

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:
ADDRESS:
FACILITY:
LOCATION:
ATT:

AK-002321-3
PERMIT NUMBER
001 A
DISCHARGE NUMBER
MONITORING PERIOD
YR 2007 MO 12 DAY 1 TO 2007 MO 12 DAY 31

PARAMETER	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	PERMIT REQUIREMENT		MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG, CENTIGRADE	*****	*****	*****	****	*****	11.3	(04)	0	5/7 WEEK DAYS	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	REPORT DAILY MAX	DEG. C	0	1/7 WEEK	GRAB
OXYGEN, DISSOLVED (DO)	*****	*****	*****	****	*****	5.0	(19)	0	1/30 ONCE/ WEEK	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	17.0	MG/L	0	1/30 ONCE/ MONTH	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	****	*****	81.7	(19)	0	1/30 ONCE/ MONTH	COMP 24
RAW SEW/INFLUENT	*****	*****	*****	****	*****	REPORT MO AVG	MG/L	0	1/30 ONCE/ MONTH	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	(26)	*****	4.7	(19)	0	1/30 ONCE/ MONTH	COMP 24
SEE COMMENTS BELOW	*****	*****	*****	LBS/DAY	*****	45 WKLY AVG	MG/L	0	1/30 ONCE/ MONTH	COMP 24
BOD, 5-DAY (20 DEG. C)	*****	*****	*****	(26)	*****	4.7	(19)	0	1/30 ONCE/ MONTH	COMP 24
EFFLUENT GROSS VALUE	*****	*****	*****	LBS/DAY	*****	30 MO AVG	MG/L	0	1/30 ONCE/ MONTH	COMP 24
pH	*****	*****	*****	****	*****	6.6	(12)	0	5/7 WEEK DAYS	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	6.0 MIN	SU	0	1/30 ONCE/ MONTH	COMP 24
SUSPENDED SOLIDS, TOTAL	*****	*****	*****	****	*****	182	(19)	0	1/30 ONCE/ MONTH	COMP 24
RAW SEW/INFLUENT	*****	*****	*****	****	*****	REPORT MO AVG	MG/L	0	1/30 ONCE/ MONTH	COMP 24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Scott Jeffers
Wastewater Utilities Superintendent
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
907 AREA CODE 586-0393
PHONE NUMBER
DATE
2008 YEAR 1 MO 10 DAY
TELEPHONE
586-0393

COMMENT AND EXPLANATION OF ANY VIOLATIONS
The reporting period was from 12/02/2007 through 12/29/2007.
EPA Form 3320-1 (03-99). Previous editions may be used.

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OMB No. 2040-0004

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

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2007	12	1	1
YR	MO	DAY	TO
2007	12	31	31

PARAMETER	QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	PERMIT REQUIREMENT	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED	86.1	*****	(26)	*****	*****	6.9	*****	(19)	0	5/7	GRAB
00530 W 0 0	1035	*****	LBS/DAY	*****	*****	45	*****	MG/L	0	ONCE/MONTH	GRAB
SEE COMMENTS BELOW	59.0	*****	(26)	*****	*****	5.1	*****	(19)	0	5/7	GRAB
SOLIDS, TOTAL SUSPENDED	690	*****	LBS/DAY	*****	*****	30	*****	MG/L	0	ONCE/MONTH	GRAB
00530 1 0 0	N/A	*****	(26)	*****	*****	N/A	*****	(19)	0	1/180	SEMI-ANNUAL
EFFLUENT GROSS VALUE	REPORT	*****	LBS/DAY	*****	*****	REPORT	*****	MG/L	0	1/90	ONCE/QUARTER
NITROGEN, AMMONIA TOTAL (AS N)	REPORT	*****	(03)	*****	*****	REPORT	*****	MG/L	0	7/7	CONTINUOUS
00610 1 0 0	1.3169	*****	(03)	*****	*****	400	*****	#/ML100	0	1/7	ONCE/WEEK
EFFLUENT GROSS VALUE	2.76	*****	MGD	*****	*****	MO GEO	*****	MG/L	0	1/7	ONCE/WEEK
00650 1 0 0	6.0	*****	MGD	*****	*****	MO GEO	*****	MG/L	0	7/7	CONTINUOUS
EFFLUENT GROSS VALUE	6.0	*****	MGD	*****	*****	MO GEO	*****	MG/L	0	7/7	CONTINUOUS

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

TELEPHONE: 586-0393
PHONE NUMBER: 586-0393

AREA CODE: 907
DATE: 2008
YEAR: 2008
MO: 1
DAY: 10

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

COMMENT AND EXPLANATION OF ANY VIOLATIONS
The reporting period was from 12/02/2007 through 12/29/2007.
(Reference all attachments here)

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

December 2007

EPA REPORT

DAY	DATE	WEATHER				INFLUENT					EFFLUENT					Ammonia as N mg/l 1/180 days	Ammonia as N lbs/day 1/180 days
		TEMP OF	RAIN FALL INCHES	HIGH TIDE FEET	3-D TITL EFFL MGD	S.S. mg/L	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		
SUN	2	15	0.00	14.5	0.9360	210	1639				4.6	36					
MON	3	4	0.00	14.8	0.9400	326	2556				5.6	44					
TUE	4	7	0.00	15.2	1.0050	174	1458	82	685		4.4	37	4.7	39			
WED	5	13	0.00	15.7	0.9440	200	1575				4.0	31			2.0		
THU	6	16	0.00	16.2	0.9650	226	1819				4.4	35					
FRI	7	25	0.01	16.6	1.3520												
SAT	8	31	0.49	16.9	0.7100												
SUN	9	36	0.28	17.2	1.5190	134	1698				6.4	81					
MON	10	35	0.31	17.3	2.5030	158	3298				5.4	113					
TUE	11	35	0.61	17.2	1.9670	119	1952				5.2	85					
WED	12	36	0.36	16.9	2.0760	128	2216				5.0	87			5.7		
THU	13	36	0.50	16.4	1.7710	166	2482				4.4	65					
FRI	14	37	0.25	15.7	1.5650												
SAT	15	35	0.32	14.8	1.3640												
SUN	16	33	0.04	14.9	1.1480	148	1417				4.8	46					
MON	17	31	0.11	15.2	1.0120	193	1629				3.2	27					
TUE	18	26	0.02	15.7	0.9870	218	1794				4.2	35					
WED	19	19	0.03	16.4	1.0100	198	1688				2.4	20			5.0		
THU	20	22	0.02	17.3	1.0150	224	1896				2.8	24					
FRI	21	33	0.50	18.2	1.4630												
SAT	22	34	0.28	19.0	1.6380												
SUN	23	39	0.25	19.5	1.7690	148	2184				6.8	100					
MON	24	35	0.18	19.7	1.3040	146	1588				9.0	98					
TUE	25	36	0.31	19.5	1.5440	143	1841				8.8	113					
WED	26	33	0.23	18.7	1.3190	156	1716				5.6	62			3.3		
THU	27	29	0.00	17.6	1.1260	218	2047				4.4	41					
FRI	28	28	0.02	16.3	0.9940												
SAT	29	31	0.07	15.8	0.9270												
TOTAL			5.19		36.8730												
MAXIMUM		39	0.61	19.7	2.5030	326	3298	82	685	11.3	7.0	113	4.7	39	6	N/A	
MINIMUM		4	0.00	14.5	0.7100	119	1417	82	685	7.4	6.6	20	4.7	39	2	N/A	
AVERAGE		28	0.185	16.8	1.3169	182	1922	82	685	9.8	6.8	59	4.7	39	4	N/A	

Weekly TSS/BOD Avail.	TSS		BOD		Weekly Coliform. Geo. Mean
	mg/l	lbs	mg/l	lbs	
WEEK1	5	37	5	39	2
WEEK2	5	86			6
WEEK3	3	30			5
WEEK4	7	83			3
MAX	7	86	5	39	6

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

% REMOVAL	
B.O.D.	94
S.S.	97

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