

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

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

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

Form Approved.  
OMB No. 2040-0004  
Approval Expires 05-31-98

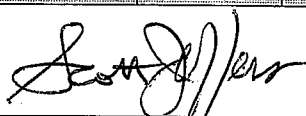
NOTE: Read instructions before completing this form.

**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 Superintendent

**AK-002295-1**  
PERMIT NUMBER

**001 A**  
DISCHARGE NUMBER

MONITORING PERIOD						
YR	MO	DAY	TO	YEAR	MO	DAY
2007	6	1		2007	6	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Turbidity 00070 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	*****	12.1	16.1	(43)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	NTU		Continuous	RCORDR
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	4.1	4.1	*****	(19)	0		
	PERMIT REQUIREMENT	*****	*****	****	Req. Mon. DAILY MN	Req. Mon. MO AVG	*****	19		Once Per Month	GRAB
BOD, 5-Day, 20 deg. C 00310 1 0 Effluent Gross	MEASUREMENT	267.4	299.1	(26)	*****	16.6	18.3	(19)	0		
	PERMIT REQUIREMENT	1226 MO AVG	2452 DAILY MX	lb/d	*****	30 MO AVG	60 DAILY MX	19		Twice Per Month	COMP24
BOD, 5-Day, 20 deg. C 00310 W 0 See Comments	MEASUREMENT	299.1	*****	(26)	*****	18.3	*****	(19)	0		
	PERMIT REQUIREMENT	1829 WKLY AVG	*****	lb/d	*****	45 WKLY AVG	*****	19		Twice Per Month	COMP24
pH 00400 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	6.5	*****	6.7	(12)	0		
	PERMIT REQUIREMENT	*****	*****	****	6.5 INST MIN	*****	9.0 INST MAX	12		Weekdays	GRAB
Alkalinity, total (asCaCo3) 00410 1 7 Effluent Gross	MEASUREMENT	*****	*****	****	*****	145.0	145.0	(19)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	19		Quarterly	COMP24
Solids, total suspended 00530 1 0 Effluent Gross	MEASUREMENT	256.5	382.3	(26)	*****	16.0	24.0	(19)	0		
	PERMIT REQUIREMENT	1226 MO AVG	2452 DAILY MX	lb/d	*****	30 MO AVG	60 DAILY MX	19		Twice Per Month	COMP24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Scott Jeffers</b> Wastewater Utilities Superintendent	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE		DATE	
TYPED OR PRINTED								907	586-0393	2007	7
COMMENT AND EXPLANATION OF ANY VIOLATIONS	AREA CODE		PHONE NUMBER		YEAR		MO		DAY		

\* Concerning violations-please see attached. The reporting period was from 06/03/2007 through 06/30/2007.

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

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

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.

**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 Superintendent

**AK-002295-1**  
PERMIT NUMBER

**001 A**  
DISCHARGE NUMBER


MONITORING PERIOD						
YR	MO	DAY	TO	YEAR	MO	DAY
2007	6	1		2007	6	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Solids, total suspended		382.3	*****	(26)	*****	24.0	*****	(19)	0		
00530 W 0 See Comments	PERMIT REQUIREMENT	1829 WKLY AVG	*****	lb/d	*****	45 WKLY AVG	*****	19		Twice Per Month	COMP24
Nitrogen, ammonia total (as N)		326.9	326.9	(26)	*****	20.0	20.0	(19)	0		
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	1164 MO AVG	1963 DAILY MX	lb/d	*****	28.5 MO AVG	48 DAILY MX	19		Once Per Month	COMP24
Hardness, total (as CaCO3)		*****	*****	****	*****	68.0	68.0	(19)	0		
00900 1 6 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	19		Once Per Month	GRAB
Silver, total recoverable		NO TEST	NO TEST	(26)	*****	NO TEST	NO TEST	(28)	0		
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28		Three Per Year	COMP24
Zinc, total recoverable		NO TEST	NO TEST	(26)	*****	NO TEST	NO TEST	(28)	0		
01094 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28		Three Per Year	COMP24
Lead, total recoverable		NO TEST	NO TEST	(26)	*****	NO TEST	NO TEST	(28)	0		
01114 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28		Three Per Year	COMP24
Copper, total recoverable		0.465	0.465	(26)	*****	28.4	28.4	(28)	0		
01119 1 0 Effluent Gross	PERMIT REQUIREMENT	3.54 MO AVG	7.63 DAILY MX	lb/d	*****	86.7 MO AVG	187 DAILY MX	28		Once Per Month	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Scott Jeffers**  
Wastewater Utilities Superintendent

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT



TELEPHONE  
**907 586-0393**

AREA CODE  
PHONE NUMBER

DATE  
2007 7 9  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
\* Concerning violations-please see attached. The reporting period was from 06/03/2007 through 06/30/2007.

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

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

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

Form Approved.  
 OMB No. 2040-0004  
 Approval Expires 05-31-98

NOTE: Read instructions before completing this form.

**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 Superintendent

**AK-002295-1**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

MONITORING PERIOD						
YR	MO	DAY	TO	YEAR	MO	DAY
2007	6	1		2007	6	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal - % sample exceeds limit 30500 0 0 See Comments	*****	*****	****	*****	*****	*****	0	(23)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	%		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 0 0 See Comments	*****	*****	****	*****	N/A	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	161 MO GEO	Req. Mon. DAILY MX	13 #/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 P 0 See Comments	*****	*****	****	*****	N/A	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	400 WKLY GEO	200 MO GEO	800 DAILY MX	#/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 Q 0 See Comments	*****	*****	****	*****	N/A	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	400 WKLY GEO	200 MO GEO	800 DAILY MX	#/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 R 0 See Comments	*****	*****	****	*****	20	4.2	20	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	800 WKLY GEO	400 MO GEO	1200 DAILY MX	#/100mL		Twice Every Week	GRAB
Floating solids or visible foam-visual 45613 1 0 Effluent Gross	*****	*****	****	*****	*****	*****	0		0		
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MX	Y=1; N=0		Once Per Month	VISUAL
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	*****	*****	****	*****	*****	*****	*****	****	0		
	PERMIT REQUIREMENT	Req. Mon. MO AVG	4.9 DAILY MX	3 Mgal/d	*****	*****	*****	****		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Scott Jeffers**  
 Wastewater Utilities Superintendent

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

TELEPHONE  
**907** AREA CODE  
**586-0393** PHONE NUMBER  
 DATE  
 2007 YEAR  
 7 MO  
 9 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
 \* Concerning violations-please see attached. The reporting period was from 06/03/2007 through 06/30/2007.

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

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

MAJOR  
(SUB 01)  
F - FINAL  
EFFLUENT

Form Approved.  
OMB No. 2040-0004  
Approval Expires 05-31-98

\*\*\* NO DISCHARGE \*\*\*

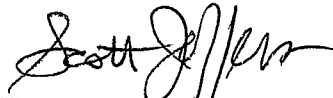
NOTE: Read instructions before completing this form.

**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 Superintendent

**AK-002295-1**  
PERMIT NUMBER

**001 A**  
DISCHARGE NUMBER

MONITORING PERIOD						
YR	MO	DAY	TO	YEAR	MO	DAY
2007	6	1		2007	6	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Chlorine, total residual		N/A	N/A	(26)	*****	N/A	N/A	(28)	0		
50060 S 0 See Comments	PERMIT REQUIREMENT	4.09 MO AVG	4.09 DAILY MX	lb/d	*****	100 MO AVG	100 DAILY MX	ug/l		QUARTERLY	COMP24
Dilution factor		*****	*****	****	1299.7	1598.1	*****	ug/L	0		
80093 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	Req. Mon. DAILY MN	Req. Mon. MO AVG	*****	1U		DAILY	MEASRD
BOD,5-day, percent removal		*****	*****	****	94	*****	*****	(23)	0		
81010 K 0 Percent Removal	PERMIT REQUIREMENT	*****	*****	****	85 MN % RMV	*****	*****	23 %		Once Per Month	CALCTD
Solids, suspended percent removal		*****	*****	****	92	*****	*****	(23)	0		
81011 K 0 0 Percent Removal	PERMIT REQUIREMENT	*****	*****	****	85 MN % RMV	*****	*****	23 %		Once Per Month	CALCTD
Chlorine usage		N/A	*****	(26)	*****	*****	*****		0		
81400 X 0 End of Chlorine Contact Chamber	PERMIT REQUIREMENT	Req. Mon. MO AVG	*****	lb/d	*****	*****	*****			DAILY	MEASRD
Oil and grease visual		*****	*****	****	*****	*****	0	(93)	0		
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MX	occur/mo		Once Per Month	VISUAL
Toxicity, Chronic		*****	*****	****	*****	*****	3.3	(2G)	0		
TT000 1 8 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MX	ox chronic		Semiannual	COMP24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE			
Scott Jeffers Wastewater Utilities Superintendent								907 AREA CODE	586-0393 PHONE NUMBER		DATE
TYPED OR PRINTED								2007 YEAR	7 MO	9 DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

\* Concerning violations-please see attached. The reporting period was from 06/03/2007 through 06/30/2007.

DAY	DATE	WEATHER		FLOWS				INFLUENT						EFFLUENT						MISC						
		TEMP °F	RAIN FALL INCHES	SBR INFLUENT MGD	Mend. River CFS	SBR TTL EFFL MGD	Receiving Water Dilution	SBR WASTE MGD	TEMP °C	pH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	TEMP °C	pH	D.O. mg/L	TURBID. MAX NTU		S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FECAL COLIFORM /100 ml	POWER METER READING
SUN	3	50	0.02	2.54	3900	1.94	1299.7 /1	0.0540																		49
MON	4	58	0.02	2.49	4550	1.85	1589.8 /1	0.0674	13.0	6.9					14.0	6.5		15.1								52
TUE	5	55	0.35	2.56	4660	1.96	1536.9 /1	0.0777	13.0	6.9		212	3465	311	5084	14.0	6.7		11.4	8.0	130.8	18.3	299.1		50	
WED	6	51	0.04	2.63	4800	2.01	1543.7 /1	0.1130	12.0	7.0						14.0	6.5	4.1	11.8					20	54	
THU	7	49	0.01	2.73	5640	2.09	1744.3 /1	0.1020	11.0	6.9						13.0	6.5		12.4						53	
FRI	8	50	0.01	2.49	4490	1.98	1465.9 /1	0.0962	13.0	6.7						14.0	6.5		11.9						53	
SAT	9	56	0.00	2.44	4420	1.93	1480.4 /1	0.0918																	49	
SUN	10	58	0.02	2.43	4490	1.96	1480.9 /1	0.0691																	50	
MON	11	51	0.39	2.46	4690	1.98	1531.2 /1	0.0676	13.0	6.9						15.0	6.6								52	
TUE	12	51	0.02	2.37	5230	1.91	1769.9 /1	0.0788	13.0	6.9		198	3154	269	4285	14.0	6.5		10.6	24.0	382.3	14.8	235.8		49	
WED	13	54	0.00	2.35	4620	1.95	1531.5 /1	0.0831	13.0	6.9						14.0	6.5		11.2					4	51	
THU	14	55	0.00	2.38	4560	1.88	1567.9 /1	0.0879	12.0	6.8						14.0	6.6		11.5						51	
FRI	15	59	0.00	2.30	5260	1.93	1761.6 /1	0.0860	14.0	7.1						15.0	6.6		11.9						50	
SAT	16	58	0.00	2.40	7620	1.95	2525.4 /1	0.0824																	50	
SUN	17	53	0.00	2.34	5940	1.98	1939.0 /1	0.0746																	50	
MON	18	49	0.13	2.43	4490	2.00	1451.3 /1	0.0860	13.0	7.0						15.0	6.6		10.6						50	
TUE	19	57	0.57	2.34	4190	1.92	1410.8 /1	0.0883	12.0	6.8						13.0	6.6		12.7						52	
WED	20	56	0.00	2.46	4250	2.02	1360.2 /1	0.1150	13.0	6.9						14.0	6.5		13.0					1	53	
THU	21	53	0.03	2.34	4770	1.89	1631.4 /1	0.1140	13.0	6.9						14.0	6.5		12.4						49	
FRI	22	43	0.33	2.34	4520	2.00	1461.0 /1	0.0862	14.0	6.8						15.0	6.5		11.5						48	
SAT	23	53	0.00	2.36	4420	1.87	1527.9 /1	0.0766																	48	
SUN	24	52	0.03	2.36	4190	1.88	1440.8 /1	0.0763																	48	
MON	25	51	0.04	2.33	4330	1.80	1555.0 /1	0.0849	14.0	7.1						14.0	6.5		13.8						50	
TUE	26	56	0.00	2.49	4310	1.89	1474.2 /1	0.1111	14.0	7.0						15.0	6.6		16.1						54	
WED	27	53	0.00	2.44	4270	1.88	1468.2 /1	0.1010	13.0	6.9						15.0	6.5		11.2					4	49	
THU	28	59	0.01	2.31	4650	1.87	1607.4 /1	0.0912	14.0	6.7						15.0	6.6		11.4						50	
FRI	29	56	0.14	2.36	4490	1.83	1586.0 /1	0.0794	14.0	6.7						15.0	6.5		9.9						49	
SAT	30	55	0.09	2.36	5120	1.65	2005.6 /1	0.0800																	49	
TOTAL			2.25	67.83	132870	53.80	44747.5 /1	2.4216																		1412
MAXIMUM		59	0.57	2.73	7620	2.09	2525.4 /1	0.1150	14.0	7.1		212	3465	311	5084	15.0	6.7	4.1	16.1	24.0	382.3	18.3	299.1	20	54	
MINIMUM		43	0.00	2.30	3900	1.65	1299.7 /1	0.0540	11.0	6.7		198	3154	269	4285	13.0	6.5	4.1	9.9	8.0	130.8	14.8	235.8	1	48	
AVERAGE		54	0.1	2.42	4745	1.92	1598.1 /1	0.0865	13.1	6.9		205	3310	290	4684	14.3	6.5	4.1	12.1	16.0	256.5	16.6	267.4	4.2	50	

COMMENTS:

\* GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES

June 2007	
Hrd. mg/l	68.0
Alk. mg/l	145.0
D.O. mg/l	4.1
Turb. NTU	16.1

Tox. TUc	3.3
----------	-----

June 2007		
	ug/L	LBS
Copper	28.40	0.465
Lead	NO TEST	NO TEST
Silver	NO TEST	NO TEST
Zinc	NO TEST	NO TEST
NH3 mg/L	20.0	326.9

WEEK	WEEKLY AVERAGE				WEEKLY COLIFORM Geom. Mean
	BOD		TSS		
	mg/l	lbs	mg/l	lbs	
1	18.3	299.1	8.0	130.8	20.0
2	14.8	235.8	24.0	382.3	4.0
3					1.0
4					4.0
AVG	16.6	267.4	16.00	256.5	4.2
MAX	18.3	299.1	24.0	382.3	20.0

% REMOVAL	
B.O.D.	94
S.S.	92

POWER USAGE IN KILOWATT-HOURS	
TOTAL	225920