

TOTAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**CHARGE 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  
**ATT:** Tom Trego WW Utilities Superintendent

**AK-002295-1**  
 PERMIT NUMBER

**001 A**  
 DISCHARGE NUMBER

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

**MONITORING PERIOD**

YR	MO	DAY	TO	YEAR	MO	DAY
2011	2	27		2011	3	26

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	MINIMUM			
TEMPERATURE, WATER	SAMPLE	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB
DEG. CENTIGRADE	PERMIT	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB
BOD, 5-DAY	SAMPLE	6580	8168	(26)	*****	*****	*****	*****	0	1/7	COMP 24
(20 DEG. C)	MEASUREMENT	6580	8168	(26)	*****	*****	*****	*****	0	1/7	COMP 24
00310 G 0 0	PERMIT	REPORT	REPORT	LBS/DAY	*****	*****	*****	*****	0	1/7	COMP 24
RAW SEW/INFLUENT	REQUIREMENT	MO AVG	DAILY MAX		*****	*****	*****	*****	0	1/7	COMP 24
BOD, 5-DAY	SAMPLE	361	*****	(26)	*****	*****	*****	*****	0	1/7	COMP 24
(20 DEG. C)	MEASUREMENT	361	*****	(26)	*****	*****	*****	*****	0	1/7	COMP 24
00310 W 0 0	PERMIT	1839	*****	LBS/DAY	*****	*****	*****	*****	0	1/7	COMP 24
SEE COMMENTS BELOW	REQUIREMENT	WPLY AVG	*****		*****	*****	*****	*****	0	1/7	COMP 24
BOD, 5-DAY	SAMPLE	359	439	(26)	*****	*****	*****	*****	0	1/7	COMP 24
(20 DEG. C)	MEASUREMENT	359	439	(26)	*****	*****	*****	*****	0	1/7	COMP 24
00310 1 0 0	PERMIT	1226	2452	LBS/DAY	*****	*****	*****	*****	0	1/7	COMP 24
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX		*****	*****	*****	*****	0	1/7	COMP 24
pH	SAMPLE	*****	*****	LBS/DAY	*****	*****	*****	*****	0	1/7	COMP 24
MEASUREMENT	*****	*****	*****		*****	*****	*****	*****	0	1/7	COMP 24
00400 1 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
ALKALINITY, BICARBONATE	SAMPLE	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
as CaCO3	MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
00425 1 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	1/7	COMP 24
SOLIDS, TOTAL	SAMPLE	3269	3824	(26)	*****	*****	*****	*****	0	1/7	COMP 24
SUSPENDED	MEASUREMENT	3269	3824	(26)	*****	*****	*****	*****	0	1/7	COMP 24
00630 G 0 0	PERMIT	REPORT	REPORT	LBS/DAY	*****	*****	*****	*****	0	1/7	COMP 24
RAW SEW/INFLUENT	REQUIREMENT	MO AVG	DAILY MAX		*****	*****	*****	*****	0	1/7	COMP 24

**Tom Trego**  
**Wastewater Utilities Superintendent**

*Tom Trego*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

**907** AREA CODE  
**586-0393** TELEPHONE NUMBER  
**001** PHONE NUMBER  
**2011** YEAR  
**4** MO  
**10** DAY

**\* Concerning violations-please see attached.** The reporting period was from **02/27/2011** through **03/26/2011**.  
 (Reference all attachments here)  
 EPA Form 3320-1 (03-99) Previous editions may be used.  
 (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).  
 00434/981209 1904  
 PAGE 1 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  
**ATT:** Tom Trego WW Utilities Superintendent

**AK-002295-1**  
PERMIT NUMBER

**001 A**  
DISCHARGE NUMBER

Form Approved  
OMB No. 2040-0004  
Approval Expires 05-31-98  
MATOR (SUB 01)  
F - FINAL  
EFFLUENT  
\*\*\* NO DISCHARGE  
NOTE: Read instructions before completing this form.

MONITORING PERIOD			
YR	MO	DAY	TO
2011	2	27	2011
YEAR	MO	DAY	YEAR
2011	4	10	2011

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL	SAMPLE	366	*****	(26)	*****	25	*****	(19)	0	1/7	COMP 24
SUSPENDED	PERMIT	1839	*****		*****	45	*****				
00530 G 0 0	PERMIT	1839	*****		*****	45	*****				
SEE COMMENTS BELOW	REQUIREMENT	WKLY AVG	*****	LBS/DAY	*****	WKLY AVG	*****	MG/L	0	WEEKLY	COMP 24
SOLIDS, TOTAL	SAMPLE	408	540	(26)	*****	28	37	(19)	0	1/7	COMP 24
SUSPENDED	PERMIT	1226	2452		*****	30	60				
00530 G 0 0	PERMIT	1226	2452		*****	30	60				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	MG/L	0	WEEKLY	COMP 24
NITROGEN AMMONIA	SAMPLE	242	242	(26)	*****	16.0	16.0	(19)	0	1/30	COMP 24
TOTAL (as N)	MEASUREMENT	1079	1622		*****	26.4	39.7				
00610 1 0 0	PERMIT	1079	1622		*****	26.4	39.7				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	MG/L	0	ONCE/ MONTH	COMP 24
SILVER	SAMPLE	N/A	N/A	(26)	*****	N/A	N/A	(28)	0	1/30	COMP 24
TOTAL RECOVERABLE	MEASUREMENT	0.036	0.072		*****	.87	1.75				
01079 1 0 0	PERMIT	0.036	0.072		*****	.87	1.75				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	ug/L	0	ONCE/ MONTH	COMP 24
ZINC	SAMPLE	N/A	N/A	(26)	*****	N/A	N/A	(28)	0	1/30	COMP 24
TOTAL RECOVERABLE	MEASUREMENT	2.92	6.09		*****	71.4	149.0				
01094 1 0 0	PERMIT	2.92	6.09		*****	71.4	149.0				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	ug/L	0	ONCE/ MONTH	COMP 24
LEAD	SAMPLE	N/A	N/A	(26)	*****	N/A	N/A	(28)	0	1/30	COMP 24
TOTAL RECOVERABLE	MEASUREMENT	0.225	0.450		*****	5.5	11.0				
01114 1 0 0	PERMIT	0.225	0.450		*****	5.5	11.0				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	ug/L	0	ONCE/ MONTH	COMP 24
COPPER	SAMPLE	0.3	0.3	(26)	*****	20.0	20.0	(28)	0	1/30	COMP 24
TOTAL RECOVERABLE	MEASUREMENT	0.342	0.858		*****	8.36	20.1				
01119 1 0 0	PERMIT	0.342	0.858		*****	8.36	20.1				
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	ug/L	0	ONCE/ MONTH	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.

*Michael J. Smith*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907  
AREA CODE  
586-0393  
TELEPHONE  
PHONE NUMBER  
DATE  
2011  
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DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
\* Concerning violations please see attached. The reporting period was from 02/27/2011 through 03/26/2011.  
(Reference all attachments here)  
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REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.  
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		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	UNITS			
FECAL COLIFORM MF	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
M-FC BROTH 44.5C	PERMIT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
31616 W 0 0	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
FECAL COLIFORM MF	PERMIT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
M-FC BROTH 44.5C	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
31616 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
EFFLUENT GROSS VALUE	PERMIT	*****	*****	****	*****	*****	*****	*****	0	3/7	GRAB
FLOW IN CONDUIT OR THROUGH TREATMENT PLANT	SAMPLE MEASUREMENT	1.7561	1.9500	(03)	*****	*****	*****	*****	0	7/7	RECORDED
50050 P 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	7/7	RECORDED
SEE COMMENTS BELOW	REQUIREMENT	MO AVG	DAILY MAX	MGD	*****	*****	*****	*****	0	7/7	RECORDED
EFFLUENT DILUTION RATIO	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	7/7	RECORDED
78480 1 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	7/7	RECORDED
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	7/7	RECORDED
BOD 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
81010 K 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
PERCENT REMOVAL	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
81011 K 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
PERCENT REMOVAL	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	1/30	CALCULATED
TURBIDITY, LAB NTU	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB
82079 1 0 0	PERMIT	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	5/7	GRAB

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*Patricia D. Miskala*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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