JUNEAU, ALASKA AUIKE BAY TREATMENT FACILITY		FROM		YR		MO		DAY					
LOCATION: JUNEAU, ALASKA		TO		YR		MO		DAY					
PARAMETER		QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS		NO. OF ANALYSIS		FREQUENCY		SAMPLE TYPE	
TEMPERATURE, WATER DEG, CENTIGRADE	SAMPLE MEASUREMENT	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	5/7				
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	11.9	13.5	(04)	0					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY AVG	REPORT DAILY MAX	DEG. C	0					GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	6.3	6.3	*****	9	9	(19)	0					1/MO
00030 1 0 0	PERMIT REQUIREMENT	25	50	*****	30	60	MGL	0					ONCE/MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	DAILY AVG	DAILY MAX	6.0	DAILY AVG	DAILY MAX	(12)	0					5/7
pH	SAMPLE MEASUREMENT	*****	*****	6.0	*****	7.4							COMP 24
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	MIN.	*****	9.0	SU						DAILY
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	7	7	(19)	0					1/MO
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4.7	4.7	*****	30	60	MGL	0					ONCE/MONTH
00530 1 0 0	PERMIT REQUIREMENT	25	50	*****	DAILY AVG	DAILY MAX	(25)	0					1/MO
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	DAILY AVG	DAILY MAX	*****	0.00	0.00							COMP 24
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****	*****	0.00	0.00							DAILY
00545 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY AVG	REPORT DAILY MAX	M/L	1					GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	68	1600	(13)						1/MO
COLIFORM, FECAL MF, MFC BROTH, 44,5C	SAMPLE MEASUREMENT	*****	*****	*****	200	400	# / 100 ML	0					ONCE/MONTH
31616 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	30 DAY GEO	7 DAY GEO							GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	0.083	*****							7/7
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****							CONT.
50050 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****							DAILY
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. (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  
Ernie Mueller Public Works Director

TELEPHONE 907 789 9919 DATE 2001 05 08

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

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

MINOR  
( SUBR 01)

F - FINAL

PERMITTEE NAME/ADDRESS		JUNEAU, CITY AND BOROUGH OF		AK0021407		001 A		
ADDRESS:		155 SOUTHSEWARD JUNEAU, ALASKA 99801		PERMIT NUMBER		DISCHARGE NUMBER		
FACILITY:		AUK BAY TREATMENT FACILITY		MONITORING PERIOD		YEAR MONTH DAY		
LOCATION:		JUNEAU, ALASKA		FROM 2001 04 01		TO 2001 04 30		
PARAMETER		QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE
CHLORINE TOTAL RESIDUAL	SAMPLE MEASUREMENT	AVERAGE	MAXIMUM	MIN.	AVERAGE	MAXIMUM		
60060 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	1.4	3.00	0	7/7
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	REPORT DAILY AVG	REPORT DAILY MAX		GRAB
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							

I CERTIFY UNDER PENALTY OF FINE AND IMPRISONMENT THAT I 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 05 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)  
 CONCERNING VIOLATIONS PLEASE SEE ATTACHED.

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EPA REPORT  
 AUKU BAY WASTEWATER TREATMENT FACILITY  
 Juneau, Alaska

April 2001

DAY	DATE	WEATHER		FLOWS		INFLUENT		EFFLUENT		FECAL COLIFORM		MISCELLANEOUS		EFFLUENT SFTTABLE SOLIDS					
		TEMP °F	RAIN INCHES	INFLUENT MGD	WASTE SLUDGE MGD	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	CL RESIDUAL MG/L
SUN	1	34	0.02	0.06338	0.00100	9.8	7.5	6.5											
MON	2	31	0.00	0.06609	0.00150	11.5	8.0	5.6											
TUE	3	36	0.25	0.06822	0.00100	11.0	7.3	5.2											
WED	4	40	0.14	0.07016	0.00100	11.0	7.8	5.4	350	205	140	82	11.4	6.7	2.6	7	4	9	5
THU	5	36	0.01	0.06722	0.00200	11.4	7.9	6.8											
FRI	6	38	0.00	0.06503	0.00000	11.8	7.3	6.6											
SAT	7	37	0.00	0.06803	0.00000	13.7	7.2	6.6											
SUN	8	33	0.19	0.07685	0.00150	10.3	7.0	5.8											
MON	9	38	0.00	0.06464	0.00150	9.9	7.5	5.8											
TUE	10	39	0.00	0.06819	0.00150	10.9	7.5	7.2											
WED	11	41	0.06	0.06614	0.00200	9.9	7.5	5.7											
THU	12	40	0.04	0.06861	0.00150	12.0	7.6	5.2											
FRI	13	41	0.09	0.07018	0.00150	11.6	8.1	5.2											
SAT	14	39	0.00	0.06499	0.00150	11.1	7.0	6.3											
SUN	15	39	0.00	0.06369	0.00000	10.2	7.2	6.3											
MON	16	41	0.00	0.06016	0.00150	11.0	7.3	5.2											
TUE	17	40	0.04	0.06870	0.00150	9.7	7.5	5.9											
WED	18	46	0.00	0.06471	0.00050	10.3	6.5	6.7											
THU	19	44	0.00	0.06198	0.00150	10.2	7.6	5.1											
FRI	20	45	0.00	0.06887	0.00200	13.9	7.8	5.1											
SAT	21	45	0.00	0.07378	0.00200	9.3	7.1	5.2											
SUN	22	46	0.04	0.05197	0.00150	14.0	8.0	5.4											
MON	23	44	0.11	0.06197	0.00200	12.7	7.1	5.2											
TUE	24	42	0.33	0.06893	0.00100	13.9	6.9	5.5											
WED	25	45	0.03	0.06609	0.00050	12.7	6.9	5.2											
THU	26	43	0.22	0.06439	0.01000	10.9	7.4	5.2											
FRI	27	43	0.42	0.07255	0.00150	12.8	7.5	4.2											
SAT	28	43	0.10	0.05300	0.00150	12.3	7.9	4.2											
SUN																			
MON																			
TUE																			
WED																			
THU																			
FRI																			
SAT																			
TOTAL			2.09	2.31518	0.04650														
MAXIMUM		46	0.42	0.53200	0.07000	14.0	8.1	7.2	350	205	140	82	13.5	7.4	2.8	7	4	9	5
MINIMUM		31	0.00	0.05197	0.00000	9.3	6.5	4.2	350	205	140	82	10.8	6.0	1.8	7	4	9	5
AVERAGE		40.32143	0.07	0.08271	0.00156	11.4	7.4	5.6	350	205	140	82	11.9	6.6	2.3	7	4	9	5

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

WEEK	BOD mg/L	TSS lbs	CHLORINE mg/L	COLIFORM Geo. Mean
01-07	9.1	5.3	6.8	4.0
08-14				1.4071
15-21				4.4
22-28				1.6029
				5.4
				1.8171
				4.3
MAX	9.1	5.32	7	4
				1.8171
				5
				1600

% REMOVAL	
B.O.D.	94
S.S.	99