

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

MAJOR (SUB 01)  
F - FINAL EFFLUENT  
\*\*\* NO DISCHARGE

Form Approved.  
OMB No. 2040-0004

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
2003	2	01	
			28

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE	*****	*****	*****	*****	11.7	13.5	(04)	5/7	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	DEG. C	WEEK DAYS	GRAB
BOD, 5-DAY (20 DEG. C)	3082	3556	(26)	*****	197	233	(19)	1/7	
RAW SEW/INFLUENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C)	187.4	*****	(26)	*****	12.0	*****	(19)	1/7	
SEE COMMENTS BELOW	1839	*****	LBS/DAY	*****	45	*****	MGL	WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C)	187.4	269.4	(26)	*****	12.0	17.0	(19)	1/7	
EFFLUENT GROSS VALUE	1226	2452	LBS/DAY	*****	30	90	MGL	WEEKLY	COMP 24
pH	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	5/7	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	6.5	8.5	SU	WEEK DAYS	GRAB
ALKALINITY AS CaCO3	*****	*****	*****	*****	126.0	126.0	(19)	1/ month	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	1/7	
SOLIDS, TOTAL SUSPENDED	2917.8	3145.8	(26)	*****	185.8	206.0	(19)	1/7	
RAW SEW/INFLUENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	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. 7001 AND 33 P.S.C. & 1741 (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  
SIGNATURE: *Scott Jeffers*  
WW UTILITY SUPERINTENDENT  
TYPED OR PRINTED: SCOTT JEFFERS  
AREA CODE: 907  
PHONE NUMBER: 586-0393  
YEAR: 2003  
DATE: 3/06

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
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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 2003 MO 2 DAY 01 FROM TO YEAR 2003 MO 2 DAY 28

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
SOLIDS, TOTAL SUSPENDED	136.9	*****	(26)	*****	8.68	*****	(19)	0	1/7	
00530 W 0 0	1639	*****	LBS/DAY	*****	45	*****	MG/L	0	WEEKLY	COMP 24
SEE COMMENTS BELOW	136.9	152.2	(26)	*****	8.68	9.5	(19)	0	1/7	
SOLIDS, TOTAL SUSPENDED	1226	2452	LBS/DAY	*****	30	60	MG/L	0	WEEKLY	COMP 24
00530 1 0 0	239.4	DAILY MAX	(26)	*****	MO AVG	DAILY MAX	(19)	0	1/ month	
NITROGEN, AMMONIA TOTAL (AS N)	1079	1622	LBS/DAY	*****	26.4	39.7	MG/L	0	ONCE/ MONTH	COMP 24
00610 1 0 0	0.002	DAILY MAX	(26)	*****	MO AVG	DAILY MAX	(28)	0	1/ month	
EFFLUENT GROSS VALUE	0.002	0.002	LBS/DAY	*****	0.10	0.10	MG/L	0	ONCE/ MONTH	COMP 24
SILVER	0.036	0.072	LBS/DAY	*****	0.87	1.75	ug/L	0	1/ month	
TOTAL RECOVERABLE	1.06	1.06	(26)	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24
01079 1 0 0	2.92	6.09	LBS/DAY	*****	71.4	149.0	ug/L	0	1/ month	
EFFLUENT GROSS VALUE	0.027	0.027	LBS/DAY	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24
ZINC	0.226	0.450	LBS/DAY	*****	1.6	1.6	ug/L	0	1/ month	
TOTAL RECOVERABLE	0.240	0.240	(26)	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24
01094 1 0 0	0.342	0.856	LBS/DAY	*****	5.5	11.0	ug/L	1	1/ month	
EFFLUENT GROSS VALUE	0.240	0.240	(26)	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24
COPPER	0.342	0.856	LBS/DAY	*****	14.00	14.00	ug/L	1	1/ month	
TOTAL RECOVERABLE	0.342	0.856	(26)	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24
01119 1 0 0	0.342	0.856	LBS/DAY	*****	8.36	20.1	ug/L	0	1/ month	
EFFLUENT GROSS VALUE	0.342	0.856	(26)	*****	MO AVG	DAILY MAX	(28)	0	ONCE/ MONTH	COMP 24

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NAME/TITLE: SCOTT JEFFERS, WW UTILITY SUPERINTENDENT  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *Scott Jeffers*  
OFFICE OR PRINTED: WW UTILITY SUPERINTENDENT  
TELEPHONE: (907) 586-0383  
DATE: 2003 3 3  
AREA CODE: (907)  
PHONE NUMBER: 586-0383  
YEAR: 2003  
MO: 3  
DAY: 3

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

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

MAJOR (SUB 01) Form Approved.  
F - FINAL OMB No. 20-40-0004  
EFFLUENT

\*\*\* NO DISCHARGE \*\*\*  
NOTE: Read instructions before completing this form.

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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	YR	MO	DAY
2003	2	01	2003	2	28
FROM			TO		

PARAMETER (32-37)	AVERAGE			MAXIMUM			UNITS			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE			
COLIFORM, FECAL MF, M-FC BROTH, 44.5C	*****	*****	*****	*****	13.5	*****	*****	*****	(13)	*****	*****	*****	0	3/7	GRAB
SEE COMMENTS BELOW	*****	*****	*****	*****	400	*****	*****	*****	WKLY GEO	*****	*****	*****	0	THREE TIMES/WEEK	GRAB
COLIFORM, FECAL MF, M-FC BROTH, 44.5C	*****	*****	*****	*****	15.6	*****	*****	*****	30.0	*****	*****	*****	0	3/7	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	200	*****	*****	*****	400	*****	*****	*****	0	THREE TIMES/WEEK	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	1.9275	*****	*****	MG/GEO	*****	*****	*****	DAILY MAX	*****	*****	*****	0	7/7	RECORDED
50050 P 0 0	*****	REPORT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	CONTINUOUSLY	RECORDED
EFFLUENT GROSS VALUE	*****	MO AVG	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	5/7	CONT
CHLORINE TOTAL	*****	*****	*****	*****	0.5379	*****	*****	*****	0.03	*****	*****	*****	0	WEEK DAYS	GRAB
RESIDUAL	*****	*****	*****	*****	1.635	*****	*****	*****	DAILY MAX	*****	*****	*****	0	7/7	GRAB
50060 1 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	DAILY	CACTD
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
EFFLUENT DILUTION	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
RATIO	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
76480 1 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
BOD, 5-DAY PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
81010 K 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
81011 K 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/month	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	1/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  
PRINCIPAL EXECUTIVE OFFICER

WW UTILITY SUPERINTENDENT  
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*Scott Jeffers*

(REFERENCE ALL ATTACHMENTS HERE)

TELEPHONE: (907) 586-0393  
PHONE NUMBER: 586-0393  
DATE: 2003 3  
AREA CODE: (907)  
YR: 2003  
MO: 3  
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COMMENT AND EXPLANATION OF ANY VIOLATIONS  
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YR	MO	DAY	TO
2003	2	01	
YR	MO	DAY	TO
2003	2	01	28

PARAMETER (32-37)	QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	MINIMUM	AVERAGE	MAXIMUM				
TURBIDITY, LAB NTU	*****	8.93	11.85	(43)	0	7/7	
82079 1 0 0 EFFLUENT GROSS VALUE	*****	REPORT MO AVG	REPORT DAILY MAX	NTU	0	CONTINUOUSLY	RECORDED
HARDNESS, AS CaCO3	*****	48.00	48.00	(19)	0	1/ month	
82394 1 0 0 EFFLUENT GROSS VALUE	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	0	ONCE/ MONTH	COMP 24
DISSOLVED OXIGEN	*****	9.1	10.5	(19)	0	1/quarter	
00300 EFFLUENT GROSS VALUE	*****	REPORT MO AVG	REPORT DAILY MAX	MGL	0	ONCE/ QUARTER	
TOXICITY,	*****	*****	3.33	(73)	0	TWICE/ YEAR	
61406 EFFLUENT GROSS VALUE	*****	*****	10.0	TUC	*****	*****	*****
SAMPLE MEASUREMENT	*****	*****	*****		*****	*****	*****
PERMIT REQUIREMENT	*****	*****	*****		*****	*****	*****
SAMPLE MEASUREMENT	*****	*****	*****		*****	*****	*****
PERMIT REQUIREMENT	*****	*****	*****		*****	*****	*****
SAMPLE MEASUREMENT	*****	*****	*****		*****	*****	*****
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
SCOTT JEFFERS  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
WW UTILITY SUPERINTENDENT  
TYPED OR PRINTED  
TELEPHONE (907) 586-0393  
DATE 3/28/03

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
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AREA CODE (907)  
PHONE NUMBER 586-0393  
YEAR 2003  
MO 3  
DAY 28