

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. 2048-0004

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: SCOTT JEFFERS, WW UTILITIES SUPT

AK0022951
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2002	12	01	
YEAR	MO	DAY	TO
2002	12	31	

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE			
TEMPERATURE, WATER	*****	*****	*****	*****	14.8	0	5/7	
DEG, CENTIGRADE	*****	*****	*****	*****	REPORT DAILY MAX		WEEK DAYS	GRAB
00010 1 0 0	*****	*****	*****	*****	184	0	1/7	
EFFLUENT GROSS VALUE	3296	3768	(26)	*****	REPORT DAILY MAX		WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C)	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT DAILY MAX	0	1/7	
00310 G 0 0	205.4	*****	(26)	*****	10.8	0	WEEKLY	COMP 24
RAW SEW/INFLUENT	1839	*****	LBS/DAY	*****	45	0	WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C)	205.4	269.0	(26)	*****	WKLY AVG	0	WEEKLY	COMP 24
00310 W 0 0	1226	2452	LBS/DAY	*****	10.8	0	1/7	
SEE COMMENTS BELOW	MO AVG	DAILY MAX	LBS/DAY	*****	30	0	WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	*****	MO AVG	0	5/7	
00310 1 0 0	*****	*****	*****	*****	6.6	0	WEEKLY	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	7.0	0	5/7	
pH	*****	*****	*****	*****	8.5	0	WEEK DAYS	GRAB
00400 1 0 0	*****	*****	*****	*****	MIN.	0	1/ month	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	118.0	0	ONCE/ MONTH	COMP 24
ALKALINITY AS CaCO3	*****	*****	*****	*****	REPORT DAILY MAX		1/7	
00425 1 0 0	*****	*****	*****	*****	171.8	0	WEEKLY	COMP 24
EFFLUENT GROSS VALUE	3297.6	4254.4	(26)	*****	REPORT DAILY MAX		WEEKLY	COMP 24
SOLIDS, TOTAL	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT DAILY MAX		WEEKLY	COMP 24
SUSPENDED	*****	*****	*****	*****	171.8	0	WEEKLY	COMP 24
00530 G 0 0	*****	*****	*****	*****	REPORT DAILY MAX		WEEKLY	COMP 24
RAW SEW/INFLUENT	*****	*****	*****	*****	*****		WEEKLY	COMP 24

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. 1371 (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
SCOTT JEFFERS
WW UTILITY SUPERINTENDENT
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Scott Jeffers
(REFERENCE ALL ATTACHMENTS HERE)

TELEPHONE: 907 586-0393
AREA CODE: 907
PHONE NUMBER: 586-0393
DATE: 1/08
YEAR: 2003
MO: 08
DAY: 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS
*CONCERNING VIOLATION- PLEASE SEE ATTACHED.

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

Form Approved
OMB No. 2040-0004

MAJOR
(SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE
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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: SCOTT JEFFERS, WW UTILITIES SUPT

AK0022951
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR 2002 MO 12 DAY 01 FROM YR 2002 MO 12 DAY 31 TO

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED	147.8	*****	(26)	*****	7.95	*****	(19)	1/7	
00530 W 0 0	1839	*****		*****	45	*****	MG/L	WEEKLY	COMP 24
SEE COMMENTS BELOW	147.8	169.8	LBS/DAY (26)	*****	7.95	8.7	(19)	1/7	
SOLIDS, TOTAL SUSPENDED	1226	2452	LBS/DAY (26)	*****	30	60	MG/L	WEEKLY	COMP 24
00530 1 0 0	MO AVG	DAILY MAX		*****	MO AVG	DAILY MAX			
EFFLUENT GROSS VALUE	293.1	293.1	LBS/DAY (26)	*****	14.0	14.0	(19)	1/ month	
NITROGEN, AMMONIA	1079	1622	LBS/DAY (26)	*****	26.4	39.7	MG/L	ONCE/ MONTH	COMP 24
00610 1 0 0	MO AVG	DAILY MAX		*****	MO AVG	DAILY MAX			
EFFLUENT GROSS VALUE	0.016	0.016	LBS/DAY (26)	*****	0.75	0.75	(28)	1/ month	
SILVER	0.036	0.072	LBS/DAY (26)	*****	0.87	1.75	ug/L	ONCE/ MONTH	COMP 24
TOTAL RECOVERABLE	1.82	1.82	LBS/DAY (26)	*****	MO AVG	DAILY MAX			
01079 1 0 0	MO AVG	DAILY MAX		*****	87.0	87.0	(28)	1/ month	
EFFLUENT GROSS VALUE	2.92	6.09	LBS/DAY (26)	*****	71.4	149.0	ug/L	ONCE/ MONTH	COMP 24
01094 1 0 0	MO AVG	DAILY MAX		*****	MO AVG	DAILY MAX			
EFFLUENT GROSS VALUE	0.022	0.022	LBS/DAY (26)	*****	1.1	1.1	(28)	1/ month	
LEAD	0.225	0.450	LBS/DAY (26)	*****	MO AVG	DAILY MAX			
TOTAL RECOVERABLE	0.206	0.206	LBS/DAY (26)	*****	9.85	9.85	(28)	1/ month	
01114 1 0 0	MO AVG	DAILY MAX		*****	8.36	20.1	ug/L	ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE	0.342	0.858	LBS/DAY (26)	*****	MO AVG	DAILY MAX			
01119 1 0 0	MO AVG	DAILY MAX		*****	MO AVG	DAILY MAX			
EFFLUENT GROSS VALUE	0.022	0.022	LBS/DAY (26)	*****	MO AVG	DAILY MAX			

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
SCOTT JEFFERS
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
TELEPHONE (907) 586-0393
DATE 2003 1 08
PHONE NUMBER 586-0393
AREA CODE (907)
YR 2003 MO 1 DAY 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS
*CONCERNING VIOLATION- PLEASE SEE ATTACHED.
(REFER TO ALL ATTACHMENTS HERE)

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

MAJOR (SUB 01) Form Approved.
F - FINAL OMB No. 2040-0004
EFFLUENT

*** NO DISCHARGE
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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: SCOTT JEFFERS, WW UTILITIES SUPT

AK0022951
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2002	12	01	
YR	MO	DAY	TO
2002	12	31	

PARAMETER (32-37)	AVERAGE			MAXIMUM			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	MEASUREMENT	PERMIT	REQUIREMENT	MEASUREMENT	PERMIT	REQUIREMENT		MINIMUM	AVERAGE	MAXIMUM				UNITS
COLIFORM, FECAL MF, M-FC BROTH, 44.5C	*****	*****	*****	*****	*****	*****	*****	4.0	*****	(13)	0	3/7	THREE TIMES/WEEK	GRAB
SEE COMMENTS BELOW	*****	*****	*****	*****	*****	*****	*****	WPLY GEO	*****	#/100MIL	0	3/7	THREE TIMES/WEEK	GRAB
COLIFORM, FECAL MF, M-FC BROTH, 44.5C	*****	*****	*****	*****	*****	*****	*****	4.0	*****	(13)	0	3/7	THREE TIMES/WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	2.2882	*****	400	0	7/7	CONTINUOUSLY	RECORDED
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	*****	*****	*****	*****	*****	*****	REPORT MO AVG	*****	DAILY MAX	0	5/7	WEEK DAYS	GRAB
50050 P 0 0	*****	*****	*****	*****	*****	*****	*****	REPORT DAILY MAX	*****	0.025	0	5/7	WEEK DAYS	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	0.5796	*****	(19)	0	7/7	DAILY	CACTD
CHLORINE TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****	*****	1.635	*****	MG/L	0	7/7	DAILY	CACTD
50060 1 0 0	*****	*****	*****	*****	*****	*****	*****	REPORT DAILY MAX	*****	0.04	0	7/7	DAILY	CACTD
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	1.635	*****	DAILY MAX	0	7/7	DAILY	CACTD
EFFLUENT DILUTION RATIO	*****	*****	*****	*****	*****	*****	*****	*****	*****	(23)	0	7/7	DAILY	CACTD
78480 1 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
BOD, 5-DAY PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
81010 K 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
SOLIDS, SUSPENDED	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
81011 K 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	PERCENT	0	1/month	ONCE/MONTH	CACTD

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(Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NAME/TITLE: SCOTT JEFFERS, WW UTILITY SUPERINTENDENT
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *[Signature]*
TELEPHONE: (907) 586-0393
DATE: 1/2003
PHONE NUMBER: 586-0393
AREA CODE: (907)
YEAR: 2003
MO: 01
DAY: 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS
*CONCERNING VIOLATION- PLEASE SEE ATTACHED.

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

MAJOR (SUB 01)
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ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: SCOTT JEFFERS, WW UTILITIES SUPT

AK002951
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD

YR 2002 MO 12 DAY 01 TO YR 2002 MO 12 DAY 31

PARAMETER (32-37)	AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
				MINIMUM	AVERAGE	MAXIMUM			
TURBIDITY, LAB	*****	*****	*****	*****	5.5915	8.87	0	7/7	
82079 1 0 0	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	0	CONTINUOUSLY	RECORDED
EFFLUENT GROSS VALUE	*****	*****	*****	*****	61.00	61.00	0	1/ month	
HARDNESS, AS CaCO3	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	0	ONCE/ MONTH	COMP 24
82394 1 0 0	*****	*****	*****	*****	8.5	10.1	0	1/quarter	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	0	ONCE/ QUARTER	
DISSOLVED OXIGEN	*****	*****	*****	*****	7.4	10.1	0	TWICE/ YEAR	
00300	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	0	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	3.3	0	*****	*****
TOXICITY, CERIODAPHRINA CHRONIC	*****	*****	*****	*****	*****	10.0	0	*****	*****
61406	*****	*****	*****	*****	*****	MAXIMUM	0	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	TUC	0	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Scott Jeffers
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 586-0393

DATE 1

SWW UTILITY SUPERINTENDENT

AREA CODE (907)

YEAR 2003

DAY 08

TYPED OR PRINTED

PHONE NUMBER 586-0393

YEAR 2003

DAY 08

COMMENT AND EXPLANATION OF ANY VIOLATIONS
*CONCERNING VIOLATION- PLEASE SEE ATTACHED.

(REFERENCE ALL ATTACHMENTS HERE)