

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

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
ATTN: Scott Jeffers WW Utilities Superintendent

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

AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2006	3	1	2006

PARAMETER	X	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	MINIMUM		AVERAGE	MAXIMUM	MINIMUM			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	352.3	*****	*****	(26)	22.0	*****	*****	0	1/7	COMP 24
00530 G 0 0	PERMIT REQUIREMENT	1839	*****	*****		45	*****	*****			
SEE COMMENTS BELOW	PERMIT REQUIREMENT	WKL/Y AVG	*****	*****		WKL/Y AVG	*****	*****			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	278.6	*****	*****	(26)	17.0	*****	*****	0	1/7	COMP 24
00530 G 0 0	PERMIT REQUIREMENT	1226	*****	*****		30	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
NITROGEN AMMONIA	SAMPLE MEASUREMENT	339.8	*****	*****	(26)	21.0	*****	*****	0	1/30	COMP 24
TOTAL (as N)	PERMIT REQUIREMENT	1079	*****	*****		26.4	*****	*****			
00610 1 0 0	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.013	*****	*****	(26)	0.82	*****	*****	0	1/30	COMP 24
SILVER	PERMIT REQUIREMENT	0.036	*****	*****		0.87	*****	*****			
TOTAL RECOVERABLE	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
01079 1 0 0	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.41	*****	*****	(26)	25.3	*****	*****	0	1/30	COMP 24
ZINC	PERMIT REQUIREMENT	2.92	*****	*****		71.4	*****	*****			
TOTAL RECOVERABLE	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
01094 1 0 0	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.005	*****	*****	(26)	0.3	*****	*****	0	1/30	COMP 24
LEAD	PERMIT REQUIREMENT	0.225	*****	*****		5.5	*****	*****			
TOTAL RECOVERABLE	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
01114 1 0 0	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.342	*****	*****	(26)	21.10	*****	*****	2	1/30	COMP 24
COPPER	PERMIT REQUIREMENT	0.342	*****	*****		8.36	*****	*****			
TOTAL RECOVERABLE	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
01119 1 0 0	PERMIT REQUIREMENT	MO AVG	*****	*****		MO AVG	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.342	*****	*****	(26)	21.10	*****	*****	2	1/30	COMP 24
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.										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	<p>Signature: <i>Scott Jeffers</i></p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p>										
AREA CODE	907	TELEPHONE	586-0393								
PHONE NUMBER											
DATE											
2006 YEAR	4 MO	7 DAY									

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Please see letter dated March 31, 2006

was from 2/26/2006 through 04/01/2006.

* Concerning violations please see attached. The reporting period was from 2/26/2006 through 04/01/2006. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).

00-334/981209 1904

PAGE 2 OF 4

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

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
ATTN: Scott Jeffers WW Utilities Superintendent

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

AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

PARAMETER	X	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			MONITORING PERIOD		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	YR	MO			
FECAL COLIFORM MF, M-FC BROTH 44.5C	SAMPLE MEASUREMENT	*****	*****	****	*****	8.3	*****	3	1	0	3/7	GRAB
31616 W 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	400 WKLY GEO	*****	3	1	0	THREE-TIMES/WEEK	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	****	*****	5.9	*****	3	1	0	3/7	GRAB
FECAL COLIFORM MF, M-FC BROTH 44.5C	PERMIT REQUIREMENT	*****	*****	****	*****	200 MO GEO	*****	3	1	0	THREE-TIMES/WEEK	GRAB
31616 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	16.0	*****	3	1	0	7/7	RECORDED
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	400 DAILY GEO	*****	3	1	0	7/7	RECORDED
FLOW IN CONDUIT OR THROUGH TREATMENT PLANT	SAMPLE MEASUREMENT	2.07	3.41	(03)	*****	*****	*****	3	1	0	7/7	RECORDED
50050 P 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
EFFLUENT DILUTION RATIO	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
78480 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
BOD, 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
81010 K 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
SOLIDS, SUSPENDED PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
TURBIDITY, LAB NTU	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
82079 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	3	1	0	7/7	RECORDED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Scott Jeffers
Wastewater Utilities Superintendent

PERMIT NUMBER: AK-002295-1

MONITORING PERIOD: YR 2006, MO 3, DAY 1

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *[Signature]*

TELEPHONE: 586-0393
PHONE NUMBER: 586-0393
DATE: 2006
WEEK DAYS: 5/7
GRAB

COMMENT AND EXPLANATION OF ANY VIOLATIONS
* Concerning violations-please see attached. The reporting period was from 2/26/2006 through 04/01/2006.
Please see letter dated March 31, 2006

MENDENHALL WASTEWATER TREATMENT FACILITY
Juneau, Alaska

March 2006

EPA REPORT

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	26	18	0.00	2.12	1460	2.12	445.9 /1	0.0450																	71	
MON	27	18	0.00	1.96	1500	1.96	495.4 /1	0.0530	10.2	7.0	6.8				10.9	6.5	5.4	8.9							78	
TUE	28	18	0.00	1.94	1370	1.94	457.2 /1	0.0634	9.1	6.8	8.1	216	3495	277	4482	10.3	6.5	3.9	9.0	14.0	226.5	23.9	386.7	2.0	81	
WED	1	25	0.00	1.96	1350	1.96	445.9 /1	0.0643	9.7	6.9	7.1				10.7	6.5	3.3	9.1							2.0	81
THU	2	26	0.00	1.89	1974	1.89	675.7 /1	0.0646	9.4	6.5	7.9				10.9	6.5	3.7	9.2							8.0	78
FRI	3	28	0.00	1.84	1510	1.84	531.1 /1	0.0600	11.0	7.0	8.0				10.8	6.5	4.7	8.9								80
SAT	4	34	0.03	1.96	1490	1.96	492.1 /1	0.0455																		78
SUN	5	32	0.04	1.97	1440	1.97	473.2 /1	0.0528																		76
MON	6	32	0.06	1.90	1420	1.90	483.8 /1	0.0643	10.1	7.3	6.9				10.9	6.5	6.2	8.1								76
TUE	7	35	0.31	1.88	1360	1.88	468.3 /1	0.0691	10.3	6.8	8.1	168	2634	217	3402	11.2	6.5	4.1	8.0	17.0	266.5	17.1	268.1	6.0	97	
WED	8	33	0.43	3.41	1400	3.41	266.2 /1	0.0562	10.1	6.8	7.7				11.6	6.5	3.4	8.7							6.0	102
THU	9	30	0.02	1.89	1450	1.89	496.6 /1	0.0542	9.2	6.8	7.6				10.5	6.7	4.5	9.1							12.0	82
FRI	10	29	0.00	1.80	1280	1.80	460.4 /1	0.0719	10.6	6.8	6.7				11.9	6.5	4.5	10.3								81
SAT	11	22	0.00	1.96	1380	1.96	455.8 /1	0.0684																		75
SUN	12	22	0.00	1.95	1340	1.95	444.9 /1	0.0647																		78
MON	13	15	0.00	1.93	1310	1.93	439.5 /1	0.0588	10.1	7.0	8.4				11.6	6.5	4.0	9.2								81
TUE	14	7	0.00	2.09	1270	2.09	393.5 /1	0.0578	8.4	6.8	8.6	180	3138	232	4044	10.1	6.5	5.0	9.1	15.0	261.5	18.2	317.2	8.0	82	
WED	15	5	0.00	2.29	1300	2.29	367.7 /1	0.0608	8.0	6.8	8.8				9.7	6.5	4.5	9.1							8.0	85
THU	16	6	0.00	2.29	1380	2.29	390.3 /1	0.0671	9.2	6.6	7.2				9.2	6.5	3.8	9.8							4.0	85
FRI	17	7	0.00	2.42	1110	2.42	297.3 /1	0.0734	9.7	6.7	7.6				10.9	6.5	3.7	9.3								88
SAT	18	13	0.00	2.46	1340	2.46	352.9 /1	0.0622																		83
SUN	19	27	0.30	2.17	1290	2.17	385.0 /1	0.0549																		70
MON	20	37	0.22	2.14	1360	2.14	411.5 /1	0.0587	10.5	7.2	7.1				10.8	6.5	3.4	9.4								80
TUE	21	37	0.00	2.02	1340	2.02	429.5 /1	0.0716	11.2	7.0	7.3	204	3437	323	5442	11.7	6.6	5.0	10.1	17.0	286.4	19.7	331.9	16.0	84	
WED	22	39	0.00	2.07	1260	2.07	394.2 /1	0.0795	10.6	7.0	7.5				12.0	6.6	5.0	10.2							2.0	72
THU	23	40	0.00	2.06	1320	2.06	414.9 /1	0.0896	9.2	6.9	8.4				11.5	6.6	5.5	9.6							6.0	78
FRI	24	40	0.01	2.05	1350	2.05	426.4 /1	0.0794	11.7	6.7	8.0				12.4	6.5	3.4	10.5								80
SAT	25	35	0.08	1.98	1590	1.98	519.8 /1	0.0750																		79
SUN	26	39	0.01	1.99	1390	1.99	452.2 /1	0.0602																		80
MON	27	39	0.00	1.99	1450	1.99	471.7 /1	0.0536	11.2	6.8	7.6				11.4	6.5	2.9	11.1								73
TUE	28	36	0.00	1.92	1350	1.92	455.2 /1	0.0631	9.8	6.7	8.4	216	3459	393	6293	11.1	6.5	4.5	11.7	22.0	352.3	29.7	475.6	6.0	83	
WED	29	37	0.00	2.13	1470	2.13	446.8 /1	0.0701	9.6	6.8	8.5				11.8	6.5	4.1	14.2							6.0	80
THU	30	36	0.00	1.98	1500	1.98	490.4 /1	0.0828	10.7	6.9	7.1				11.3	6.5	3.1	13.8							16.0	82
FRI	31	35	0.00	2.02	1430	2.02	458.3 /1	0.0835	10.4	6.9	8.3				11.6	6.5	3.4	13.5								78
SAT	1	37	0.00	1.97	1490	1.97	489.6 /1	0.0693																		73
TOTAL			1.51	72.40	49024	72.40	/1	2.2688																		2810
MAXIMUM		40	0.43	3.41	1974	3.41	675.7 /1	0.0896	11.7	7.3	8.8	216	3495	393	6293	12.4	6.7	6.2	14.2	22.0	352.3	29.7	475.6	16.0	102	
MINIMUM		5	0.00	1.80	1110	1.80	266.2 /1	0.0450	8.0	6.5	6.7	168	2634	217	3402	9.2	6.5	2.9	8.0	14.0	226.5	17.1	268.1	2.0	70	
AVERAGE		27.7	0.04	2.07		2.07	445.1	0.0648	10.0	6.9	7.7	197	3232	288	4733	11.1	6.5	4.2	10.0	17.0	278.6	21.7	355.9	5.9	80.3	

COMMENTS:

- * GEOMETRIC MEAN WAS USED TO CALCULATE THE AVERAGE FECAL COLIFORM COLONIES
- * INFLUENT FLOW WAS USED TO CALCULATE INFLUENT AND EFFLUENT LOADING

March 2006	
Hrd. mg/l	92.0
Alk. mg/l	151.0
D.O. mg/l	4.2
Turb. NTU	14.2

Tox. TUc	N/A
----------	-----

March 2006		
	ug/L	LBS
Copper	21.10	0.342
Lead	0.30	0.005
Silver	0.82	0.013
Zinc	25.30	0.410
NH3 mg/L	21.00	339.77

WEEK	WEEKLY AVERAGE				WEEKLY COLIFORM (Geo. Mean)
	BOD		TSS		
	mg/l	lbs	mg/l	lbs	
1	23.9	386.7	14.0	226.5	3.2
2	17.1	268.1	17.0	266.5	7.6
3	18.2	317.2	15.0	261.5	6.3
4	19.7	331.9	17.0	286.4	5.8
5	29.7	475.6	22.0	352.3	8.3
AVG	21.7	355.9	17.0	278.6	6.2
MAX	29.7	475.6	22.0	352.3	8.3

% REMOVAL	
B.O.D.	92.5
S.S.	91.4

POWER USAGE IN KILOWATT-HOURS	
TOTAL	449600