

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 08-08-99

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME: JUNEAU, CITY AND BOROUGHS OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD, JUNEAU
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL TREATMENT FACILITY
LOCATION: JUNEAU, ALASKA
ATT: D. PALMER, CITY & BOROUGHS MANAGER

(2-16)

AK0022951
PERMIT NUMBER

MONITORING PERIOD

YR 99 MO 06 DAY 01 TO YR 99 MO 06 DAY 30

001 A
DISCHARGE NUMBER

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

PARAMETER (32-37)	(3 Card Only)		(4 Card Only)		QUALITY OR CONCENTRATION (54-61)		UNITS (04)	NO. EX. (62-65)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (68-70)
	AVERAGE (46-53)	MAXIMUM (54-57)	MINIMUM (58-61)	AVERAGE (62-65)	MAXIMUM (66-69)	MINIMUM (70-73)				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1.0 EFFLUENT GROSS VALUE	6381			14.7	16.8		DEG. C	0	7/7	GRAB
BOD, 5-DAY (20 DEG. C) 00310 G 0.0 RAW SEWINFLOW	231			297			(19)	0	1/7	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 1.0 0 EFFLUENT GROSS VALUE	322			11	15		MG/L		WEEKLY	COMP 24
pH	6.6			7.1			MG/L	0	7/7	GRAB
00400 1.0 0 EFFLUENT GROSS VALUE				436	720		SU	0	1/7	COMP 24
SOLIDS, TOTAL SUSPENDED 00530 G 0.0 RAW SEWINFLOW	9377						MG/L	0	1/7	COMP 24
SOLIDS, TOTAL SUSPENDED 00530 1.0 0 EFFLUENT GROSS VALUE	243			11	13		MG/L	0	1/7	COMP 24
NITROGEN, AMMONIA TOTAL (AS N) 00610 1.0 0 EFFLUENT GROSS VALUE							MG/L		WEEKLY	COMP 24
ARSENIC, TOTAL RECOV- ERABLE 009780 G 0.1 RAW SEWINFLOW							MG/L		1/MO	GRAB
ARSENIC, TOTAL RECOV- ERABLE 009780 1.0 1 EFFLUENT GROSS VALUE							MG/L		ONCE/MONTH	GRAB
1 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 and imprisonment of between 6 months and 5 years).							MG/L		2/YR	COMP 24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ANDREW BRONSON							MG/L		BI-ANNUALLY	COMP 24
WASTEWATER UTILITIES SUPERINTENDENT, TYPED OR PRINTED							MG/L		2/YR	COMP 24
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)							MG/L		BI-ANNUALLY	COMP 24

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Andrew W. Bronson
TELEPHONE: (907) 789-9919
AREA CODE: 789-9919
NUMBER: 99
DATE: 07/06/99

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

MAJOR (SUB 01)
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OMB No. 2040-0004
Approval Expires 09-08-99

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PERMITTEE NAME/ADDRESS (Include Facility Name, Location, if different)
 NAME: JUNEAU, CITY AND BOROUGHS OF
 ADDRESS: MENDENHALL TREATMENT PLANT
 155 SOUTH SEWARD, JUNEAU
 JUNEAU, ALASKA 99801
 FACILITY: MENDENHALL TREATMENT FACILITY
 LOCATION: JUNEAU, ALASKA
 ATT: D. PALMER, CITY & BOROUGHS MANAGER

(2-19) PERMIT NUMBER: **AK0022951**

(17-19) DISCHARGE NUMBER: **001 A**

MONITORING PERIOD			
YR	MO	DAY	TO
99	06	01	
YR	MO	DAY	TO
99	08	30	

PARAMETER (32-37)	(3 Card Only) (48-53)		QUANTITY OF LOADING (94-95)		QUALITY OR CONCENTRATION (22-23)			(20-21) (4 Card Only)	(28-27)		(28-29)	(30-31)
	AVERAGE	MAXIMUM	UNITS	UNITS	AVERAGE	MAXIMUM	UNITS	MINIMUM	EX NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
NICKEL TOTAL RECOVERABLE 01074 G01 RAW SEW/INFLUENT	*****	*****	*****	*****	*****	U of 0.02000 MRL=0.02000	*****	*****	*****	2/YR	COMP 24	
NICKEL TOTAL RECOVERABLE 01074 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	U of 0.02000 MRL=0.02000	*****	*****	*****	BI-ANNUALLY	COMP 24	
SILVER TOTAL RECOVERABLE 01079 G01 RAW SEW/INFLUENT	*****	*****	*****	*****	*****	0.01240 MRL=0.01000	*****	*****	*****	2/YR	COMP 24	
SILVER TOTAL RECOVERABLE 01079 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	U of 0.01000 MRL=0.01000	*****	*****	*****	BI-ANNUALLY	COMP 24	
ZINC TOTAL RECOVERABLE 01094 G01 RAW SEW/INFLUENT	*****	*****	*****	*****	*****	0.30000 MRL=0.02000	*****	*****	*****	2/YR	COMP 24	
ZINC TOTAL RECOVERABLE 01094 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	U of 0.02000 MRL=0.02000	*****	*****	*****	BI-ANNUALLY	COMP 24	
CADMIUM TOTAL RECOVERABLE 01113 G01 RAW SEW/INFLUENT	*****	*****	*****	*****	*****	0.09480 MRL=0.02000	*****	*****	*****	2/YR	COMP 24	
CADMIUM TOTAL RECOVERABLE 01113 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	U of 0.00500 MRL=0.00500	*****	*****	*****	BI-ANNUALLY	COMP 24	
LEAD TOTAL RECOVERABLE 01114 G01 RAW SEW/INFLUENT	*****	*****	*****	*****	*****	U of 0.00500 MRL=0.00500	*****	*****	*****	2/YR	COMP 24	
LEAD TOTAL RECOVERABLE 01114 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	MRL=0.01910 MRL=0.00300	*****	*****	*****	BI-ANNUALLY	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 AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. & 1 (Penalties under these statutes may include fines and imprisonment of between 6 months and 5 years.)

NAME/TITLE: **Andrew W. Bronson** PRINCIPAL EXECUTIVE OFFICER
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER: *Andrew W. Bronson*
 WASTEWATER UTILITIES SUPERINTENDENT
 OFFICER OR AUTHORIZED AGENT
 (REFERENCE ALL ATTACHMENTS HERE)

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

DATE: 07 07 99
 YEAR: 99
 MO: 07
 DAY: 07

COMMENT AND EXPLANATION OF ANY VIOLATIONS: **THE MONITORING PERIOD WAS FROM 11/29/98 through 01/02/99.**

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

MAJOR (SUB 01)
Form Approved.
OMB No. 2040-0004
Approval Expires 09-08-99

F - FINAL EFFLUENT
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NOTE: Read Instructions before completing this form.

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different)
NAME: JUNEAU, CITY AND BOROUGHS OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD, JUNEAU
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL TREATMENT FACILITY
LOCATION: JUNEAU, ALASKA
ATT: D. PALMER, CITY & BOROUGHS MANAGER

(2-16)
AK0022951
PERMIT NUMBER

(17-19)
001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR 99 MO 06 DAY 01 TO YR 99 MO 06 DAY 30

PARAMETER (32-37)	(3 Card Only) (46-53)			(2 Card Only) (38-45)			(22-23) (64-61)			(25-27) (62-63)			(28-29) (64-68)			(30-31) (69-70)			
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	MINIMUM	AVERAGE	MAXIMUM	UNITS	
LEAD TOTAL RECOVERABLE 01114 101	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
CHROMIUM TOTAL RECOVERABLE 01118 G01	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
RAW SEW/INFLUENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
CHROMIUM TOTAL RECOVERABLE 01118 101	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
COPPER TOTAL RECOVERABLE 01119 G01	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
RAW SEW/INFLUENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
COPPER TOTAL RECOVERABLE 01119 101	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
COLIFORM, FECAL MF, M-FC BROTH, 44.5C 31616 1 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
CHLORINE TOTAL RESIDUAL 50060 100	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
TOXICITY CERIODAPHRINIA ACUTE 614825 101	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Andrew W. Bronson
AREA CODE: (907)
NUMBER: 789-9919
TELEPHONE: 789-9919
DATE: 07 08

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

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*** NO DISCHARGE

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OMB No. 2040-0004
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MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD, JUNEAU
JUNEAU, ALASKA 99801
MENDENHALL TREATMENT FACILITY
JUNEAU, ALASKA
D. PALMER, CITY & BOROUGHS MANAGER

(2 6)
AK0022951
PERMIT NUMBER

(17-19)
001A
DISCHARGE NUMBER

MONITORING PERIOD
MO DAY YEAR
06 01 99

MO DAY YEAR
06 01 99

MO DAY YEAR
06 01 99

PARAMETER (32-37)	(3 Card Only) (46-53)		(4 Card Only) (38-45)		(24-25) (22-23)		(26-27)		(25-29)		(30-31)	
	AVERAGE	MAXIMUM	MINIMUM	UNITS	AVERAGE	MAXIMUM	NO. EX	FREQUENCY OF ANALYSIS	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
TOXICITY CERIODAPHRINIA CHRONIC EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	0.097	0	2YR	(2G)	0	2YR	COMP 24
TOXICITY PIMEPHALES ACUTE 81427 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	N/A	0	BI-ANNUALLY	(2F)	0	2YR	COMP 24
TOXICITY PIMEPHALES CHRONIC 81428 101 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	3.400	0	BI-ANNUALLY	(2F)	0	2YR	COMP 24
MERCURY TOTAL RECOVERABLE 71901 G01 RAW SEWINFLOW	*****	*****	*****	*****	*****	0.4	0	BI-ANNUALLY	(19)	0	2YR	COMP 24
MERCURY TOTAL RECOVERABLE 71901 G01 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	MRL=0.300	0	BI-ANNUALLY	MG/L	0	2YR	COMP 24
CYANIDE, TOTAL RECOVERABLE 78248 G01 RAW SEWINFLOW	*****	*****	*****	*****	*****	<0.3	0	BI-ANNUALLY	(19)	0	2YR	COMP 24
CYANIDE, TOTAL RECOVERABLE 78248 G01 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	0.007	0	BI-ANNUALLY	(19)	0	2YR	COMP 24
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0	*****	*****	*****	*****	*****	96	0	ONCE/MONTH	(23)	0	1/MO	N/A
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	*****	*****	*****	*****	*****	97	0	ONCE/MONTH	PERCENT	0	1/MO	N/A

Signature: Andrew W. Bronson
TITLE: PRINCIPAL EXECUTIVE OFFICER
SUPERINTENDENT
WASTEWATER UTILITIES

TELEPHONE: 789-9919
AREA CODE: 907
NUMBER: 789-9919
YEAR: 99
MO: 07
DAY: 08

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COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)
*THE EFFLUENT'S CL2 RESIDUAL WAS BELOW OUR EFFLUENT ANALYZERS DETECTABLE LEVEL. THE RECORDED AVERAGE CL2 RESIDUAL WAS CALCULATED FROM ACTUAL GRAB SAMPLES ANALYZED ONCE/DAY FIVE DAYS /WEEK-A CALIBRATION STANDARD OF 0.0400 mg/L WAS USED.

EPA Form 3320-1 (Rev.9-88) Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).