

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

MAJOR (SUB 01)
F - FINAL
EFFLUENT
*** NO DISCHARGE

Form Approved.
OMB No. 2040-0004

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
ATTN: Scott Jeffers WW Utilities Superintendent

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YR	MO	DAY	TO	YR	MO	DAY
	2003	7	1		2003	7	31

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG, CENTIGRADE	*****	*****	*****	*****	*****	*****	18.6	(04)	0	5/7	GRAB
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	REPORT DAILY MAX	DEG. C	0	ONCE/ WEEK	GRAB
EFFLUENT GROSS VALUE OXYGEN, DISSOLVED (DO)	*****	*****	*****	*****	4	*****	7	(19)	0	1/7	GRAB
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	2.0 Daily Min.	*****	17.0	MG/L	0	ONCE/ WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	216.0	(19)	0	1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE/ MONTH	COMP 24
00310 G 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	REPORT MO AVG	MG/L	0	ONCE/ MONTH	COMP 24
RAW SEW/INFLUENT	*****	*****	*****	*****	*****	*****	12.0	(19)	0	1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	*****	*****	*****	45 WKLY AVG	MG/L	0	ONCE/ MONTH	COMP 24
00310 W 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	12.0	(19)	0	1/30	COMP 24
SEE COMMENTS BELOW	*****	*****	*****	*****	*****	*****	12.0	(19)	0	1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	*****	*****	*****	30 MO AVG	MG/L	0	ONCE/ MONTH	COMP 24
00310 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	60 DAILY MAX	MG/L	0	ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	6.3	*****	7.1	(12)	0	5/7	GRAB
pH	*****	*****	*****	*****	*****	*****	8.5	(19)	0	ONCE/ WEEK	GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MAXIMUM	SU	0	ONCE/ WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	455	(19)	0	1/30	COMP 24
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE/ MONTH	COMP 24
00530 G 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	REPORT MO AVG	MG/L	0	ONCE/ MONTH	COMP 24
RAW SEW/INFLUENT	*****	*****	*****	*****	*****	*****	*****	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 3 years.)

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: *Scott Jeffers*

TELEPHONE: 907 586-0393

DATE: 2003 8 8

AREA CODE: 907

PHONE NUMBER: 586-0393

YEAR: 2003

MO: 8

DAY: 8

COMMENT AND EXPLANATION OF ANY VIOLATIONS: (REFERENCE ALL ATTACHMENTS HERE)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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ADDRESS: 155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT
LOCATION: JUNEAU, ALASKA 99801
ATT: Scott Jeffers WW Utilities Superintendent

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PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT 1035 PERMIT REQUIREMENT	275.8 WKLY AVG	*****	(26) LBS/DAY	*****	19.1 45 WKLY AVG	*****	(19) MG/L	0	1/30 ONCE/MONTH	COMP 24
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT 690 PERMIT REQUIREMENT	122.6 MO AVG	740.9 DAILY MAX	(26) LBS/DAY	*****	10.8 30 MO AVG	37.5 60 DAILY MAX	(19) MG/L	0	1/30 ONCE/MONTH	COMP 24
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	SAMPLE MEASUREMENT 25.3 PERMIT REQUIREMENT	25.3 MO AVG	25.3 DAILY MAX	***** LBS/DAY	*****	2.6 2.6 MO AVG	2.6 2.6 DAILY MAX	(19) MG/L	0	1/180 SEMI-ANNUAL	COMP 24
EFFLUENT GROSS VALUE COLIFORM, FECAL MF, M-FC BROTH, 44.5C 31616 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT	*****	*****	***** LBS/DAY	*****	500 800 WKLY GEO	*****	(13) #/100ML	0	1/1 ONE/WEEK	GRAB
EFFLUENT GROSS VALUE COLIFORM, FECAL MF, M-FC BROTH, 44.5C 31616 1 0 0	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT	*****	*****	***** LBS/DAY	*****	38 400 MO GEO	500 1200 DAILY MAX	(13) #/100ML	0	1/7 ONE/WEEK	GRAB
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT 2.76 PERMIT REQUIREMENT	1.1659 MO AVG	2.3690 DAILY MAX	(3) MGD	*****	*****	*****	*****	0	7/7 CONTINUOUS	RECORDED
EFFLUENT GROSS VALUE BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0	SAMPLE MEASUREMENT ***** PERMIT REQUIREMENT	*****	*****	***** PERCENT	94 85 MN % RMV	*****	*****	(23) PERCENT	0	1/30 ONCE/MONTH	CALCTD

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: Scott Jeffers, Wastewater Utilities Superintendent
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]
TELEPHONE: (907) 586-0393
DATE: 2003 8 8

COMMENT AND EXPLANATION OF ANY VIOLATIONS: (REFERENCE ALL ATTACHMENTS HERE)

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, SUSPENDED PERCENT REMOVAL 31011 K 0 0	SAMPLE MEASUREMENT	*****	*****	*****	98	*****	*****	(23)	0	1/30	CALCTD
	PERMIT REQUIREMENT	*****	*****	*****	85 MN % RMV	*****	*****	PERCENT	0	ONCE/MONTH	COMP 24
COPPER TOTAL RECOVERABLE 11119 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MAX	ug/L	0	1/90	ONCE/QUARTER
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	N/A	(73)	0	1/90	ONCE/QUARTER
EFFLUENT GROSS VALUE TOXICITY, A.galloprovincialis TKG3P 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	REPORT MAXIMUM	TUc	0	1/90	ONCE/QUARTER
	PERMIT REQUIREMENT	Start 1/02/2004 through 4/30/2005			*****	*****	N/A	(73)	0	1/90	ONCE/QUARTER
EFFLUENT GROSS VALUE TOXICITY, J.excentricus TKF3N 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	REPORT MAXIMUM	TUc	0	1/90	ONCE/QUARTER
	PERMIT REQUIREMENT	Start 1/02/2004 through 4/30/2005			*****	*****	N/A	(73)	0	1/90	ONCE/QUARTER
EFFLUENT GROSS VALUE TOXICITY, J.excentricus TKF3N 1 0 0	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE TOXICITY, J.excentricus TKF3N 1 0 0	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

TELEPHONE: (907) 588-0393
AREA CODE: 907
PHONE NUMBER: 588-0393

DATE: 2003 8 8
YEAR: 2003
MO: 8
DAY: 8

COMMENT AND EXPLANATION OF ANY VIOLATIONS

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

JULY 2003

EPA REPORT

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	29		0.00	16.4	0.9860	414	3404					12.0				98.7	
MON	30	62	0.00	16.7	1.0990	350	3208			16.0	6.4	6.4		58.7			
TUE	1	63	0.00	16.7	1.0320	216	1859			15.9	6.3	6.4		55.1			
WED	2	56	0.34	16.6	1.5310	560	7150	110	1405	16.1	6.5	4.1	7.0	89.4	12.0	153.2	5
THU	3	53	0.32	16.2	1.5750	396	5202			16.8	6.7	6.4		84.1			
FRI	4	54	0.01	15.6	1.1390					15.6	6.4						
SAT	5		0.00	15.2	0.9490												
SUN	6		0.01	15.4	0.9180	582	4456					5.2		39.8			
MON	7	66	0.00	15.7	1.0210	392	3338			16.3	6.3	7.0		69.6			
TUE	8	64	0.00	16.1	1.0600	343	3032			16.6	6.3	8.0		70.7			
WED	9	63	0.00	16.7	0.9370	316	2469	119	930	17.4	6.6	6.8	8.0	62.5		500	
THU	10	66	0.00	17.3	0.9800	460	3760			17.9	6.6	6.9		66.6			
FRI	11	68	0.00	14.1	1.0800					16.1	6.4						
SAT	12		0.00	18.0	0.9710												
SUN	13		0.01	18.4	0.9870	832	6849					6.6		70.8			
MON	14	58	0.03	18.6	1.0220	468	3989			17.4	6.5	5.2		44.3			
TUE	15	60	0.02	18.4	1.0850	560	5067			18.0	6.5	5.0		45.2			
WED	16	59	0.04	17.8	1.1390	442	4199	308	2926	16.6	6.4	4.7	7.6	72.2		13	
THU	17	54	0.06	16.8	1.0840	668	6039			17.4	6.4	10.4		94.0			
FRI	18	63	0.00	15.5	1.0600					16.8	6.3						
SAT	19		0.00	14.2	0.6900												
SUN	20		0.04	14.3	1.1580												
MON	21	55	0.25	13.8	1.6580					17.4	6.5	23.4		323.6			
TUE	22	57	0.06	13.7	0.9810	802	6562			16.5	6.4	8.4		68.7			
WED	23	63	0.00	13.7	0.9720	414	3356	391	3170	17.3	6.5	4.0	12.0	97.3		8	
THU	24	61	0.00	14.2	0.9560	550	4385			17.2	6.4	9.2		73.4			
FRI	25	61	0.00	14.1	0.8490					17.5	6.4						
SAT	26		0.52	12.8	1.3800												
SUN	27		0.01	15.6	0.9970	254	2112					12.4		103.1			
MON	28	59	0.67	16.3	2.3690	400	7803			17.3	7.1	37.5		740.9			
TUE	29	58	0.74	16.9	1.5280	350	4460			17.4	6.6	20.8		265.1			
WED	30	59	0.01	17.3	1.2940	323	3486	152	1640	17.6	7.0	8.4		90.7		300	
THU	31	60	0.07	17.4	1.3030	364	4173			16.8	7.1	16.5		179.3			
FRI	1	59	0.13	17.0	1.5390					16.0	7.1						
SAT	2		0.69	16.6	1.4780												
TOTAL			4.03		40.8070												
MAXIMUM		68	0.74	18.60	2.3690	832	7903	391	3170	18.6	7.1	6.8	37.5	740.9	12.0	153.2	500
MINIMUM		53	0.00	12.80	0.6900	216	1859	110	930	15.6	6.3	4.0	5.0	39.8	12.0	153.2	5
AVERAGE		60.04	0.12	16.00	1.1639	450	4369	216	2014	17.0	6.6	4.9	10.8	122.6	12.0	153.2	38

COMMENTS:

No Inf. Or Eff. Comp. Samples on 07/21/03 samplers not reset..also no Inf. Comp. On 07/22/03 sampler was not reset.

% REMOVAL	
B.O.D.	94.4
S.S.	97.6

Copper	10.6	ug/L
NH3	2.6	mg/L
NH3	25.3	lbs

Tox. Tu.	N/A
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Weekly TSS,BOD Aver	TSS		BOD		Weekly Coliform Geo. Mean
	mg/l	lbs	mg/l	lbs	
WEEK1	7.6	57.6	12.0	153.2	5
WEEK2	7.0	57.6	12.0		500
WEEK3	7.4	63.8	12.0		13
WEEK4	13.3	140.7	12.0		8
WEEK5	19.1	275.8	12.0		300
Max	19.1	275.8	12.0	153.2	500