

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

MAJOR (SUB 01) OMB No. 2040-0004
F - FINAL Approval Expires 05-31-98
EFFLUENT
*** NO DISCHARGE ***

Form Approved.

NOTE: Read instructions before completing this form.

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
MENDENHALL VALLEY SERVICE AREA
JUNEAU, ALASKA 99801
ATT: ANDREW BRONSON, WW Supt.

(2-16)

AK0022951
PERMIT NUMBER

(17-19)

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR MO DAY YEAR MO DAY
99 11 01 99 11 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PARAMETER (32-37)	QUANTITY OF LOADING (4 Card Only) (38-45)			QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (54-61)	AVERAGE (46-53)	MINIMUM (38-45)	MAXIMUM (54-61)					
TEMPERATURE WATER DEG. CENTIGRADE 00010 1 0 0	*****	*****	*****	12.8	*****	15.2	(04)		5/7	GRAB	
EFFLUENT GROSS VALUE	*****	*****	*****	REPORT MO AVG	*****	REPORT WPKLY AVG	DEG. C		WEEK - GRAB DAYS		
BOD, 5-DAY (20 DEG. C) 00310 G 0 0	*****	*****	*****	5.383	*****	*****	(19)	0	2/7	COMP	
RAW SEWINFLOW	*****	*****	*****	REPORT 30 DAY AVG	*****	*****	LBS/DAY		WEEKLY COMP 24		
BOD, 5-DAY (20 DEG. C) 00310 1 0 0	*****	*****	*****	211	*****	*****	(26)		2/7	COMP	
EFFLUENT GROSS VALUE	*****	*****	*****	REPORT 30 DAY AVG	*****	*****	MG/L		WEEKLY COMP 24		
pH	*****	*****	*****	6.1	*****	*****	(12)	0	5/7	GRAB	
00400 1 0 0	*****	*****	*****	*****	6.0 MIN.	9.0 MAXIMUM	SU		WEEK - GRAB DAYS		
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		WEEKLY COMP 24		
SOLIDS, TOTAL SUSPENDED 00530 G 0 0	*****	*****	*****	6007	*****	*****	(26)		0	1/7	COMP
RAW SEWINFLOW	*****	*****	*****	REPORT 30 DAY AVG	*****	*****	LBS/DAY		WEEKLY COMP 24		
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	*****	*****	*****	336	*****	*****	(26)		0	1/7	COMP
EFFLUENT GROSS VALUE	*****	*****	*****	REPORT 30 DAY AVG	*****	*****	MG/L		WEEKLY COMP 24		
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	*****	*****	*****	*****	*****	*****	(19)		0	1/7	COMP
EFFLUENT GROSS VALUE	*****	*****	*****	30 DAY AVG	*****	45 WPKLY AVG	MG/L		WEEKLY COMP 24		
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	*****	*****	*****	*****	*****	*****	(19)		1/ month	GRAB	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L		ONCE/GRAB MONTH		

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 23 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: Andrew W. Bronson
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: OCT 26 2000
OFFICER OR AUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE)
TELEPHONE: 907 789-9919
AREA CODE: 907 NUMBER: 789-9919
DATE: 10 10 99
YEAR: 00 MONTH: 10 DAY: 26

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

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

MAJOR (SUB 01) Form Approved.
OMB No. 2040-0004
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NOTE: Read instructions before completing this form.
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PERMITTEE NAME/ADDRESS (include Facility name/Location if different)

NAME: JUNEAU, CITY AND BOROUGHO OF
ADDRESS: MENDENHALL TREATMENT PLANT
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99861
ATT: ANDREW BRONSON, WW SUPT.

(2-16)
AK0022951
PERMIT NUMBER

DISCHARGE NUMBER
001 A

MONITORING PERIOD
YR MO DAY TO YR MO DAY
99 11 01 99 11 30

PARAMETER (32-37)	(3 Cont-Only) (46-53)			(22-23)			(24-25)			(26-27)			(28-29)			(30-31)		
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
COLIFORM, FECAL MF, M-FC BROTH, 44.5C	*****	*****	*****	*****	13	52	(13) #/	0	27	CONT	0	27	CONT	0	27	CONT		
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
FLOW IN CONDUIT OR THRU TREATMENT PLANT	2.9161	*****	(3)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
50050 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	*****	MGD	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
CHLORINE TOTAL RESIDUAL	*****	*****	*****	*****	0.0000	*****	(19)	0	57	CONT	0	57	CONT	0	57	CONT		
50060 100 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.002 MO AVG	*****	MG/L	*****	*****	*****	*****	*****	*****	*****	*****	*****		
BOD, 5-DAY PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
81010 K 0 0 PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
81011 K 0 0 PERCENT REMOVAL	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
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NAME/TITLE: *Andrew W. Bronson* PRINCIPAL EXECUTIVE OFFICER
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER: *Andrew W. Bronson*
Wastewater Utility Superintendent
DATE: **OCT 26 2000**
TELEPHONE: (907) 789-9919
AREA CODE: 907
NUMBER: 789-9919
YEAR: 00
MO: 10
DAY: 26

TYPED OR PRINTED OFFICER OR AUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE)
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OFFICER OR AUTHORIZED AGENT
COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)
THE EFFLUENTS CL₂ RESIDUAL WAS BELOW OUR EFFLUENT ANALYZERS DETECTABLE LEVEL.
* THE RECORDED AVERAGE CL₂ RESIDUAL WAS CALCULATED FROM GRAB SAMPLES COLLECTED 2/DAY 5 DAYS/WEEK. A 0.0400 mg/L CALIBRATION STANDARD WAS USED.
EPA Form 3320-1 (08-95) Pre Previous editions may be used. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

MENDENHALL WASTEWATER TREATMENT FACILITY

NOVEMBER 1999

JUNEAU, ALASKA

EPA REPORT

DAY DATE	WEATHER			FLOWS				INFLUENT				EFFLUENT				MISCELLANEOUS							
	TEMP °F	FALL INCHES	RAIN	INFLUENT MGD	SBR MGD	SBR WASTE MGD	SBR TREATMENT MGD	D.O. MG/L	S.S. MG/L	V.S.S. LBS	B.O.D. LBS	TEMP °C	PH	D.O. MG/L	CL2 RES MG/L	S.S. MG/L	V.S.S. LBS	B.O.D. LBS	B.O.D. MG/L	FECAL COLIFORM /100 ML	POWER METER READING	CL2 USED LBS	SO2 USED LBS
SUN 31	37	0.90		7.7800	3.2100	0.1673		7.1	3.4			12.8	7.1	7.6	0.0000						79	40	50
MON 1	37	2.26		7.1100	6.3000	0.0592		6.9	5.9			12.6	7.0	8.3	0.0000					540	73	60	70
TUE 2	36	0.15		7.0800	4.2800	0.0363		7.1	4.6	270	5344	12.2	6.9	6.9	0.0000						77	60	50
WED 3	35	0.01		7.1800	3.6000	0.0952		7.2	4.1			12.6	7.0	7.1	0.0000					5	76	60	60
THU 4	36	0.10		6.7800	3.2300	0.1306		7.2	4.1			12.9	6.9	7.3	0.0000						75	60	30
FRI 5	39	0.01		5.3000	2.9700	0.1661		7.0	4.3			12.5	7.0	7.3	0.0000						69	60	50
SAT 6	38	0.05		5.6900	3.0300	0.1881															70	60	50
SUN 7	39	0.09		6.1100	3.1000	0.0561		7.1	4.9			12.9	6.7	7.0	0.0000						68	60	50
MON 8	40	0.03		4.8900	2.9000	0.0941		6.9	5.1			13.5	6.5	9.8	0.0000						64	50	40
TUE 9	40	0.11		4.5000	2.6600	0.1094		6.8	6.7	300	6530	14.0	6.7	9.2	0.0000						65	50	40
WED 10	38	0.20		4.1000	2.6100	0.1306		6.5	6.0			12.7	6.1	8.5	0.0000						73	60	40
THU 11	40	0.04		5.0100	2.6900	0.1427		6.6	6.1			13.2	6.7	8.4	0.0090						62	40	40
FRI 12	42	0.04		4.8300	2.5300	0.1171															68	60	40
SAT 13	42	0.04		4.4400	2.6200	0.1112															69	50	40
SUN 14	38	0.03		4.6100	2.6400	0.0921		7.0	6.4	78	4607	12.3	7.0	8.5	0.0000						61	50	40
MON 15	36	0.11		3.5400	2.4700	0.0779		7.0	6.3			12.4	6.4	8.1	0.0000						70	50	40
TUE 16	41	0.60		3.5000	2.5000	0.1000		7.0	5.3	84	1751	13.3	7.0	6.0	0.0000						65	60	40
WED 17	38	0.00		3.5000	2.5000	0.1000		7.0	4.8			13.0	6.9	8.1	0.0000						65	40	40
THU 18	37	0.05		3.7600	2.4600	0.0904		6.9	5.2	310	6567	13.9	6.6	8.6	0.0000						63	50	40
FRI 19	40	0.45		3.7000	2.5400	0.1152						13.7	6.6	8.6	0.0000						66	60	40
SAT 20	40	0.06		4.4600	2.6500	0.1170															66	60	40
SUN 21	38	0.26		4.6700	2.6900	0.1039		7.2	6.8			14.4	6.6	7.9	0.0000						61	60	40
MON 22	38	0.11		3.7700	2.6600	0.0436		7.0	6.1			14.1	6.7	8.3	0.0096						59	40	40
TUE 23	38	0.14		3.5800	2.5700	0.0943		7.3	5.6	440	9284	13.0	7.2	9.4	0.0000						64	50	40
WED 24	37	0.35		3.8100	2.5300	0.1327		7.3	6.7			13.2	7.3	9.4	0.0000						64	50	40
THU 25	35	0.08		5.1900	2.6900	0.1050		7.3	6.7			11.9	6.9	9.7	0.0000						70	55	30
FRI 26	33	0.12		4.1000	2.5800	0.0507															63	45	60
SAT 27	26	0.00		4.2400	2.4400	0.0533															62	60	40
TOTAL	6.39	136.1900		81.6500	2.8801			7.3	6.8	440	9284	14.0	7.3	9.8	0.0000					540	1924	1500	1240
MAXIMUM	42	2.26		7.7800	6.3000	0.1881		7.3	6.8	440	9284	14.0	7.3	9.8	0.0000						99	60	70
MINIMUM	26	0.00		3.5000	2.4400	0.0363		6.5	3.4	78	1607	11.9	6.5	6.0	0.0000						59	40	30
AVERAGE	38	0.23		4.8639	2.9161	0.1029		7.0	5.5	247	5641	12.8	7.0	8.1	0.0000						69	54	44

WEEKLY AVERAGE		WEEKLY AVERAGE		WEEKLY AVERAGE		WEEKLY AVERAGE	
WEEK	B.O.D.'s	WEEK	SUSPENDED SOLIDS	WEEK	CHLORINE RESIDUAL	WEEK	% REMOVAL
MG/L	LBS	MG/L	LBS	MG/L	LBS	B.O.D.	S.S.
31-06	6	8	240	31.06	0.0000	57	96
07-13	7	14	305	07-13	0.0000	54	94
14-20	9	14	299	14-20	0.0000	51	
21-27	14	18	404	21-27	0.0000	51	

COMMENTS:
 * GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE
 * FECCAL COLIFORM COLONIES.
 * FOR 1/16/99 AND 1/17/99 NO FLOW DATA AVAILABLE. THE DAILY FLOW HAS BEEN ESTIMATED
 * AMMONIA AS N 3.1 MG/L