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

MAJOR (SUB 01) F - FINAL EFFLUENT

Form Approved.

OMB No. 2040-0004

*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

00300 1 0 OXYGEN, DISSOLVED PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) DEG, CENTIGRADE SEE COMMENTS BELOW BOD, 5-DAY BOD, 5-DAY EFFLUENT GROSS VALUE 00010 1 0 0 Scott Jeffers Wastewater Utilities Superintendent BOD, 5-DAY 00310 W 0 0 RAW SEW/INFLUENT 00310 G EFFLUENT GROSS VALUE 00530 G 0 0 **EFFLUENT GROSS VALUE** TEMPERATURE, WATER LOCATION: FACILITY: ADDRESS: NAME/TITLE PRINCIPAL EXECUTIVE OFFICER RAW SEW/INFLUENT SUSPENDED SOLIDS, TOTAL EFFLUENT GROSS VALUE 00400 1 0 0 00310 1 0 TYPED OR PRINTED 0 (20 DEG. C) (20 DEG. C) (20 DEG. C) PARAMETER 0 (DO) JUNEAU-DOUGLAS TREATMENT PLANT JUNEAU, ALASKA 99801 JUNEAU, CITY AND BOROUGH OF JUNEAU, ALASKA 99801 155 SOUTH SEWARD, 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 menage 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. Scott Jeffers WW Utilities Superintendent including the possibility of fine and imprisonment for knowing violation am aware that there are significant penalties for submitting false information, certify under penalty of law that this document and all attachments were MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMEN MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE PERMIT SAMPLE SAMPLE WKLY AVG MO AVG AVERAGE 152.8 ***** QUANTITY OR LOADING ***** 152.8 ***** ***** ***** 1035 **** **** **** **** 690 **** (Reference all attachments here) DAILY MAX MAXIMUM ***** ***** ***** 152.8 **** **** **** **** ***** **** ***** ***** ***** 1380 LBS/DAY FROM _BS/DAY **** **** SIIN *** (26) *** *** *** *** (26)*** *** *** DAILY MIN ***** ***** MINIMUM ***** **** ***** ***** ***** **** 2005 ***** 4.0 ***** 6.2 MIN 6.0 2.0 ¥ AK-002321-3 PERMIT NUMBER SIGNA(TURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT QUALITY OR CONCENTRATION WKLY AVG MO AVG MO AVG REPORT REPORT AVERAGE MO AVG ***** 115,0 **** ***** ***** **** **** 9.6 9.6 45 <u>10</u> ₩ 159 30 PRINCIPAL EXECUTIVE DAILY MAX DATLY MAX DAILY MAX MAXIMUM REPORT MAXIMUM 14.4 ***** ***** **** ***** 6.8 **** 9.6 17.0 8.0 MONITORING PERIOD

DAY YEA 8.5 60 DEG. C MG/L SLIND MG/L (19)MG/L MG/L d MG/L (19)(19)(19)(04) (12)(19)S 2005 2005 YEAR SODE OF Ξŏ. 0 0 0 0 0 FREQUENCY OF ANALYSIS

COMMENT AND EXPLANATION OF ANY VIOLATIONS

EPA Form 3320-1 (03-99) Previous editions may be used The reporting period was from 10/02/2005 through 10/29/2005.

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

į

TELEPHONE **586-0393**

PHONE NUMBER

MO 11

DAY DAY

HINOM ONCE/

1/30

COMP 24

MONTH

WEEK DAYS

GRAB

5/7

ONCE/

COMP 24

1/30

HTNOM

ONCE/

COMP 24

1/30

HILNOM

ONCE/

COMP 24

1/30

ONCE/

GRAB

1/7

WEEK

GRAB

10 ₹

31 DΑY

SAMPLE TYPE

DISCHARGE NUMBER

001 A

DAYS

WEEK

00434/981209 1904

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

ADDRESS: NAME:

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) 155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
JUNEAU-DOUGLAS TREATMENT PLANT JUNEAU, CITY AND BOROUGH OF AK-002321-3
PERMIT NUMBER MAJOR
(SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE
NOTE: Read instructions before completing this form. **MONITORING PERIOD** DISCHARGE NUMBER 001 A

EACTITTV.	THE THE PLANT	C TREATMENT PL	ANT				MONITORING PERIOD	RING PI	RIOD		
FACILITY:	JUNEAU ALASKA	99801			ΥR	MO	DAY		YEAR	MO	DAY
ATT:	Scott Jeffers WW Utilities Superintendent	lities Superintender	nŧ	FROM	2005	10	<u> </u>	To	2005	10	31
PARAMETER		OUANTITY OR LOADING	OADING		QUAL	QUALITY OR CONCENTRATION	ATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	STINU	MUMINIM	AVERAGE	MAXIMUM	STINU			
SOLIDS, TOTAL	SAMPLE	384,6		(26)		17.6		(19)	0		
SUSPENDED	MEASUREMENT		** ** **		****		****	ől .		5/7	
00530 W 0 0	PERMIT	1035				45				ONCE/	GRAB
SEE COMMENTS BELOW	REQUIREMENT	WKLY AVG	****	LBS/DAY	****	WKLY AVG	*****	MG/L		HINOM	
SOLIDS, TOTAL	SAMPLE	195.8	866.8	(26)		11.9	26.4	(19)	0		
SUSPENDED	MEASUREMENT				****			or •		5/7	
00530 1 0 0	PERMIT	690	1380			30	60			ONCE	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	****	MO AVG	DAILY MAX	MG/L		MONTH	
NITROGEN, AMMONIA	SAMPLE	N/A	N/A	(26)		N/A	N/A	(19)	0		
TOTAL (AS N)	MEASUREMENT				****			NI.		1/180	
00610 1 0 0	PERMIT	REPORT	DATI V MAV	BC/DAV	*****************	M5 A5	DATI Y MAY	<u>ร</u>		ANNIA	COMP 24
COLIFORM, FECAL MF	SAMPLE			1 - 1		28		(13)	0		
M-FC BROTH, 44.5 C	MEASUREMENT	****	****	* * *	****		****	1		1/7	
31616 W 0 0	PERMIT					800		#/		ONCE/	COMP 24
SEE COMMENTS BELOW	REQUIREMENT	****	*****	***	****	WKLY GEO	×	ML100		WEEK	
COLIFORM, FECAL MF	SAMPLE					00	28	(13)	0		
M-FC BROTH, 44.5 C	MEASUREMENT	****	****	* * *	****					1/7	
31616 1 0 0	PERMIT			***				#/		ONCE	COMP 24
EFFLUENT GROSS VALUE	REQUIREMENT	1 222	2000	777	33333	MO GEO	DAILY MAX	MILLION	>	VVEEN	
FLOW, IN CONDUIT, OR	SAMPLE	1,6883	3,9370	(03)	****	* * * * * *	* * * * *	* * * *	C	1/1	
THRU TREATMENT PLANT	MEASUREMENT	2.76	60		2 2 2 2 3 4	Andready desired	And the first			CONTINUOS	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	MGD	*** ****	*****	*****	* * *			
BOD, 5-DAY PERCENT	SAMPLE				91.7			(23)	0		
REMOVAL	MEASUREMENT	****	****	* * *		** ** **	** ** **			1/30	
81010 K 0 0	PERMIT	******	*****	+++	85 MIN. %	++++	*****	%		ONCE/	COMP 24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were	f law that this document	and all attachments w	ere						TELEPHONE	
Scott Jeffers Wastewater Utilities Superintendent	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.	ction or supervision in a ed personnel properly a inquiry of the person o	accordance with the sys sather and evaluate the i r persons who manage t	tem designed information the system,	b		4		AREA CODE	PHONE NUMBER	SER
	or those persons directly responsible for pathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.	responsible for eatheri	ng the information, the elief, true, accurate, an	information d complete.	7 96	7//	AL EXECUTATION		3000	DATE	
TYPED OR PRINTED	including the possibility of fine and imprisonment for knowing violations.	of fine and imprisonme	ent for knowing violation	ons.	OF	OFFICER OR AUTHORIZED AGENT	ZIZED AGENT		YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

The reporting period was from 10/02/2005 through 10/29/2005.

EPA Form 3320-1 (03-99) Previous editions may be used. (REPLACES EI

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

(Reference all attachments here)

00434/981209 1904

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

FACILITY: ADDRESS:

LOCATION:

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) PERCENT REMOVAL SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 Wastewater Utilities Superintendent NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Scott Jeffers TYPED OR PRINTED PARAMETER JUNEAU-DOUGLAS TREATMENT PLANT JUNEAU, ALASKA 99801 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. JUNEAU, ALASKA 99801 JUNEAU, CITY AND BOROUGH OF Scott Jeffers WW Utilities Superintendent 155 SOUTH SEWARD, I certify under penalty of law that this document and all attachments were MEASUREMENT REQUIREMENT SAMPLE AVERAGE QUANTITY OR LOADING ***** ***** MAXIMUM **** ***** FROM *** *** STIND 85 MIN. % REMOVAL MINIMUM 92.5 2005 AK-002321-3 PERMIT NUMBER QUALITY OR CONCENTRATION SIGNATURE/OF PRINCIPAL EXECUTIVE OFF-REER OR AUTHORIZED AGENT AVERAGE **** **** 10 MO MAJOR (SUB 01) F - FINAL NOTE: Read instructions before completing this form. *** NO DISCHARGE DAILY MAX PERCENT REPORT MAXIMUM ***** DAY MONITORING PERIOD SIIND (23)J 8 Form Approved.

OMB No. 2040-0004 2005 YEAR AREA CODE Ξō. 0 FREQUENCY OF ANALYSIS TELEPHONE **586-0393** MONTH ONCE/ 1/30 PHONE NUMBER 10 중 DISCHARGE NUMBER 001 A SAMPLE TYPE GRAB ည DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

EPA Form 3320-1 (03-99) Previous editions may be used. The reporting period was from 10/02/2005 through 10/29/2005.

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

(Reference all attachments here)

00434/981209 1904

PAGE 3 OF 3

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOR (SUB 01) F - FINAL

Form Approved.

OMB No. 2040-0004

EFFLUENT
*** NO DISCHARGE NOTE: Read instructions before completing this form.

M-FC BROTH, 44.5 C COLIFORM, FECAL MF EFFLUENT GROSS VALUE PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) 31616 1 0 0 ADDRESS: Scott Jeffers Wastewater Utilities Superintendent FACILITY: NAME/TITLE PRINCIPAL EXECUTIVE OFFICER LOCATION: TYPED OR PRINTED PARAMETER JUNEAU-DOUGLAS TREATMENT PLANT JUNEAU, ALASKA 99801 JUNEAU, ALASKA 99801 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for eathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Scott Jeffers WW Utilities Superintendent JUNEAU, CITY AND BOROUGH OF prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information 155 SOUTH SEWARD, including the possibility of fine and imprisonment for knowing violations I certify under penalty of law that this document and all attachments were am aware that there are significant penalties for submitting false information, REQUIREMENT MEASUREMENT REQUIREMENT MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE PERMIT SAMPLE SAMPLE PERMIT SAMPLE PERMIT SAMPLE PERMIT AVERAGE ***** QUANTITY OR LOADING **** ***** ***** **** ***** **** **** ***** ***** **** ***** ***** **** ***** MAXIMUM ***** ***** ***** **** ***** ***** ***** **** ***** ***** **** ***** ***** LBS/DAY FROM *** *** *** *** *** (26) SLIND *** *** *** *** **** *** *** **** MINIMUM ***** ***** ***** ***** ***** 2005 ***** **** ***** **** ***** **** ***** ***** AK-002321-3
PERMIT NUMBER QUALITY OR CONCENTRATION SIGNATURE OFFICE OR ***** **** AVERAGE ***** ***** **** ***** ***** ***** **** ***** **** ***** ***** ***** **8** NCIPAL EXECUTIVE DAILY MAX REPORT **** **** MAXIMUM ***** **** ***** ***** ***** 15.0 ***** ***** **** ***** ***** DAY MONITORING PERIOD ML100 #/ SLINO *** *** (13)*** *** *** *** *** *** *** *** *** 70 *** 2005 YEAR **2005** 907 AREA ΞŞ. 0 FREQUENCY OF ANALYSIS NOV- APR ONCE/MO MAY-OCT 586-0393 2 TIMES AND 1/1801/3010 중 PHONE NUMBER DISCHARGE NUMBER **GRAB** SAMPLE 3 DAY

(Reference all attachments here)

00,434/981209 1904

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

EPA REPORT MON MON SUN MON SUN HE SUN DΑΥ SAT 뀚뒫찞 SAT THE THE MON SSIZIZ WED 꿆 DATE 21213 49 40 4 3 37 37 41 45 47 47 6 39 42 34 6 38 37 5 2 INCHES 0.22 0.07 0.01 0.00 0.00 0.01 0.01 0.51 1.19 0.00 0.00 0.43 0.63 1.23 0.37 0.06 0.60 0.00 0.15 0.47 1.10 1.02 9.09 0.22 0.00 0.78 1.23 HIGH HIGH 15.4 17.9 14.4 17.0 18.3 19.3 19.8 19.8 19.2 16.8 15.6 13.9 14.4 16.4 12.5 15.6 MGD JO 3.9370 1.1010 2.5710 1.7100 1.4020 1.2200 1.9150 1.4570 1.2610 1.3370 2.5930 2.6240 2.3470 1.5630 1.9850 1.4890 1.2640 1.2280 3.9370 1.1440 1.3620 1.6980 1.5910 1.6220 mg/L 188 185 148 142 117 110 186 178 390 170 82 98 95 96 189 159 390 INELUENI LBS Juneau, Alaska 2955 2284 2037 1515 2676 4991 1849 1556 1583 39492 4991 931 2814 931 1623 4843 1398 2194 1583 1460 1775 1618 B.O.D. mg/L 115 115 115 115 8.O.D. LBS 1837 1837 1837 1837 1837 °C TEMP 14.0 13.7 13.6 14.2 12.8 13.8 12.2 12.8 14.0 11.8 13.0 12.1 12.1 12.2 12.6 12.3 13.5 14.4 12.0 멸 6.7 6.8 6.5 6.5 6.3 6.4 6.4 6.5 6.5 6.6 6.5 6.5 6.5 6.4 6.8 6.5 6.2 000 mg/L 4.7 5.1 5.2 5.2 4. 4.0 5.9 5.1 5.0 6.8 6.2 5.9 5.6 5.4 5.6 4.0 5.2 6.8 mg/L SS 12.4 26.4 17.2 18.4 17.0 20.4 18.8 11.4 10.8 5.6 8.0 11.9 26.4 2.8 12.8 7.6 4.0 2.8 6.8 s.s. SB1 132 76 722 300 248 3915 867 245 395 286 130 114 101 38 25 142 179 64 104 25 196 277 EFFLUENT October 2005 B.O.D. mg/L 9.57 6 6 6 B.O.D. LBS 153 153 153 153 153 FECAL Coliform /100 ml 28.0 14.0 28 8 2 Ammonia as N mg/l 1/180 days N N N Ammonia as N lbs/day 1/180 days N N N

B.O.D. S.S.

93 92

NH3 NH3 Copper

N/A N/A N/A

WEEK2

WEEK3

9 8

WEEK4

385 112

6

153

mg/L lbs

ug/L

Weekly ISS:BOIL Aver: WEEK1

mg/l

bs

mg/l

lbs

10

153

4 28

4

175 385

% REMOVAL