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

MAJOR (SUB 01) F - FINAL

AK-002321-3

10

2006

Form Approved.

OMB No. 2040-0004

2006

001 A

31

10

**EFFLUENT** 

\*\*\* NO DISCHARGE

NOTE: Read instructions before completing this form.

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

**FACILITY:** LOCATION:

ATT:

NAME: JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD, ADDRESS: JUNEAU, ALASKA 99801

JUNEAU-DOUGLAS TREATMENT PLANT

JUNEAU, ALASKA 99801

Scott Jeffers WW Utilitles Superintendent

PERMIT	NUMBER	]			DISCHARG	E NUMBER
		MONIT	ORING P	ERIOD	•	
YR	MO	DAY		YEAR	МО	DAY

PARAMETER		QUANTITY O	R LOADING		QUA	LITY OR CONCEN	TRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	]		
TEMPERATURE, WATER	SAMPLE						15.6	(04)	0		
DEG, CENTIGRADE	MÉASUREMENT	*****	*****	****	*****	*****				5/7	
00010 4 0 0	PERMIT						REPORT			WEEK	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	*****	*****	DAILY MAX	DEG. C		DAYS	
OXYGEN, DISSOLVED	SAMPLE				2.1		4.5	(19)	0		
(DO)	MEASÜREMENT	*****	*****	****	]	*****				1/7	
00300 1 0 0	PERMIT				2.0		17.0			ONCE/	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	DAILY MIN.	*****	DAILY MAX	MG/L		WEEK	
BOD, 5-DAY	SAMPLE					177.0		(19)	0		
(20 DEG. C)	MEASUREMENT	*****	*****	****	*****		*****	` '		1/30	
00310 G 0 0	PERMIT -					REPORT				ONCE/	COMP 24
RAW SEW/INFLUENT	REQUIREMENT	*****	*****	****	*****	MO AVG	*****	MG/L		MONTH	
BOD, 5-DAY	SAMPLE	20.7		(26)		2.2		(19)	0		
(20 DEG. C)	MEASUREMENT		*****		*****		*****	, ,		1/30	
00310 W 0 0	PERMIT	1035		i i		45				ONCE/	COMP 24
SEE COMMENTS BELOW	REQUIREMENT	WKLY AVG	*****	LBS/DAY	*****	WKLY AVG	*****	MG/L		MONTH	
BOD, 5-DAY	SAMPLE	20.7	20.7	(26)		2.2	2.2	(19)	0		
(20 DEG. C)	MEASUREMENT				*****					1/30	
00310 1 0 0	PERMIT	690	1380			30	60			ONCE/	COMP 24
EFFLUENT GROSS VALUE	REQUIREMENT	MO AVG	DAILY MAX	LBS/DAY	*****	MO AVG	DAILY MAX	MG/L		MONTH	
pH	SAMPLE				6.3		6.6	(12)	0		
	MEASUREMENT	*****	*****	****		*****				5/7	
00400 1 0 0	PERMIT				6.0		8,5			WEEK	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****	****	MIN.	*****	MAXIMUM	sυ		DAYS	
SOLIDS, TOTAL	SAMPLE					156		(19)	0		
SUSPENDED	MEASUREMENT	*****	*****	****	*****	•	*****	, ,		1/30	
00530 G 0 0	PERMIT					REPORT				ONCE/	COMP 24
RAW SEW/INFLUENT	REQUIREMENT	*****	*****	****	*****	MO AVG	*****	MG/L		MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of	law that this documen	t and all attachments w	vere		Λ				TELEPHONE	
Scott Jeffers	prepared under my direct to assure that the qualifie	d personnel properly g	ather and evaluate the	information	D			-	907 AREA	586-0393	
Wastewater Utilities Superintendent	submitted. Based on my is or those persons directly i	responsible for gatheri	ng the information, the	information	<del>/</del>	WATTE		-	CODE	PHONE NUME DATE	BER
	submitted is, to the best o	f my knowledge and b	elief, true, accurate, an	d complete.		/4/11°			2225		
TYPED OR PRINTED	I am aware that there are s including the possibility of	agniticant penaities to of fine and imprisonme	r suomitting talse infor ent for knowing violatio	mation, ons.		TURE/OF PRINCIP TOER OR AUTHOR		-	2006 YEAR	11 MO	DAY
COMMENT AND EXPLANATION OF ANY	VIOLATIONS		(Reference all atta	chments here)							

FROM

The reporting period was from 10/01/2006 through 10/28/2006.

## ATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) ISCHARGE MONITORING REPORT (DMR)

PARAMETER

SOLIDS, TOTAL

00530 W 0 0

SOLIDS, TOTAL

00530 1 0 0

TOTAL (AS N)

00610 1 0 0

SUSPENDED

SEE COMMENTS BELOW

EFFLUENT GROSS VALUE

EFFLUENT GROSS VALUE

SEE COMMENTS BELOW

EFFLUENT GROSS VALUE

THRU TREATMENT PLANT

EFFLUENT GROSS VALUE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

FLOW, IN CONDUIT, OR

BOD, 5-DAY PERCENT

PERCENT REMOVAL

COLIFORM, FECAL MF

M-FC BROTH, 44.5 C

COLIFORM, FECAL MF

M-FC BROTH, 44.5 C

31616 W 0 0

31616 1 0 0

50050 1 0 0

81010 K 0 0

REMOVAL

NITROGEN, AMMONIA

SUSPENDED

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

JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD, NAME: ADDRESS:

JUNEAU, ALASKA 99801

JUNEAU-DOUGLAS TREATMENT PLANT

JUNEAU, ALASKA 99801

FACILITY: Scott Jeffers WW Utilities Superintendent -LOCATION: QUANTITY OR LOADING ATT:

MAJOR (SUB 01) F - FINAL Form Approved. OMB No. 2040-0004

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

DMR)					**	* NO DISCHAR	GE L	hefore com	oleting this form	n
					NO	OTE: Read inst	CLACTIONS	, perore	001	A
	:fforont)			AK-0023	221-3			F	DISCHARGE	NUMBER
name/Location if d	Melency		<b> </b>	PERMIT N	UMBER			L		
EAU, CITY AND BO	OROUGH OF		L	PERMIT	0, 1,2	MONITO	DING PE	RIOD	T	DAY
SOUTH SEWARD,							KINGIL	YEAR	MO	31
EAU, ALASKA 998	TREATMENT PLA	NT	-	YR	MO	DAY	то	2006	10	
IEAU-DOUGLAS	0801		FROM	2006	10	1	10 [	NO.	FREQUENCY	SAMPLE
EAU, ALASKA 9	ties Superintendent	• • • • • • • • • • • • • • • • • • • •	FROM _	OUAL	TY OR CONCENTRA	ATION		EX	OF ANALYSIS	TYPE
tt Jeffers WW Dun	QUANTITY OR LO	ADING		QUALI					,	
	QUANTETT DITE			NATINITIAL IM	AVERAGE	MUMIXAM	UNITS			
><  -	AVERAGE	MAXIMUM	UNITS	MINIMUM	26.3		(19)	0	5/7	
			(26)		20.0	*****			ONCE/	GRAB
SAMPLE	651.6	*****	1	*****	45					
MEASUREMENT						****	MG/L		MONTH	
PERMIT	1035	*****	LBS/DAY	*****	WKLY AVG		(19)	2	\	
REQUIREMENT	WKLY AVG				11.9	106.0	(25)		5/7	
SAMPLE	243.0	2918.2	(26)	*****			8		ONCE/	GRAB
					30	60			MONTH	
MEASUREMENT	690	1380		*****	MO AVG	DAILY MAX				
PERMIT	MO AVG	DAILY MAX	LBS/DAY		N/A	N/A	(19)	0	1/180	
REQUIREMENT	200000000000000000000000000000000000000	N/A	(26)		14/14	_	1			COMP 24
SAMPLE	N/A	14/	· .	*****		REPORT	<b>3</b>		SEMI-	
MEASUREMENT	,	REPORT			REPORT	DAILY MAX	MG/L		ANNUAL	
PERMIT	REPORT		LBS/DAY	*****	MO AVG	DATE	(13)	0		
REQUIREMENT	MO AVG	DAILY MAX	LDS/DAT		24		(13)		1/7	
			1,	*****		*****			ONCE/	COMP 24
SAMPLE	*****	*****	****		800		#/		WEEK	
MEASUREMENT					WKLY GEC	*****	ML10			
PERMIT	*****	*****	****	*****	11	24	(13)	,   0	4 /7	
REQUIREMENT	****		**				1		1/7	COMP 24
SAMPLE		*****	****	*****		1200	₩ #/		ONCE/	COM 21
MEASUREMENT	*****	*****			400		833331	in l	WEEK	
PERMIT			****	*****	MO GEO	DAILY MA	I TILLY	0		
	*****	*****	××				k ***	1	7/7	
REQUIREMENT	1.7166	3.3010	(03)	*****	*****	*****	K   ትተማ		CONTINU	OS GRAB
SAMPLE	i									
MEASUREMENT	2.76	6.0		111111111	* *****	****	* ***	300000000000000000000000000000000000000		
PERMIT		DAILY MAX	MGD				(2	3) 0	4/20	
REQUIREMENT	MO AVG	DUTT	27200	98.7		****	*	\	1/30	COMP 24
SAMPLE		*****	****	:	****		9/	ń l	ONCE	
MEASUREMENT	*****	<u> </u>		85 MIN.	%	المراجعين المراجعين	::::::::::::::::::::::::::::::::::::::	#2000000000000000000000000000000000000	MONT	
PERMIT			****		AL *****	* ****	PER		TELEPHO	NE NE
- Vesselvessessessessesses	NT *****	*****	8:8831	NEW CO.	^	$\Lambda \Lambda$		<b>907</b> ARE	586-03	1
REQUIREME	to of low that this docu	ment and all attachmen	nts were e system designe	ed	$\Omega$ ()	11/20-	_	CODE	-   PI <u>IOI</u>	E NUMBER
I certify under pena	Ity of law that this docu direction or supervision palified personnel prope to my inquiry of the pers	in accordance with the	the information	1	Acitata	111 EVI			DATE	
to assure that the de	my inquiry of the pers	on or persons who man	the informatio	m   )2_	J 17	// /		2nn	6 11 MO	DAY
submitted. Based o	reatly responsible for ga	thering the information	e and complete		SIGNATURE OF PR	NCTAL EXECUT.	IVÉ	200 YEA	Ř MO	UAI
submitted is, to the	rectly responsible for ga best of my knowledge to re are significant penaltically the state of the significant penaltically of fine and impris-	ies for submitting false	information,		OFFICER OR AU	THORIZED AGEN				
I am aware that the	re are significant penaltibility of fine and impris	sonment for knowing v (Reference al	olations.							
lincluding the possi	ULLET OF THE	R oforence al	l attacnmienis	11010/						PAGE 2 OF 3

Wastewater Utilities Superintendent TYPED OR PRINTED

including the possibility of fine and imprisonment for knowing violations. (Reference all attachments here)

COMMENT AND EXPLANATION OF ANY VIOLATIONS The reporting period was from 10/01/2006 through 10/28/2006.

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

MAJOR (SUB 01) F - FINAL **EFFLUENT** 

DAY

Form Approved.

OMB No. 2040-0004

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

YEAR

MONITORING PERIOD

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

JUNEAU, CITY AND BOROUGH OF NAME: 155 SOUTH SEWARD, ADDRESS: JUNEAU, ALASKA 99801 JUNEAU-DOUGLAS TREATMENT PLANT FACILITY:

AK-002321-3 PERMIT NUMBER

YR

MO

001 A DISCHARGE NUMBER

МО

DAY

LOCATION:	JUNEAU, ALASKA 9	9801		FROM	2006	10	1	то	2006	10	31
ATT:	Scott Jeffers WW Util			J I KON		ITY OR CONCEN	TRATION	·	NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PARAMETER		QUANTITY OR	LOADING						EX	OF ANALYSIS	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	0		· · · · · · · · · · · · · · · · · · ·
SOLIDS, SUSPENDED	SAMPLE				92.4	*****	*****	(23)	U	1/30	
PERCENTREMOVAL	MEASUREMENT	*****	****	****	OF MATERIAL OF		REPORT	%		ONCE/	GRAB
81011 K 0 0	PERMIT		Contraderior.	****	85 MIN. % REMOVAL	*****	DAILY MAX	1		MONTH	
PERCENT REMOVAL	REQUIREMENT	*****	*****	<u> </u>	KEMOVAL		PAILESSISIAA				
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			-td all attachments	Were			Λ <i>Λ</i>	81		TELEPHONE	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	R I certify under penalty of prepared under my direct				1 0	ارط یا ب	1/100-		907 AREA	586-0393	
Scott Jeffers Wastewater Utilities Superintend	to assure that the qualifi-	ed personnel properly	gather and evaluate the	e information e the system.	A		HOW		CODE	PHONE NU	MBER
Wastewater Utilities Superintellu	or those persons directly	responsible for gathe	ring the information, u helief true, accurate, a	and complete.			A PARALLET IS		2006	11	7
		aignificant nanalties t	for gubmiffing taise int	OTTHRUDIL	SIGN	IATURE OF PRINC FFICER OR AUTH	PAL EXECUTIVE ORIZED AGENT		2006 YEAR	MO	DAY
TYPED OR PRINTED	including the possibility	of tine and imprisonr	nent for knowing viola Reference all at	tachments he							
COMMENT AND EXPLANATION O	F ANY VIOLATIONS				•						

### 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.

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

JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD,

AK-002321-3 PERMIT NUMBER

REC-1 DISCHARGE NUMBER

FACILITY: LOCATION:

NAME:

ADDRESS:

JUNEAU, ALASKA 99801 JUNEAU-DOUGLAS TREATMENT PLANT JUNEAU, ALASKA 99801

FROM Scott Jeffers WW Utilities Superintendent

MONITORING PERIOD DAY MO YEAR DAY YR МО 31 2006 10 TO 10 2006

ATT:	Scott Jeffers WW Uti	<u>lities Superintende</u>	nt		2000		<del>_</del>	,		- EDECLIENCY	SAMPLE
PARAMETER		QUANTITY OR	QUAL	ITY OR CONCENT			NO. EX	FREQUENCY OF ANALYSIS	TYPE		
		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL MF M-FC BROTH, 44.5 C	SAMPLE MEASUREMENT	*****	*****	(26)	*****	8.0	8.0	(13)	0	1/30	
31616 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	LBS/DAY	*****	400 MO GEO	1200 DAILY MAX	#/ ML100		ONCE/MO MAY-OCT	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****		1/180	
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****		2 TIMES NOV- APR	
	SAMPLE MEASUREMEN <del>T</del>	*****	*****	****	*****	*****	*****	****		,	
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			,
	PERMIT REQUIREMENT	*****	****	****	*****	*****	*****	****		TELEPHONE	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Scott Jeffers Wastewater Utilities Superintendent	I certify under penalty of prepared under my direct to assure that the qualifie submitted. Based on my or those persons directly submitted is, to the best I am aware that there are	tion or supervision in a depersonnel properly a inquiry of the person o responsible for gather of my knowledge and h	accordance with the sy gather and evaluate the or persons who manage ing the information, the pelief true, accurate, a	ystem designed information the system, ne information and complete.	SIGN	ATURE OF PHACE	PAL EXECUTIVE		907 AREA CODE 2006	586-0393  PHONE NUM DATE  11	IBER 7
• TYPED OR PRINTED	including the possibility	of fine and imprisonm	ent for knowing violat	tions.	OF	FICER-OR AUTHO	RIZED AGENT		YEAR	MO	DAI
	WALKON ATTONIC		(Roforonce all at	tachments her	e)						

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

# JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

EPA REPORT

WEATHER October 2006 Juneau, Alaska EFFLUENTS: 3.03

		/V	/EATHE	$R^{-}$						4.436.446.466				S.S.	B.O.D.	B.O.D.	FECAL	Ammonia	Ammonia
			RAIN	HIGH	J-D	S.S.	S,S,	B.O.D.	B.O.D.	-re-sun	Hq	D,O.	S.S.	3.3	р.О.Р.	5.0.0.	Coliform		as N lbs/day
DAY	DATE	TEMP	FALL	TIDE	TTL EFFL			- 6	LBS	TEMP °C	рп	mg/L	mg/L	LBS	mg/L	LBS			1/180 days
		op.	INCHES	FEET	MGD	mg/L	LBS	mg/L	EDD		*************	300101 <b>9</b> /2400	6.2	71					
SUN	1	43	0.06	13.4	1,3660	128	1458		4050	45.4	6.5	4.3	4.4	41	2.2	21			
MON	2	45	0.00	14.3	1.1190	180	1680	177	1652	15.4		4.5	5.0	93	4.2		2.0		
TUE	3	45	0.18	15.7	2.2190	200	3701			14.9	6.3		106.0	2918					
WED	4	46	1.49	17.1	3.3010	131	3606			14.0	6.4	4.4	100.0	136					
THU	5	45	0.12	18.0	1.6270	130	1764			14.2	6.6	4.3	10.0	130					
FRI	6	46	0.18	19.4	1.2020					14.6	6.5	4.4_		<del></del>					
SAT	7	44	0.01	20.2	1.2130											<del></del>			
SUN	8	44	0.01	20.5	1,4410	209	2506						4.4	53					
MON	9	48	0.64	20.0	1.9860	134	2219			14.0	6.4	3.7	9.2	152					
TUE	10	54	0.00	18.9	1.4480	193	2331			13.6	6.4	3.8	6.0	72			040		
WED	11	50	0.29	17.4	1.2530	158	1651			14.2	6.3	3.4	6.4	67			24.0		<b></b>
THU	12	41	0.00	15.7	1.0050	210	1760			15.0	6.5	3.3	5.2	44					
FRI	13		0.55	14.1	1.8590					14.6	6.3	3.7							
SAT	14		0.85	13.1	1.9690												· · · · · ·		<del></del>
SUN	15		0.00	13.0	1.2360	155	1598						5.2	54					
MON	16		0.00	13.6	0.9820	242	1982			15.1	6.4	3.3	4.0	33					
TUE	17		0.62	14.5	1,7340	216	3124			15.6	6,4	3.1	6.8	98					
WED	18		0.25	15.4	1.9850	164	2715			12.8	6.3	3.1	8.4	139				<u> </u>	<del></del>
THU	19		0.34	16.3	1,4230	146	1733			14.6	6,3	3.1	14.8	176			22.0		ļ
FRI	20		0.34	16.9	1,7510					14.8	6.3	3.1						·	<del> </del>
SAT	21		0.52	17.4	2.1760									*				ļ	<del> </del>
SUN	22		0.79	17.6	2,7420	104	2378						6.8	156					
MON	23		0.78	17.7	2.5510	86	1830			12.7	6.5	2.3	9.2	196					
	24		0.20	17.4	2,1100	128	2252			12.0	6.5	2.2	5.4	95					<u> </u>
TUE	25		0.77	17.0	2,4240	106	2143			11.7	6.5	3.2	8.8	178			14.0		
WED	26		0.77	16.4	1,6930	104	1468			13.2	6.4	2.3	6.4	90					<del> </del>
THU			0.09	15.6	1,3000	107				13.0	6.3	2.1							
FRI	27		<del> </del>	14.7	0.9500											_			
SAT	28	33	0.00	14./	48.0650														
ТО	NAME OF THE PROPERTY OF THE PARTY.		9.39			242	3701	177	1652	15.6	6.6	4.5	106.0	2918	2.2	21	24	N/A	N/A
1 Accompany of the Control of the Co	IMUM	54	1.49	20.5	3.3010	86	1458	177	1652	11.7	6.3	2.1	4.0	33	2.2	21	2	N/A_	N/A
MIN		33	0.00	13.0	0.9500		2195	177	1652	14.0	6.4	3.4	11.9	243	2.2	<b>2</b> 1	11	N/A	N/A
AVE	RAGE	44	0.335	16.5	1,7166	156	2195	1//	1002	17.0	0.7								

10/10/06 No Effluent Sample. Sampler not turned on.

% REM	OVAL
B.O.D.	99
S.S.	92

Copper	N/A	ug/L
NНЗ	N/A	mg/L
инз	N/A	lbs

经累集	# A.K		<b>200</b>	-57
16	F-56-3	1919		$r_{i,j} = 1$

Weekly		rss .	l s B	oD.	Weekly Coliform
Aver	mg/l	lbs	mg/l	lbs	Geo: Mean
WEEK1	26	652	2	21	2
WEEK2	6	78			24
WEEK3	8	100			22
WEEK4	7	143			14
MAX	26	652	2	21	24