

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

MAJOR (SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE
NOTE: Read Instructions before completing this form.

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

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
A.T.T. Roger Hulise Plant Supervisor

(2-16)
AK0022951
PERMIT NUMBER

(17-19)
001 A
DISCHARGE NUMBER

| MONITORING PERIOD | | | |
|-------------------|----|-----|----|
| YR | MO | DAY | TO |
| 2001 | 12 | 01 | 31 |

| PARAMETER (32-37) | (3 Card Only) (46-53) | | QUANTITY OR LOADING (94-61) | | QUALITY OR CONCENTRATION (64-61) | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--------------------------------------|--------------------------|-------------------|--------------------------------|-------|-------------------------------------|--------------------|--------------------|----------------------|-------------------------------------|---------------------------|
| | AVERAGE | MAXIMUM | UNITS | UNITS | MINIMUM (38-45) | AVERAGE (46-53) | MAXIMUM (54-61) |  |  |  | UNITS |
| TEMPERATURE WATER DEG. CENTIGRADE | ..... | ..... | ..... | ..... | ..... | 12.2 | 12.9 | 0 | 57 | GRAB |
| EFFLUENT GROSS VALUE | ..... | ..... | ..... | ..... | ..... | REPORT MO AVG | REPORT WKLY AVG | 0 | WEEK DAYS | GRAB |
| BOD 5-DAY (20 DEG. C) | 4870 | ..... | (26) | ..... | ..... | 291 | ..... | 0 | 17 | COMP 24 |
| 00310 G 00 RAW SEW/INFLUENT | REPORT MO AVG | ..... | LBS/DAY | ..... | ..... | REPORT MO AVG | ..... | 0 | WEEKLY | COMP 24 |
| BOD 5-DAY (20 DEG. C) | 246.7 | 287.9 | (26) | ..... | ..... | 14.7 | 17.2 | 0 | 17 | COMP 24 |
| 00310 G 00 EFFLUENT GROSS VALUE | 1226 MO AVG | 1839 WKLY AVG | LBS/DAY | ..... | ..... | 30 MO AVG | 45 WKLY AVG | 0 | WEEKLY | COMP 24 |
| pH | ..... | ..... | ..... | ..... | ..... | 6.7 | 7.1 | 0 | 57 | GRAB |
| 00400 1 00 EFFLUENT GROSS VALUE | ..... | ..... | ..... | ..... | 6.5 MIN. | ..... | 8.5 MAXIMUM | 0 | WEEK DAYS | COMP 24 |
| SOLIDS, TOTAL SUSPENDED | 3381 | ..... | (26) | ..... | ..... | 202 | ..... | 0 | 17 | COMP 24 |
| 00530 G 00 RAW SEW/INFLUENT | REPORT MO AVG | ..... | LBS/DAY | ..... | ..... | REPORT MO AVG | ..... | 0 | WEEKLY | COMP 24 |
| SOLIDS, TOTAL SUSPENDED | 231.8 | 282.8 | (26) | ..... | ..... | 13.9 | 16.9 | 0 | 17 | COMP 24 |
| 00630 1 00 EFFLUENT GROSS VALUE | 1226 MO AVG | 1839 WKLY AVG | LBS/DAY | ..... | ..... | 30 MO AVG | 45 WKLY AVG | 0 | WEEKLY | GRAB |
| NITROGEN, AMMONIA TOTAL (AS N) | mg/L | mg/L | LBS/DAY | ..... | ..... | 16.7 | 16.7 | 0 | 1/ month | GRAB |
| 00910 1 00 EFFLUENT GROSS VALUE | 1079 MO AVG | 1827 DAILY MAX | LBS/DAY | ..... | ..... | 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 18 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 (REFERENCE ALL ATTACHMENTS HERE)
TELEPHONE: 789-9919
DATE: 1/08/2002
AREA CODE: 907
PHONE NUMBER: 789-9919
YEAR: 2002
MO: 08
DAY: 08

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

MAJOR (SUB 01) **AK0022951**
 F - FINAL PERMIT NUMBER
 EFFLUENT MO 12 DAY 01
 *** NO DISCHARGE TO FROM

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 ADDRESS: MENDENHALL TREATMENT PLANT
 155 SOUTH SEWARD,
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 FACILITY: MENDENHALL VALLEY SERVICE AREA
 LOCATION: JUNEAU, ALASKA 99801
 ATT: Roger Hulise Plant Supervisor

(2-16) **AK0022951**
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(17-19) **001 A**
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| MONITORING PERIOD | | | |
|-------------------|----|-----|------------|
| YR | MO | DAY | TO |
| 2001 | 12 | 01 | 2001 12 30 |

| PARAMETER (32-37) | (3 Card Only) (46-53) | | QUANTITY OR LOADING (54-61) | | QUALITY OR CONCENTRATION (24-25) (54-61) | | | (26-27) | (28-29) | (30-31) |
|---|-----------------------|---------------|-----------------------------|---------|--|---------|--------|---------|-----------------------|-------------|
| | AVERAGE | MAXIMUM | UNITS | MAXIMUM | AVERAGE | MAXIMUM | UNITS | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
| COLIFORM, FECAL MF, 31616 1 0 0 | 2.0068 | REPORT MO AVG | MGD | 0.03 | 200 | 400 | MO GEO | 0 | 3/7 | GRAB |
| FLOW IN CONDUIT OR THRU TREATMENT PLANT | | | | | | | | | THREE TIMES/ WEEK | |
| EFFLUENT GROSS VALUE | | | | | | | | | | |
| CHLORINE TOTAL RESIDUAL | | | | | | | | | | |
| 50060 1 0 0 | | | | | | | | | | |
| 50060 100 | | | | | | | | | | |
| EFFLUENT GROSS VALUE | | | | | | | | | | |
| BOD, 5-DAY PERCENT REMOVAL | | | | | | | | | | |
| 81070 K 0 0 | | | | | | | | | | |
| PERCENT REMOVAL | | | | | | | | | | |
| SOLIDS, SUSPENDED PERCENT REMOVAL | | | | | | | | | | |
| 81011 K 0 0 | | | | | | | | | | |
| PERCENT REMOVAL | | | | | | | | | | |
| COPPER | | | | | | | | | | |
| TOTAL RECOVERABLE | | | | | | | | | | |
| EFFLUENT GROSS VALUE | | | | | | | | | | |
| LEAD | | | | | | | | | | |
| TOTAL RECOVERABLE | | | | | | | | | | |
| EFFLUENT GROSS VALUE | | | | | | | | | | |
| SILVER | | | | | | | | | | |
| TOTAL RECOVERABLE | | | | | | | | | | |
| EFFLUENT GROSS VALUE | | | | | | | | | | |
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| NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER Ernie Mueller Public Works Director SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE) AREA CODE: (907) 789-9919 PHONE NUMBER: 789-9919 YEAR: 2002 DATE: 1 MO: 1 DAY: 08 | | | | | | | | | | |

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|--------------------------|---------|
| MONITORING PERIOD | |
| FROM | TO |
| YR 2001 | YR 2001 |
| MO 12 | MO 12 |
| DAY 01 | DAY 31 |

| PARAMETER (32-37) | (3 Card Only) (46-53) | | QUANTITY OR LOADING (54-61) | | QUALITY OR CONCENTRATION (54-61) | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|----------------------------------|-----------------------|---------|-----------------------------|-------|----------------------------------|---------|--------------------|----------------|-------------------------------|---------------------|
| | AVERAGE | MAXIMUM | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | |
| ZINC | ***** | ***** | ***** | ***** | ***** | 43.000 | 43.000 | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| TOTAL RECOVERABLE | ***** | ***** | ***** | ***** | ***** | 71.4 | 149.000 | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | MO AVG. | DAILY MAX | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| HARDNESS, AS CaCO ₃ | ***** | ***** | ***** | ***** | ***** | ***** | 49.60 | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | REPORT MONTHLY | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| ALKALINITY, AS CaCO ₃ | ***** | ***** | ***** | ***** | ***** | ***** | 129.00 | 0 | 1/ month ONCE/ MONTH | COMP 24 |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | REPORT MONTHLY | 0 | 7/7 | CONT |
| TURBIDITY | ***** | ***** | ***** | ***** | ***** | ***** | 10.8 | 0 | CONTINUOUSLY RECORDED | GRAB |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | REPORT MAX MONTHLY | 0 | 1/ quarter ONCE/ QUARTER | COMP 24 |
| DISSOLVED OXIGEN | ***** | ***** | ***** | ***** | ***** | ***** | 8.2845 | 0 | TWICE/ YEAR | COMP 24 |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | REPORT QUARTERLY | 1 | 7/7 | COMP 24 |
| TOXICITY, CERIODAPHNIA CHRONIC | ***** | ***** | ***** | ***** | ***** | ***** | 33.0 | 0 | DAILY | |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | 10.0 | 0 | | |
| RECEIVING WATERS | ***** | ***** | ***** | ***** | ***** | ***** | MAXIMUM | 0 | | |
| DILUTION | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | | |
| EFFLUENT GROSS VALUE | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | | |

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NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
 Ernie 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 1 08
 YEAR: 2002
 MO: 1
 DAY: 08