

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

MAJOR (SUB 01)
F - FINAL
EFFLUENT
Form Approved.
OMB No. 2040-0004
Approval Expires 05-31-98

*** NO DISCHARGE
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
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: ANDREW BRONSON, WWTP SUPT.

(2-19)
AK0022951
PERMIT NUMBER

(17-19)
001 A
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2000	12	01	31

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

PARAMETER (32-37)	(3 Card Only) (46-53)		QUANTITY OF LOADING (54-61)		QUALITY OR CONCENTRATION (54-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0	*****	*****	*****	*****	12.3	13.6		5/7	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT MO AVG	REPORT WKLY AVG		WEEK - GRAB DAYS	
BOD, 5-DAY (20 DEG. C) 00310 G 0 0	3890	*****	(26)	*****	223	*****	0	2/7	COMP
RAW SEWINFLOW	REPORT 30 DAY AVG	*****	LBS/ DAY	*****	REPORT MO AVG	*****		WEEKLY COMP 24	
BOD, 5-DAY (20 DEG. C) 00310 1 0 0	122.8	146.9	(26)	*****	7.0	8.4		2/7	COMP
EFFLUENT GROSS VALUE	690 30 DAY AVG	1035 WKLY AVG	LBS/ DAY	*****	30 MO AVG	45 WKLY AVG		WEEKLY COMP 24	
pH	*****	*****	*****	*****	6.6	7.1	0	5/7	GRAB
00400 1 0 0	*****	*****	*****	*****	6.0 MIN	9.0 MAXIMUM		WEEK - GRAB DAYS	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	170	200	0	1/7	COMP
SOLIDS, TOTAL SUSPENDED 00530 G 0 0	2972	*****	(26)	*****	REPORT 30 DAY AVG	*****		WEEKLY COMP 24	
RAW SEWINFLOW	REPORT 30 DAY AVG	*****	LBS/ DAY	*****	REPORT 30 DAY AVG	*****		WEEKLY COMP 24	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	113.6	174.8	(26)	*****	6.5	10.0	0	1/7	COMP
EFFLUENT GROSS VALUE	690 30 DAY AVG	1035 WKLY AVG	LBS/ DAY	*****	30 DAY AVG	45 WKLY AVG		WEEKLY COMP 24	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	*****	*****	*****	*****	*****	8.8		1/ month	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	REPORT MO MAX		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 33 U.S.C. & 1362. (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				TELEPHONE		DATE			
ANDREW BRONSON				907 789-9919		2001 01		08	
Wastewater Utility Superintendent				AREA CODE		PHONE NUMBER		YEAR MO DAY	
TYPED OR PRINTED				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		PHONE NUMBER		YEAR MO DAY	
COMMENT AND EXPLANATION OF ANY VIOLATIONS				(REFERENCE ALL ATTACHMENTS HERE)					

Andrew W. Bronson
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
(REFERENCE ALL ATTACHMENTS HERE)

*CONCERNING VIOLATION- PLEASE SEE ATTACHED.

**TOXICITY REPORT FOR OCTOBER 2000 IS ATTACHED

EPA Form 3320-1 (08-95) Previ Previous editions may be used.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).

00434/981209 1904

PAGE 1 OF 2

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001 A

DISCHARGE NUMBER

(17-19)

PERMIT NUMBER

AK0022951

PERMIT NUMBER

YR 2000

MO 12

DAY 01

TO

YEAR 2000

MO 12

DAY 31

MONITORING PERIOD

YR 2000

MO 12

DAY 01

TO

YEAR 2000

MO 12

DAY 31

MONITORING PERIOD

NAME: JUNEAU, CITY AND BOROUGH OF

ADDRESS: MENDENHALL TREATMENT PLANT

155 SOUTH SEWARD,

JUNEAU, ALASKA 99801

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ATT: ANDREW BRONSON, WWTP SUPT.

PERMITTEE NAME/ADDRESS (include Facility name/Location if different)

PARAMETER (32-37)

(3 Card Only)

(46-53)

(54-61)

(24-25)

(22-23)

(46-53)

(38-45)

(54-61)

AVERAGE

2.0964

REPORT

MO AVG

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

MINIMUM

MAXIMUM

UNITS

(3)

MGD

AVERAGE

0.0000

0.002

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MO GEO

MENDENHALL WASTEWATER TREATMENT FACILITY
Juneau, Alaska

EPA REPORT

December 2000

DAY	DATE	WEATHER		FLOWS				INFLUENT				EFFLUENT				MISCELLANEOUS					
		TEMP F	RAIN INCHES	SBR INFLUENT MGD	SBR TTL EFFL MGD	SBR WASTE MGD	TEMP C	P.H.	D.O. MG/L	S.S. MG/L	B.O.D. LBS	TEMP C	P.H.	D.O. MG/L	CL RES MG/L	S.S. MG/L	B.O.D. LBS	FECAL COLIFORM /100 ML	POWER METER READING	CL USED LBS	SO ₂ USED LBS
SUN	3	37	0.00	2.2300	2.1400	0.1003	11.5	7.0	5.7										61	80	40
MON	4	36	0.99	2.2400	2.0400	0.0810	10.8	7.0	5.7										65	50	20
TUE	5	40	1.51	3.4700	3.3500	0.0968	11.5	6.9	7.1									1	69	90	70
WED	6	39	0.06	2.8600	2.5900	0.0765	10.7	6.5	6.2	150	3228	150	3228	3.0	64.6	4.4	94.7	68	60	60	
THU	7	37	0.07	2.5500	2.4900	0.0767	10.9	7.0	6.4									1	66	80	40
FRI	8	30	0.00	2.6600	2.3600	0.0804	11.6	7.1	5.5									57	80	40	
SAT	9	26	0.00	2.5300	2.3600	0.0854												52	50	50	
SUN	10	31	0.00	2.5000	2.3100	0.0742												62	50	50	
MON	11	28	0.00	2.3100	2.1400	0.0799	11.6	7.2	6.5									53	40	40	
TUE	12	24	0.00	2.2400	2.2400	0.1010	11.3	6.8	6.9									65	60	50	
WED	13	31	0.00	2.2300	1.8600	0.0865	10.7	7.4	6.2	160	2482	190	2947	6.0	93.1	7.7	119.4	63	40	50	
THU	14	15	0.00	2.2700	1.3100	0.0708	10.4	6.8	6.9									12	61	80	40
FRI	15	15	0.00	2.2800	2.0500	0.0714	10.7	7.0	6.5									64	40	40	
SAT	16	23	0.00	2.3100	2.1500	0.0883												64	50	40	
SUN	17	25	0.09	2.2400	2.1400	0.0888												67	40	30	
MON	18	37	0.40	2.3200	2.1500	0.0837	10.7	6.9	6.2									65	60	40	
TUE	19	32	0.00	2.1700	2.0100	0.0516	12.0	7.1	6.1									63	50	50	
WED	20	27	0.00	2.1100	1.9500	0.0482	11.9	7.4	5.1	170	2765	270	4381	10.0	162.6	8.4	136.6	64	0	50	
THU	21	26	0.00	2.1000	1.9200	0.0456	11.9	7.4	6.5									5	61	50	50
FRI	22	25	0.01	2.1700	2.0500	0.0555	10.2	7.6	6.8									63	50	30	
SAT	23	28	0.00	2.1600	1.9900	0.0535												61	50	40	
SUN	24	33	0.00	2.0400	1.9300	0.0483												60	50	40	
MON	25	37	0.00	1.8800	1.7500	0.0425	11.3	6.9	4.8									58	40	30	
TUE	26	34	0.00	2.0000	1.7900	0.0492	10.6	7.4	6.9									62	50	40	
WED	27	32	0.01	2.1100	1.8300	0.0466	10.8	7.5	6.9	200	3052	280	4273	7.0	106.8	7.6	116.0	61	50	40	
THU	28	35	0.05	2.0800	1.8800	0.0469	11.4	7.4	7.3									5	62	40	40
FRI	29	38	0.14	2.1400	1.8700	0.0489	11.3	7.4	6.3									62	40	40	
SAT	30	42	0.34	2.1400	2.0600	0.0451												60	60	40	
SUN																					
MON																					
TUE																					
WED																					
THU																					
FRI																					
SAT																					
TOTAL				64.3600	58.7000	1.9346													1741	1420	1190
MAXIMUM		42	1.51	3.4700	3.3500	0.1010	12.0	7.6	7.3	200	3228	280	4381	10.0	162.6	8.4	136.6	69	90	70	
MINIMUM		15	0.00	1.8800	1.3100	0.0425	10.2	6.5	4.8	150	2482	150	2947	3.0	64.6	4.4	94.7	52	0	20	
AVERAGE		30.96429	0.13	2.2986	2.0964	0.0691	11.1	7.1	6.3	170	2882	223	3710	6.5	106.8	7.0	116.7	62	51	43	

COMMENTS:
 *GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
 *ON DECEMBER 20, 2000 CHLORINE CYLINDER WAS CHANGED - NO RECORD OF LBS CHLORINE USED WAS ENTERED

WEEK	WEEKLY AVERAGE				WEEKLY	
	BOD MG/L	TSS LBS	CHLORINE MG/L	COLIFORM LBS	COLIFORM MG/L	PER. MEAN
03-09	4.4	94.7	3.0	64.6	64.3	1
10-16	7.7	119.4	6.0	93.1	48.6	5
17-23	8.4	136.6	10.0	162.6	42.9	5
24-30	7.6	116.0	7.0	106.8	47.1	5
MAX	8.4	136.6	10.0	162.6	64	5

* AMMONIA AS N = 6.8 MG/L

% REMOVAL	97
B.O.D.	98
S.S.	96

POWER USAGE IN KILOWATT-HOURS	TOTAL	278560
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