

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  
ATT: SCOTT JEFFERS, WW UTILITIES SUPT

AK0022951  
PERMIT NUMBER

001 A  
DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YR	MO	DAY	TO	YEAR	MO	DAY
	2004	4	01		2004	4	30

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG, CENTIGRADE 00010 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	11.8	13.3	(04)	0	5/7	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	DEG. °C		WEEK DAYS	GRAB
BOD, 5-DAY (20 DEG. C) 00310 G 0 0	SAMPLE MEASUREMENT	3957	5079	(26)	*****	225	306	(19)	0	1/7	
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L		WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 W 0 0	SAMPLE MEASUREMENT	412.7	*****	(26)	*****	23.1	*****	(19)	0	1/7	
SEE COMMENTS BELOW	PERMIT REQUIREMENT	1839	*****	LBS/DAY	*****	45	*****	MG/L		WEEKLY	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 1 0 0	SAMPLE MEASUREMENT	327.0	412.7	(26)	*****	18.4	23.1	(19)	0	1/7	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1226	2452	LBS/DAY	*****	30	60	MG/L		WEEKLY	COMP 24
pH	SAMPLE MEASUREMENT	*****	*****	*****	6.5	*****	6.9	(12)	0	5/7	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.5 MIN.	*****	8.5 MAXIMUM	SU		WEEK DAYS	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	136.0	136.0	(19)	0	1/ month	COMP 24
ALKALINITY AS CaCO3 00425 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L		ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	295	344	(19)	0	1/7	
SOLIDS, TOTAL SUSPENDED 00530 G 0 0	SAMPLE MEASUREMENT	5222	6398	(26)	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L		WEEKLY	COMP 24
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L			

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 SCOTT JEFFERS WW UTILITY SUPERINTENDENT		TELEPHONE 907 586-0393	DATE 2004 5 10
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	PHONE NUMBER
COMMENT AND EXPLANATION OF ANY VIOLATIONS *CONCERNING VIOLATION- PLEASE SEE ATTACHED.	(REFERENCE ALL ATTACHMENTS HERE)	YEAR	MO DAY

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

MAJOR  
(SUB 01)  
FINAL  
EFFLUENT

Form Approved  
OMB No. 2040-0004  
Approval Expires 03-31-96

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ADDRESS: MENDENHALL TREATMENT PLANT  
155 SOUTH SEWARD,  
JUNEAU, ALASKA 99801  
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LOCATION: JUNEAU, ALASKA 99801  
ATTN: SCOTT JEFFERS, WW UTILITIES SUPT


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	2004	4	01		2004	4	30

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	371.1	*****	(26)	*****	20.4	*****	(19)	0	1/7	
	PERMIT REQUIREMENT	1836 WKLY AVG	*****	LBS/DAY	*****	45 WKLY AVG	*****	MG/L		WEEKLY	COMP 24
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	311.0	371.1	(26)	*****	17.5	20.4	(19)	0	1/7	
	PERMIT REQUIREMENT	1226 MO AVG	2452 DAILY MAX	LBS/DAY	*****	30 MO AVG	60 DAILY MAX	MG/L		WEEKLY	COMP 24
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	SAMPLE MEASUREMENT	334.8	334.8	(26)	*****	18.0	18.0	(19)	0	1/ month	
	PERMIT REQUIREMENT	1079 MO AVG	1622 DAILY MAX	LBS/DAY	*****	26.4 MO AVG	39.7 DAILY MAX	MG/L		ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE SILVER TOTAL RECOVERABLE 01079 1 0 0	SAMPLE MEASUREMENT	0.002	0.002	(26)	*****	0.10	0.10	(28)	0	1/ month	
	PERMIT REQUIREMENT	0.036 MO AVG	0.072 DAILY MAX	LBS/DAY	*****	0.87 MO AVG	1.75 DAILY MAX	ug/L		ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE ZINC TOTAL RECOVERABLE 01094 1 0 0	SAMPLE MEASUREMENT	0.66	0.66	(26)	*****	35.5	35.5	(28)	0	1/ month	
	PERMIT REQUIREMENT	2.92 MO AVG	6.09 DAILY MAX	LBS/DAY	*****	71.4 MO AVG	149.0 DAILY MAX	ug/L		ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE LEAD TOTAL RECOVERABLE 01114 1 0 0	SAMPLE MEASUREMENT	0.010	0.010	(26)	*****	1.0	1.0	(28)	0	1/ month	
	PERMIT REQUIREMENT	0.225 MO AVG	0.450 DAILY MAX	LBS/DAY	*****	5.5 MO AVG	11.0 DAILY MAX	ug/L		ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE COPPER TOTAL RECOVERABLE 01119 1 0 0	SAMPLE MEASUREMENT	0.244	0.244	(26)	*****	13.10	13.10	(28)	1	1/ month	
	PERMIT REQUIREMENT	0.342 MO AVG	0.858 DAILY MAX	LBS/DAY	*****	8.36 MO AVG	20.1 DAILY MAX	ug/L		ONCE/ MONTH	COMP 24

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER SCOTT JEFFERS WW UTILITY SUPERINTENDENT		TELEPHONE (907) 586-0393	DATE 2004 5 10
TYPED OR PRINTED COMMENT AND EXPLANATION OF ANY VIOLATIONS *CONCERNING VIOLATION- PLEASE SEE ATTACHED.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE)	AREA CODE PHONE NUMBER

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ADDRESS: MENDENHALL TREATMENT PLANT  
155 SOUTH GARDNER,  
JUNEAU, ALASKA 99801  
FACILITY: MENDENHALL VALLEY SERVICE AREA  
LOCATION: JUNEAU, ALASKA 99801  
ATT: SCOTT JEFFERS, WW UTILITIES SUPT

AK0022951  
PERMIT NUMBER

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MONITORING PERIOD						
YR	MO	DAY	TO	YR	MO	DAY
2004	4	01		2004	4	30

PARAMETER (32-37)	SAMPLE MEASUREMENT	AVERAGE			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MEASUREMENT	PERMIT REQUIREMENT	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL MF, M-FC BROTH, 44.5C 31616 W U U SEE COMMENTS BELOW	*****	*****	*****	*****	*****	5.0	*****	(13)	0	3/7	
	PERMIT REQUIREMENT	*****	*****	*****	*****	400 WKLY GEO	*****	#/100ML		THREE TIMES/WEEK	GRAB
COLIFORM, FECAL MF, M-FC BROTH, 44.5C 31616 1 0 0	*****	*****	*****	*****	*****	3.5	8.0	(13)	0	3/7	
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 P 0 0	*****	*****	*****	*****	*****	200 MO GEO	400 DAILY MAX	#/100ML		THREE TIMES/WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	2.21	2.65	(03)	0	7/7	
EFFLUENT DILUTION RATIO	*****	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	MGD		CONTINUOUSLY	RECORDED
78480 1 0 0	*****	*****	*****	*****	*****	57.2	*****	(23)	0	7/7	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	10 MINIMUM	*****	PERCENT		DAILY	CACTD
BOD, 5 DAY PERCENT REMOVAL	*****	*****	*****	*****	*****	92	*****	(23)	0	1/ month	
81010 K 0 0	*****	*****	*****	*****	*****	85 MN % RMV	*****	PERCENT		ONCE/MONTH	CACTD
PERCENT REMOVAL SOLIDS, SUSPENDED	*****	*****	*****	*****	*****	94	*****	(23)	0	1/ month	
81011 K 0 0	*****	*****	*****	*****	*****	85 MN % RMV	*****	PERCENT		ONCE/MONTH	CACTD
PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****		*****	*****

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
SCOTT JEFFERS	<i>Scott Jeffers</i>	(907) 586-0393	2004 5 10

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

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LOCATION: JUNEAU, ALASKA 99801  
ATT: SCOTT JEFFERS, VVV UTILITIES SUPT

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MONITORING PERIOD							
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PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM					
TURBIDITY, LAB NTU 82070 1 0 0	*****	*****	*****	*****	11.8	14.9	(43)	0	7/7	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	NTU		CONTINUOUSLY	RECORDED
HARDNESS, AS CaCO3 82394 1 0 0	*****	*****	*****	*****	87.6	87.6	(19)	0	1/ month ONCE/ MONTH	COMP 24
DISSOLVED OXYGEN 00300	*****	*****	*****	*****	5.6	9.3	10.7	0	1/quarter ONCE/ QUARTER	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MINIMUM	REPORT MO AVG	REPORT DAILY MAX	MG/L		
TOXICITY, CERIODAPHNIA CHRONIC 61406	*****	*****	*****	*****	*****	*****	n/a	0		
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	10.0 MAXIMUM		TWICE/ YEAR	
	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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WW UTILITY SUPERINTENDENT		AREA CODE PHONE NUMBER	YEAR MO DAY