

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

Form Approved.
OMB No. 2040-0004
Approval Expires 05-31-98

MAJOR
(SUB 01)
F - FINAL
EFFLUENT

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PERMITTEE NAME/ADDRESS (include Facility name/Location if different)

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Roger Huise Plant Supervisor

(2-15)
AK0022951
PERMIT NUMBER

(17-19)
001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR MO DAY DAY YR MO DAY
2002 03 01 2002 03 31

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PARAMETER (32-37)	QUANTITY OR LOADING (54-61)	QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (68-70)
		MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
TEMPERATURE WATER DEG. CENTIGRADE 00010 1.0 0 EFFLUENT GROSS VALUE	UNITS *****	*****	10.6	12.1	0	57	GRAB
BOD, 5-DAY (20 DEG. C) 00310 G 0 0 RAW SEW/INFLUENT	(26) *****	*****	REPORT MO AVG	REPORT WKLY AVG	0	WEEK DAYS	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 G 0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	REPORT MO AVG	*****	0	WEEKLY	COMP 24
pH	LBS/DAY (26) *****	*****	10.5	11.2	0	17	COMP 24
00400 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	30 MO AVG	45 WKLY AVG	0	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	LBS/DAY (26) *****	*****	6.6	7.1	0	57	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	*****	*****	0	WEEK DAYS	COMP 24
NITROGEN, AMMONIA TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	189	*****	0	WEEKLY	COMP 24
TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	REPORT MO AVG	*****	0	WEEKLY	COMP 24
TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	8.1	8.7	0	17	COMP 24
TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	30 MO AVG	45 WKLY AVG	0	WEEKLY	GRAB
TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	19.5	19.5	0	1/ month	GRAB
TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE	LBS/DAY (26) *****	*****	26.4 MO AVG	39.7 DAILY MAX	0	ONCE/ MONTH	GRAB
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED 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 U.S.C. 1001 AND 33 U.S.C. & 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Ernie Mueller Public Works Director	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (REFER TO ALL ATTACHMENTS HERE)		907	789-9919	2002	04	08
COMMENT AND EXPLANATION OF ANY VIOLATIONS *CONCERNING VIOLATION- PLEASE SEE ATTACHED.			AREA CODE	PHONE NUMBER	YEAR	MO	DAY

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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PERMITTEE NAME/ADDRESS (Include Facility name/Location if different)

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Roger Hulse Plant Supervisor

(2-16) AK0022951
PERMIT NUMBER

(17-19) 001 A
DISCHARGE NUMBER

MONITORING PERIOD

FROM YR 2002 MO 03 DAY 01 TO YR 2002 MO 03 DAY 31

PARAMETER (92-37)	MEASUREMENT REQUIREMENT	(3 Card Only) (46-53)		QUANTITY OR LOADING (54-61)		(20-21) (4 Card Only) (38-45)			(22-23) (46-53)		(24-25) QUALITY OR CONCENTRATION (54-61)		(26-27) NO. EX (62-63)	(28-29) FREQUENCY OF ANALYSIS (64-68)	(30-31) SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO.	FREQUENCY	SAMPLE
COLIFORM, FECAL MF, MFC BROTH, 44.5C 1816 T O O	MEASUREMENT REQUIREMENT	1.9379	2.4500			14	47		200	400	#/100ML	0	3/7	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T O O	MEASUREMENT REQUIREMENT	REPORT DAILY MAX	REPORT DAILY MAX	(3)								0	THREE TIMES/ WEEK	CONT	
CHLORINE TOTAL RESIDUAL	MEASUREMENT REQUIREMENT	0.03		MGD					0.0135			0	CONTINUOUSLY RECORDED	CONT	
50060 T O O EFFLUENT GROSS VALUE	MEASUREMENT REQUIREMENT	0.082	0.082						0.04		MG/L	0	CONTINUOUSLY RECORDED	CONT	
81010 K O O PERCENT REMOVAL	MEASUREMENT REQUIREMENT							95			(23)	0	1/ month	COMP	
SOLIDS, SUSPENDED PERCENT REMOVAL	MEASUREMENT REQUIREMENT							96			PERCENT	0	1/ month	GRAB	
81011 K O O COPPER	MEASUREMENT REQUIREMENT	0.264	0.333								PERCENT	1	1/ month	GRAB	
TOTAL RECOVERABLE EFFLUENT GROSS VALUE	MEASUREMENT REQUIREMENT	0.212	0.259	(26)					16.300	16.300	PERCENT	1	1/ month	COMP 24	
LEAD	MEASUREMENT REQUIREMENT	0.009	0.012	LBS/DAY (26)					8.36	20.1	ug/L (28)	0	1/ month	COMP 24	
TOTAL RECOVERABLE EFFLUENT GROSS VALUE	MEASUREMENT REQUIREMENT	0.225	0.259	LBS/DAY (26)					5.5	11	ug/L (28)	0	1/ month	COMP 24	
SILVER	MEASUREMENT REQUIREMENT	0.018	0.022	LBS/DAY (26)					1.100	1.100	ug/L (28)	1	1/ month	COMP 24	
81079 EFFLUENT GROSS VALUE	MEASUREMENT REQUIREMENT	0.038	0.072	LBS/DAY					0.87	1.75	ug/L		1/ month		

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED 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 40 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
Emile Mueller
Public Works Director

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
(REFERENCE ALL ATTACHMENTS HERE)

TELEPHONE: (907) 789-9919
AREA CODE: 907
PHONE NUMBER: 789-9919

DATE: 2002 04 08

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

TYPED OR PRINTED: MO DAY

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ATT: Roger Hulse Plant Supervisor

(2-16) PERMIT NUMBER
AK0022951

(17-19) DISCHARGE NUMBER
001 A

MONITORING PERIOD			
YR	MO	DAY	TO
2002	03	01	03
2002	03	01	31

PARAMETER (32-37)	(3 Card Only) (46-53)		QUANTITY OR LOADING (54-61)		QUALITY OR CONCENTRATION (24-25)			NO. EX (26-27)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
ZINC	0.522	0.660						0	1/month	COMP 24
TOTAL RECOVERABLE 01084	2.02	6.09						0	ONCE/MONTH	COMP 24
EFFLUENT GROSS VALUE	MO AVG	DAILY MAX						0	ONCE/MONTH	COMP 24
HARDNESS, AS CaCO ₃ 00900	*****	*****						0	ONCE/MONTH	COMP 24
EFFLUENT GROSS VALUE	*****	*****						0	ONCE/MONTH	COMP 24
ALKALINITY AS CaCO ₃ 00410	*****	*****						0	ONCE/MONTH	COMP 24
EFFLUENT GROSS VALUE	*****	*****						0	ONCE/MONTH	CONT
TURBIDITY AS NTU 00070	*****	*****						0	CONTINUOUSLY RECORDED	GRAB
EFFLUENT GROSS VALUE	*****	*****						0	1/quarter	COMP 24
DISSOLVED OXIGEN	*****	*****						0	ONCE/QUARTER	COMP 24
EFFLUENT GROSS VALUE	*****	*****						0	TWICE/YEAR	COMP 24
TOXICITY, CERIODAPHRINA CHRONIC 61406	*****	*****						0	DAILY	COMP 24
EFFLUENT GROSS VALUE	*****	*****						0	7/7	COMP 24
RECEIVING WATERS DILUTION 78480	*****	*****						0	7/7	COMP 24
EFFLUENT GROSS VALUE	*****	*****						0	7/7	COMP 24

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
Ernie Mueller
Public Works Director

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
[Signature]

TELEPHONE: (907) 789-9919
AREA CODE: 789-9919
PHONE NUMBER: 789-9919

DATE: 2002 04 08

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(REFERENCE ALL ATTACHMENTS HERE)