

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

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

Form Approved.
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	YEAR	MO	DAY
2006	7	1		2006	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 00010 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	19.1	(04)	0	5/7	
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MAX	DEG. C		WEEK DAYS	GRAB
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	3.1	*****	4.9	(19)	0	1/7	
	PERMIT REQUIREMENT	*****	*****	****	2.0 DAILY MIN.	*****	17.0 DAILY MAX	MG/L		ONCE/WEEK	GRAB
BOD, 5-DAY (20 DEG. C) 00310 G 0 0 RAW SEW/INFLUENT		*****	*****	****	*****	250.5	*****	(19)	0	1/30	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	*****	MG/L		ONCE/MONTH	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 W 0 0 SEE COMMENTS BELOW		45.9	*****	(26)	*****	6.1	*****	(19)	0	1/30	
	PERMIT REQUIREMENT	1035 WKLY AVG	*****	LBS/DAY	*****	45 WKLY AVG	*****	MG/L		ONCE/MONTH	COMP 24
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE		41.9	45.9	(26)	*****	4.9	6.1	(19)	0	1/30	
	PERMIT REQUIREMENT	690 MO AVG	1380 DAILY MAX	LBS/DAY	*****	30 MO AVG	60 DAILY MAX	MG/L		ONCE/MONTH	COMP 24
pH 00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0	*****	6.9	(12)	0	5/7	
	PERMIT REQUIREMENT	*****	*****	****	6.0 MIN.	*****	8.5 MAXIMUM	SU		WEEK DAYS	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT		*****	*****	****	*****	272	*****	(19)	0	1/30	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	*****	MG/L		ONCE/MONTH	COMP 24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Scott Jeffers Wastewater Utilities Superintendent	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				TELEPHONE		
TYPED OR PRINTED									907 AREA CODE		586-0393
COMMENT AND EXPLANATION OF ANY VIOLATIONS									DATE		
									2006 YEAR	8 MO	9 DAY

(Reference all attachments here)

The reporting period was from 07/02/2006 through 07/29/2006.

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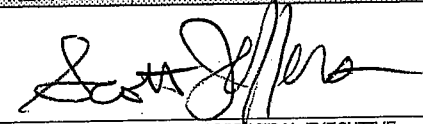
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, TOTAL SUSPENDED 00530 W 0 0 SEE COMMENTS BELOW	1035 WKLY AVG	133.2	*****	(26) LBS/DAY	*****	15.4 45 WKLY AVG	*****	(19) MG/L	0	5/7 ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	690 MO AVG	128.0	359.0	(26) LBS/DAY	*****	12.3 30 MO AVG	27.4 60 DAILY MAX	(19) MG/L	0	5/7 ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	N/A	N/A	(26) LBS/DAY	*****	N/A REPORT MO AVG	N/A REPORT DAILY MAX	(19) MG/L	0	1/180 SEMI-ANNUAL	COMP 24
COLIFORM, FECAL MF M-FC BROTH, 44.5 C 31616 W 0 0 SEE COMMENTS BELOW	***** *****	*****	*****	**** ****	*****	105 800 WKLY GEO	*****	(13) #/ML100	0	1/7 ONCE/WEEK	COMP 24
COLIFORM, FECAL MF M-FC BROTH, 44.5 C 31616 1 0 0 EFFLUENT GROSS VALUE	***** *****	*****	*****	**** ****	*****	44 400 MO GEO	105 1200 DAILY MAX	(13) #/ML100	0	1/7 ONCE/WEEK	COMP 24
FLOW, IN CONDUIT, OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	2.76 MO AVG	1.1856	1.7060	(03) MGD	*****	*****	*****	**** ****	0	7/7 CONTINUOUS	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0 PERCENT REMOVAL	***** *****	*****	*****	**** ****	98.0 85 MIN. % REMOVAL	*****	*****	(23) %	0	1/30 ONCE/MONTH	COMP 24

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Scott Jeffers
Wastewater Utilities Superintendent

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TELEPHONE		
907	586-0393	
AREA CODE	PHONE NUMBER	
DATE		
2006	8	9
YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS
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(Reference all attachments here)

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PARAMETER	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 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	95.5	*****	*****	(23)	0	1/30	
	PERMIT REQUIREMENT	*****	*****	****	85 MIN. % REMOVAL	*****	REPORT DAILY MAX	%		ONCE/ MONTH	GRAB

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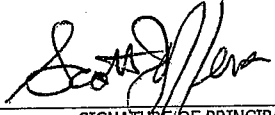
REC-1
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YR	MO	DAY	TO	YEAR	MO	DAY
2006	7	1		2006	7	31

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL MF M-FC BROTH, 44.5 C 31616 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	(26)	*****	16.0	16.0	(13)	0	1/30	GRAB
	PERMIT REQUIREMENT	*****	*****	LBS/DAY	*****	400 MO GEO	1200 DAILY MAX	#/ ML100		ONCE/MO MAY-OCT	
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****		AND 1/180	
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****		2 TIMES NOV- APR	
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	****			
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			

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JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

July 2006

EPA REPORT

		WEATHER			INFLUENT					EFFLUENT									
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	Ammonia as N mg/l 1/180 days	Ammonia as N lbs/day 1/180 days
SUN	2	59	0.00	13.9	0.8480	292	2065						10.4	74					
MON	3	62	0.00	13.8	0.8870	325	2404			18.0	6.2	4.9	11.6	86					
TUE	4	60	0.00	13.8	0.9100	272	2064	247	1875	17.7	6.2	3.6	16.7	127	6.1	46			
WED	5	62	0.00	14.1	0.9910	365	3017			17.8	6.0	4.1	21.2	175			21.7		
THU	6	59	0.17	14.6	1.2520	364	3801			18.0	6.7	4.1	17.0	178					
FRI	7	54	0.21	15.3	0.9930					19.1	6.9	3.1							
SAT	8	54	0.15	16.2	1.2860														
SUN	9	53	0.67	13.6	1.7060	182	2590						20.4	290					
MON	10	58	0.00	17.1	1.1550	242	2331			18.4	6.6	4.1	13.2	127					
TUE	11	58	0.00	17.9	1.1990	347	3470	254	2540	17.2	6.3	3.7	8.4	84	3.8	38			
WED	12	60	0.00	18.3	1.1640	370	3592			18.1	6.7	3.9	7.8	76			42.0		
THU	13	53	0.32	18.3	1.2670	233	2462			18.0	6.6	4.2	8.4	89					
FRI	14	54	0.01	17.8	1.1740					17.7	6.4	4.4							
SAT	15	53	0.17	17.0	0.9620														
SUN	16	54	0.01	16.8	0.9080	306	2317						5.4	41					
MON	17	55	0.00	16.4	0.8950	316	2359			18.6	6.5	4.6	7.2	54					
TUE	18	56	0.02	16.0	0.9290	266	2061			17.3	6.2	4.0	8.8	68					
WED	19	56	0.00	15.7	0.9990	294	2450			17.8	6.0	3.6	8.8	73			105		
THU	20	57	0.10	15.6	1.5710	294	3852			18.4	6.5	3.2	27.4	359					
FRI	21	55	0.86	15.9	1.6340					18.9	6.6	4.1							
SAT	22	57	0.07	13.3	1.0610														
SUN	23	56	0.16	16.3	1.2310	242	2488						7.2	74					
MON	24	56	0.15	16.7	1.3530	196	2212			18.1	6.4	4.1	8.0	90					
TUE	25	55	0.19	16.9	1.0950	217	3068			17.5	6.2	3.7	12.0	170					
WED	26	54	0.47	16.9	1.5880	145	1924			17.4	6.4	4.2	15.6	207			40		
THU	27	54	0.11	16.6	1.4340	181	2165			17.0	6.3	4.5	10.0	120					
FRI	28	52	0.00	16.1	1.1050					16.2	6.2	4.1							
SAT	29	59	0.00	15.3	1.0000														
TOTAL			3.84		33.1970														
MAXIMUM		62	0.86	18.3	1.7060	370	3852	254	2540	19.1	6.9	4.9	27.4	359	6.1	46	105	N/A	N/A
MINIMUM		52	0.00	13.3	0.8480	145	1924	247	1875	16.2	6.0	3.1	5.4	41	3.8	38	22	N/A	N/A
AVERAGE		56	0.137	15.9	1.1856	272	2634	251	2207	17.9	6.4	4.0	12.3	128	4.9	42	44	N/A	N/A

% REMOVAL	
B.O.D.	98
S.S.	95

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

Weekly TSS/BOD Aver	TSS		BOD		Weekly Coliform Geo. Mean
	mg/l	lbs	mg/l	lbs	
WEEK1	15	128	6	46	22
WEEK2	12	133	4	38	42
WEEK3	12	119			105
WEEK4	11	132			40
MAX	15	133	6	46	105