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

MAJOR Form Approved.
(SUB 01) OMB No. 2040-0004
F - FINAI
EFFLUENT
*** NO DISCHARGE
NOTE: Read instructions before completing this form.

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

NAME: JUNEAU, CITY AND BOROUGH OF	
ADDRESS:	
155 SOUTH SEWARD,	
JUNEAU, ALASKA 99801	
FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT	
LOCATION: JUNEAU, ALASKA 99801	
ATT: Scott Jeffers WW Utilities Superintendent	

	02321-3 T NUMBER	}			DISCHARG	1 A SE NUMBER
			MONITORING PERIO	D		
YR	MO	DAY		YEAR	MO	DAY
2004	10	1	7 то [2004	10	31

PARAMETER		Q	UANTITY OR LOAD	ING	QUA	LITY OR CONCENT	RATION	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG, CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	*****	*****	****	14.6	(04)	0	5/7	
00010 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	****	****	REPORT DAILY MAX	DEG. C		WEEK DAYS	GRAB
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	****	*****	*****	3.5	*****	5.0	(19)	0	1/7	
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****	*****	2.0 DAILÝ MIN.	*****	17.0 DAILY MAX	MG/L		ONCE/ WEEK	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	*****	****	*****	*****	138.0	*****	(19)	0	1/7	
00310 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	*****	****	REPORT MO AVC	*****	MG/L		ONCE/ MONTH	COMP 24
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	88.1	*****	(26)	*****	6.3	*****	(19)	0	1/30	
00310 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	1035 WKLY AVG	*****	LBS/DAY	*****	45 WKLY AVG	****	MG/L		ONCE/ MONTH	COMP 24
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	88.1	88.1	(26)	*****	6.3	6.3	(19)	0	1/30	
00310 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	600 MO AVG	1380 DAILY MAX	LBS/DAY	*****	30 MO AVG	60 DAILY MAX	MG/L		ONCE/ MONTH	COMP 24
рН	SAMPLE MEASUREMENT	*****	*****	*****	6.3	****	7.3	(12)	0	5/7	
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****	*****	*****	6.0 MIN.	*****	8.5 MAXIMUM	su		WEEK DAYS	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	215	*****	(19)	0	6/7	
00530 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	*****	****	REPORT MO AVG	*****	MG/L		ONCE/ MONTH	COMP 24
I CERTIFY UNDER PENALTY OF LAW THAT I HE FOR OBTAINING THE INFORMATION. I BELL! INCLUDING THE POSSIBILITY OF FINE AND IN	IVE PERSONALLY EXAMI EVE THE QUAMITTED H IPRISONMENT, SEE 18 U	NED AND AM FAMILIAR NFORMATION 19 TRUE, I.S.C. 1001 AND 33 U.S.C.	WITH THE INFORMATIO ACCURATE AND COMP 2. & 1319)	N SUBMITTED HEREIN: LETE. I AM AWARE TI	AND BASED ON MY INC AT THERE ARE CIONIF (Penalties under these s	QUIRY OF THOSE INDIVIDANT PENALTIES FOI statutes may include fine	IDUALS IMMEDIATELY F R CUDMITTING FALCE I S UD to \$10,000 and or m	ESPONSIBLE NFORMATION, eximum imprisonment of	between 6 months and	15 years.	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		1	\d ///			TELEPHONE				DATE	
Scott Jeffers	Colon Colon	* pers			(907)	586-	0393	2004	11	4	
Wastewater Utilities Superintend	· · ·	/ //	PRINCIPAL EXECUTIV	/E	AREA	DUGUE W.		VEAD		241/	
TYPED OR PRINTED \$\infty\$ FFICER OR AUTHORIZED AGENT COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)						CODE	PHONE NUM	BEK	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY The reporting period was from 10/03/20		04	(REFERENCE ALL	. ATTACHMENTS H	ene)						
EDA Form 2220 4 (02 00). Bendeus adilions m			/DEDLACES EDA EGE		AT BELLOCES		00434/081200 1004				PAGE 1 OF 3

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

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

FROM

00434/981209 1904

PAGE 1 OF 3

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

Form Approved. MAJOR (SUB 01) OMB No. 2040-0004 F - FINAL EFFLUENT *** NO DISCHARGE ina this form

NOTE: Read instructions befo

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) 001 A DISCHARGE NUMBER AK-002321-3 PERMIT NUMBER NAME: ADDRESS: JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD, JUNEAU, ALASKA 99801
JUNEAU-DOUGLAS TREATMENT PLANT YEAR 2004 MO 10 YR 2004 DAY FACILITY: LOCATION: TO FROM JUNEAU, ALASKA 99801 Scott Jeffers WW Litilities Superintendent ATT: NO. FREQUENCY QUALITY OR CONCENTRATION PARAMETER QUANTITY OR LOADING

PARAMETER		u u	ANTIN ON LOAD	5					EX OF AN		
		AVERAGE	MAXIMUM	UNITO	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	94	*****	****	(23)	0	1/30	
81011 K 0 0	PERMIT REQUIREMENT	****	*****	*****	85 MN % RMV	****	****	PERCENT		ONCE/ MONTH	CALCTD
PERCENT REMOVAL COPPER	SAMPLE	*****	*****	*****	*****	N/A	N/A	(28)	0	1/90	COMP 24
TOTAL RECOVERABLE 31119 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	****	*****	*****	****	REPORT MO AVG	REPORT DAILY MAX	ug/L		ONCE/ QUARTER	
TOXICITY, M.galloprovincialis	SAMPLE MEASUREMENT	****	*****	****	*****	****	N/A	ug/L (73)	0	1/90	
TKG3P 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	Start 1/02	2/2004 through 4/3	B0/2005			REPORT MAXIMUM	TUc		ONGE/ QUARTER	COMP 24
TOXICITY, D.excentricus	SAMPLE MEASUREMENT			*****	*****	****	N/A	(73)	0	1/90	
TKF3N 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	Start 1/02	2/2004 through 4/3	80/2005			REPORT MAXIMUM	TUc		ONCE/ QUARTER	COMP 24
EFFECENT GROOD VALUE	SAMPI F MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
•	PERMIT REQUIREMENT										~
	SAMPLE MEASUREMENT]			
	PERMIT REQUIREMENT		MARKET IN THE INFORMATION				COUNT O IN MEDIATELY	DECDONOIDI E			

I CERTIFY UNDER FENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCUPATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENAL TIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33.U.S.C. & 13187 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprison NAME/ITTLE PRINCIPAL EXECUTIVE OFFICER

DATE SIGNATURE BY PRINCIPAL EXECUTIVE OFFICER ORIAUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE) 2004 (907 Scott Jeffers Wastewater Utilities Superintendent

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS
The reporting period was from 10/03/2004 through 10/30/2004 AREA PHONE NUMBER YEAR МО DAY CODE

(REPLACED EPX FORM T.40 WHICH MAY NOT BE USED).

PAGE 3 OF 3

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

JUNEAU, CITY AND BOROUGH OF

JUNEAU, ALASKA 99801
JUNEAU-DOUGLAS TREATMENT PLANT

155 SOUTH SEWARD,

JUNEAU, ALASKA 09801

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

NAME:

ADDRESS:

FACILITY:

LOCATION:

MAJOR (SUB 01) F - FINAL

DAY

Form Approved. OMB No. 2040-0004

MO

10

UPSTREAM RECEIVING WATER

MONITORING PERIOD

TO

*** NO DISCHARGE

YEAR

2004

REC1

DISCHARGE NUMBER

DAY

ATT: Scott Jeffers WW Utilities Superintendent QUALITY OR CONCENTRATION FREQUENCY SAMPLE NO. QUANTITY OR LOADING PARAMETER EX OF ANALYSIS TYPE UNITS MINIMUM AVERAGE MAXIMUM AVERAGE MAXIMUM UNITS 0 (13) COLIFORM, FECAL MF SAMPLE 1/30 ONCE/MONTH M-FC BROTH, 44.5C 31616 1 0 0 MEASUREMENT GRAB REPORT REPORT MAY-SEPT ***** ***** ***** MO AVG DAILY MAX #/100ML EFFLUENT GROSS VALUE REQUIREMENT 2 TIMES GRAB OCT-APRIL

2004

AK-002321-3

PERMIT NUMBER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INPURIGATION SUBMITTED HEREIN. AND BACED ON MY INQUINTY OF THOSE INDIVIDUALS IMMEDIATELY INSEPONSIBLE FOR OBTAINING THE INFORMATION. I SELECT THE SUBMITTED INFORMATION IS TRUE. ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTHSE FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FIRE. AND DARROW INCLUDING THE PROVINCE AND STRUCTURE OFFICER.

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I CERTIFY UNDER PENALTY OF FIRE PERSONALLY EXAMINED AND APPRILAR PRINCIPLE AND DARROW INCLUDING THE PENALTHER FOR SUBMITTING FOR SUBMITTED HEREIN. AND DARROW INCLUDING THE PENALTHER FOR SUBMITTING FOR SUBMITTED HEREIN.

INCLUDING THE POSSIBLE THE STRUCTURE OFFICER.

I CERTIFY UNDER PENALTY OF FIRE THE SUBMITTED HEREIN AND DARROW INCLUDE THE STRUCTURE OFFICER.

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I CERTIFY UNDER PENALTY OF FIRE THE SUBMITTED HEREIN AND DARROW INCLUDE THE SUBMITTED HEREIN AND DARROW IN ent of between 6 months and 5 years.

FROM

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (907)Scott Jeffers Wastewater Utilities Superintendent SIGNATURE OF PRINCIPAL EXECUTIVE AREA CODE TYPED OR PRINTED

OFFICER OR AUTHORIZED AGENT (REFERENCE ALL ATTACHMENTS HERE)

The reporting period was from 10/03/2004 through 10/30/2004 EPA Form 3320-1 (03-99) Previous editions ma Previous editions may be used.

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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

00434/981209 1904

586-0393

PHONE NUMBER

PAGE 10F 1

DAY

DATE

11

MO

2004

YEAR

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY
Juneau, Alaska OCTOBER 2004

EPA R	EPORT	•					Junea	au, Alas	ka					C	CLORE	-R 200	4
		V	EATHER	₹		IN	IFLUEN'	Γ						FLUENT			
DAY	DATE	TEMP °F	RAIN FALL INCHES	HIGH TIDE FEET	J-D TTL EFFL MGD	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	TEMP °C	pH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FECAL Coliform /100 ml
SUN	3	50	0.01	15.6	1.0750	356	3192						14.4	129			L
MON	4	51	0.79	14.4	1.9300	120	1932			14.0	6.5	4.2	13.8	222			
TUE	5	49	0.25	13.2	1.7220	220	3160			14.4	6.3	4.8	23.0	330			
WED	6	45	0.31	12.3	1.8750	180	2815			14.5	6.6	4.4	10.6	166			4.0
THU	7	49	0.19	12.2	1.6770	132	1846	138	1930	14.6	6.6	4.6	10.0	140	6	88	
FRI	8	45	0.44	12.9	1.7030												
SAT	9	47	0.12	14.0	1.4050												
SUN	10	48	0.15	15.1	1.2490	256	2667						11.2	117			
MON	11	41	0.00	16.0	1.1390	166	1577			14.3	6.5	5.1	7.6	72			
TUE	12	44	0.73	17.2	2.3290	304	5905			14.1	6.5	5.2	18.0	350			
WED	13	51	0.00	18.2	1.2810	182	1944			13.6	6.5	5.1	10.8	115			18.0
THU	14	46	0.04	19.0	1.3960	168	1956			14.1	6.3	5.1	7.0	81			
FRI	15	41	0.24	19.3	1.3440					13.9	6.4	5.9					
SAT	16	38	0.00	19.2	1.1190												
SUN	17	39	0.00	18.7	0.9550	316	2517						11.6	92			
MON	18	34	0.00	17.7	0.9570	228	1820			13.0	6.6	5.5	5.8	46			
TUE	19	29	0.03	16.3	1.2500	288	3002			12.6	6.5	5.4	14.2	148			
WED	20	34	0.00	15.0	1.5070	314	3946			12.8	6.5	4.8	11.2	141		,	7
THU	21	34	0.27	14.1	1.2000	276	2762			12.4	6.5	4.8	11.6	116			
FRI	22	34	0.02	14.3	0.8310					13.1	6.9	3.9					
SAT	23	30	0.03	15.0	1.1850												
SUN	24	37	0.45	15.9	1.6330	168	2288						12.0	163			
MON	25	36	0.00	17.6	1.0880	204	1851			13.0	6.9	3.8	9.2	83			
TUE	26	33	0.11	18.4	1.6620	188	2606			13.8	6.9	3.5	15.0	208			<u></u>
WED	27	40	0.83	18.7	1.9240	120	1926			11.8	7.1	4.1	15.2	244			23
THU	28	43	1.06	18.7	3.3740	112	3151			11.8	7.3	5.3	25.1	706			
FRI	29	41	0.75	18.3	2.0890					11.4	7.3	5.3					ļ
SAT	30	39	0.13	17.7	1.5970					300000000000000000000000000000000000000							
TO	TAL		6.95		42.4960												-
MAX	MUM	51	1.06	19.3	3.3740	356	5905	138	1930	14.6	7.3	5.9	25	706	6	88	23
MINI	MUM	29	0.00	12.2	0.8310	112	1577	138	1930	11.4	0.3	3.5	6	46	6	88	4
AVE	RAGE	41	0.248214	16.3	1.5177	215	2643	138	1930	13.3	6.7	4.8	13	184	6	88	10

COMMENTS:

% REM	OVAL
B.O.D.	95
S.S.	94

Copper	N/A	ug/L
NH3	N/A	mg/L
NH3	N/A	lbs

Weekly TSS,BOD	T;	Weekly Coliform			
Aver.	mg/l	lbs	mg/l	lbs	Geo. Mean
WEEK1	14	197	6	88	4
WEEK2	11	147			18
WEEK3	11	109			7
WEEK4	15	281			23
WEEK5					
MAX	15	281	6	88	23