

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

MAJOR (SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

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

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

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YR	MO	DAY	TO	YEAR	MO	DAY
	2004	10	1		2004	10	31

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE		*****	*****	*****	*****	*****	14.6	(04)	0	5/7	GRAB
00010 1 0 0		*****	*****	*****	*****	*****	REPORT DAILY MAX	DEG. C	0	WEEK DAYS	GRAB
EFFLUENT GROSS VALUE OXYGEN, DISSOLVED (DO)		*****	*****	*****	3.5	*****	5.9	(19)	0	1/7	GRAB
00300 1 0 0		*****	*****	*****	2.0	*****	17.0	MG/L	0	ONCE/ WEEK	GRAB
EFFLUENT GROSS VALUE BOD, 5-DAY (20 DEG. C)		*****	*****	*****	DAILY MIN.	*****	DAILY MAX	(19)	0	1/7	GRAB
00310 G 0 0		*****	*****	*****	*****	138.0	*****	(19)	0	1/7	GRAB
RAW SEW/INFLUENT BOD, 5-DAY (20 DEG. C)		*****	*****	*****	*****	REPORT MO AVG	*****	MG/L	0	ONCE/ MONTH	COMP 24
SEE COMMENTS BELOW		*****	*****	*****	*****	6.3	*****	(19)	0	1/30	GRAB
BOD, 5-DAY (20 DEG. C)		*****	*****	*****	*****	45	*****	MG/L	0	ONCE/ MONTH	COMP 24
00310 W 0 0		*****	*****	*****	*****	WKLY AVG	*****	MG/L	0	ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE PH		*****	*****	*****	*****	6.3	6.3	(19)	0	1/30	GRAB
00310 1 0 0		*****	*****	*****	*****	30	60	MG/L	0	ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE		*****	*****	*****	*****	MO AVG	DAILY MAX	(19)	0	ONCE/ MONTH	COMP 24
00400 1 0 0		*****	*****	*****	*****	6.3	7.3	(12)	0	5/7	GRAB
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED		*****	*****	*****	*****	6.0	*****	SU	0	WEEK DAYS	GRAB
00530 G 0 0		*****	*****	*****	*****	215	*****	(19)	0	5/7	GRAB
RAW SEW/INFLUENT		*****	*****	*****	*****	REPORT MO AVG	*****	MG/L	0	ONCE/ MONTH	COMP 24

I CERTIFY UNDER PENALTY 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, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Scott Jeffers
Wastewater Utilities Superintendent
TELEPHONE (907) 586-0393
DATE 2004 11 4

COMMENT AND EXPLANATION OF ANY VIOLATIONS (REFERENCE ALL ATTACHMENTS HERE)
The reporting period was from 10/03/2004 through 10/30/2004

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

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ADDRESS: 155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT
LOCATION: JUNEAU, ALASKA 99801
ATT: Scott Jeffers WWU Utilities Superintendent

(2-18)
AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

FROM			MONITORING PERIOD			TO		
YR	MO	DAY	YR	MO	DAY	YR	MO	DAY
2004	10	1	2004	10	31			

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	*****	94	*****	*****	(23)	0	1/30	
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85 MN % RMV	*****	*****	PERCENT		ONCE/MONTH	CALCTD
COPPER TOTAL RECOVERABLE 01119 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	N/A	N/A	(28)	0	1/90	COMP 24
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	ug/L		ONCE/QUARTER	
TOXICITY, M.galloprovincialis TKG3P 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	N/A	(73)	0	1/90	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	Start 1/02/2004 through 4/30/2005			*****	*****	REPORT MAXIMUM	TUc		ONCE/QUARTER	COMP 24
TOXICITY, D.excentricus TKF3N 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	N/A	(73)	0	1/90	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	Start 1/02/2004 through 4/30/2005			*****	*****	REPORT MAXIMUM	TUc		ONCE/QUARTER	COMP 24
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER
Scott Jeffers
Wastewater Utilities Superintendent

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
(REFERENCE ALL ATTACHMENTS HERE)

TELEPHONE: (907) 586-0393
AREA CODE: 907
PHONE NUMBER: 586-0393

DATE: 2004 11 4
YEAR: 2004
MO: 11
DAY: 4

COMMENT AND EXPLANATION OF ANY VIOLATIONS
The reporting period was from 10/03/2004 through 10/30/2004

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY
Juneau, Alaska

EPA REPORT

OCTOBER 2004

DAY	DATE	WEATHER			INFLUENT						EFFLUENT						
		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				
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	16.0	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	1.0860	204	1851			13.0	6.9	3.0	9.2	83			
TUE	26	33	0.11	18.4	1.6620	188	2606			13.8	6.9	3.5	15.0	208			
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					
SAT	30	39	0.13	17.7	1.5970												
TOTAL			6.95		42.4960												
MAXIMUM		51	1.06	19.3	3.3740	356	5905	138	1930	14.6	7.3	5.9	25	706	6	88	23
MINIMUM		29	0.00	12.2	0.8310	112	1977	138	1930	11.4	6.3	3.5	0	46	6	88	4
AVERAGE		41	0.248214	16.3	1.5177	215	2643	138	1930	13.3	6.7	4.8	13	184	6	88	10

COMMENTS:

% REMOVAL	
B.O.D.	95
S.S.	94

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

Tox. Tu:	N/A
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Weekly	TSS		BOD		Weekly Coliform Geo. Mean
	mg/l	lbs	mg/l	lbs	
Aver					
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