

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

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

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

001 A
DISCHARGE NUMBER

Form Approved, OMB No. 20-40-0004
NOTE: Read instructions before completing this form.

MONITORING PERIOD			
YR	MO	DAY	TO
2006	3	1	2006
YEAR	MO	DAY	YEAR
2006	3	31	2006

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			NO. EX	YEAR	MO	DAY	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM						
TEMPERATURE, WATER DEG, CENTIGRADE	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****	0				5/7	GRAB
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					WEEK DAYS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	0				1/7	GRAB
OXYGEN, DISSOLVED (DO)	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****					ONCE/WEEK	
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					ONCE/WEEK	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	0				1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****					ONCE/MONTH	
00310 G 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					ONCE/MONTH	
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	70.9	*****	(26)	8.1	*****	*****	0				1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	PERMIT MEASUREMENT	1035	*****	****	*****	*****	*****					ONCE/MONTH	
00310 W 0 0	PERMIT REQUIREMENT	1035	*****	****	*****	*****	*****					ONCE/MONTH	
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	70.9	*****	(26)	8.1	*****	*****	0				1/30	COMP 24
BOD, 5-DAY (20 DEG. C)	PERMIT MEASUREMENT	690	*****	****	*****	*****	*****					ONCE/MONTH	
00310 1 0 0	PERMIT REQUIREMENT	690	*****	****	*****	*****	*****					ONCE/MONTH	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	0				5/7	GRAB
pH	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****					WEEK DAYS	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					WEEK DAYS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	0				1/30	COMP 24
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****					ONCE/MONTH	
00530 G 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					ONCE/MONTH	
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****					ONCE/MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.												
Scott Jeffers Wastewater Utilities Superintendent	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT												
COMMENT AND EXPLANATION OF ANY VIOLATIONS													
The reporting period was from 02/26/2006 through 04/01/2006.													

907 ARBA CODE
586-0393 TELEPHONE
2006 YEAR
4 MO
7 DAY

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

Form Approved
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155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
JUNEAU-DOUGLAS TREATMENT PLANT
JUNEAU, ALASKA 99801
Scott Jeffers WW Utilities Superintendent

NAME:
ADDRESS:
FACILITY:
LOCATION:

ATTN:
PARAMETER

AK-002321-3 PERMIT NUMBER		MONITORING PERIOD				DISCHARGE NUMBER	
YR	MO	DAY	TO	YEAR	MO	DAY	001 A
2006	3	1	2006	2006	3	31	

PARAMETER	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	PERMIT REQUIREMENT		MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 W 0 0	127.7	*****	1035 WKLY AVG	(26)	*****	14.1	*****	0	5/7	GRAB
SEE COMMENTS BELOW	88.0	*****	194.6	(26)	*****	9.8	*****	0	5/7	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	690 MO AVG	*****	1380 DAILY MAX	(26)	*****	30 MO AVG	60 DAILY MAX	0	1/180	GRAB
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0	N/A	*****	N/A	(26)	*****	N/A	N/A	0	1/90	GRAB
EFFLUENT GROSS VALUE COPPER TOTAL RECOVERABLE 01119 1 0 0	*****	*****	*****	****	*****	28	*****	0	1/7	GRAB
EFFLUENT GROSS VALUE COLIFORM, FECAL MF M-F-C BROTH, 44.5 C 31616 W 0 0	*****	*****	*****	****	*****	800 WKLY GEO	*****	0	1/7	GRAB
SEE COMMENTS BELOW	*****	*****	*****	****	*****	9	*****	0	1/7	GRAB
COLIFORM, FECAL MF M-F-C BROTH, 44.5 C 31616 1 0 0	*****	*****	*****	****	*****	400 MO GEO	*****	0	7/7	GRAB
EFFLUENT GROSS VALUE FLOW, IN CONDUIT, OR THRU TREATMENT PLANT 50050 1 0 0	1.0208	*****	1.5630	(03)	*****	*****	*****	0	7/7	GRAB
EFFLUENT GROSS VALUE EFFLUENT GROSS VALUE	2.76	*****	6.0	MGD	*****	*****	*****	0	7/7	GRAB
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.									
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									
COMMENT AND EXPLANATION OF ANY VIOLATIONS	The reporting period was from 02/26/2006 through 04/01/2006.									

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LOCATION: JUNEAU, ALASKA 99801
ATTN: Scott Jeffers WW Utilities Superintendent

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AK-002321-3 PERMIT NUMBER
001 A DISCHARGE NUMBER

MONITORING PERIOD				
YR	MO	DAY	TO	DAY
2006	3	1	2006	31

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	PERMIT REQUIREMENT		MINIMUM	AVERAGE	MAXIMUM	REPORT DAILY MAX				UNITS		
BOD, 5-DAY PERCENT REMOVAL	81010 K 0 0	*****	*****	*****	****	95.7	*****	*****	85 MIN. % REMOVAL	*****	*****	*****	0	1/30	COMP 24
PERCENT REMOVAL	81011 K 0 0	*****	*****	*****	****	96.4	*****	*****	85 MIN. % REMOVAL	*****	*****	*****	0	1/30	GRAB
SOLIDS, SUSPENDED PERCENT REMOVAL	81011 K 0 0	*****	*****	*****	****										
PERCENT REMOVAL															

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Scott Jeffers
Wastewater Utilities Superintendent

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Scott Jeffers

TELEPHONE: 907 586-0393
AREA CODE: 907
PHONE NUMBER: 586-0393
DATE: 2006 4 MO 7 DAY

The reporting period was from 02/26/2006 through 04/01/2006.

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AK-002321-3
PERMIT NUMBER

REC-1
DISCHARGE NUMBER

Form Approved
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2006	3	1	2006

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION				UNITS	NO. EX	YEAR	MO	DAY	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	PERMIT REQUIREMENT		MINIMUM	AVERAGE	MAXIMUM	REPORT DAILY MAX								
COLIFORM, FECAL MF M-F-C BROTH, 44.5 C 31616 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	<1.0	*****	*****	(13)	0			1/30	ONCE/MO MAY-OCT	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****					2 TIMES NOV-APR AND 1/180		
SAMPLE MEASUREMENT	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
SAMPLE MEASUREMENT	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
SAMPLE MEASUREMENT	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
SAMPLE MEASUREMENT	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
SAMPLE MEASUREMENT	SAMPLE MEASUREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	****	*****	*****	*****	*****	*****							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Scott Jeffers
Wastewater Utilities Superintendent

907
AREA CODE

586-0393
TELEPHONE

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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TYPED OR PRINTED

2006
YEAR

4
MO

7
DAY

Reference all attachments here)

EPA REPORT

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

March 2006

DAY	DATE	WEATHER			INFLUENT				EFFLUENT				FECL Coliform /100 ml	Ammonia as N mg/l /180 days	Ammonia as N lbs/day /180 days			
		TEMP °F	RAIN INCHES	HIGH TIDE FEET	J:D TLR EFFL MGD	S.S. mg/L	S.S. LBS	BOD mg/L	BOD LBS	TEMP °C	pH	D.O. mg/L				S.S. mg/L	S.S. LBS	BOD mg/L
SUN	26	17	0.00	18.0	1.0800	225	2027					21.6	194.6					
MON	27	17	0.00	19.0	1.0650	244	2167					17.6	156.3					
TUE	28	25	0.00	19.4	1.1520	289	2488					15.6	149.9					
WED	1	29	0.00	19.3	1.0530	235	2064	186	1633	8.4	6.3	4.0	10.0	87.8	8	70.9	18.0	
THU	2	27	0.00	19.6	1.0320	220	1894			8.4	6.5	4.1	5.8	49.9				
FRI	3	31	0.00	19.2	0.9280					9.0	6.5	4.0						
SAT	4	33	0.01	18.3	0.8970													
SUN	5	34	0.01	17.0	0.9070	405	3064					8.0	60.5					
MON	6	34	0.08	15.4	0.9250	380	2932			10.7	6.4	4.0	5.4	41.7				
TUE	7	34	0.42	13.9	1.5630	270	3520			11.6	6.7	4.1	7.6	99.1				
WED	8	34	0.52	13.0	1.2280	238	2434			9.8	6.5	4.8	10.4	106.3			4.0	
THU	9	32	0.02	13.1	0.9040	277	2088			10.4	6.7	3.6	7.6	57.3				
FRI	10	27	0.00	13.9	0.8200					9.4	6.2	3.8						
SAT	11	22	0.00	14.8	0.8210	244	1943											
SUN	12	23	0.00	15.6	0.9550	328	2558					9.0	71.7					
MON	13	14	0.00	16.2	0.9100	337	2658			10.6	6.5	3.4	4.8	36.4				
TUE	14	7	0.00	16.5	1.0450	228	1987			8.0	6.5	3.4	7.9	68.0			28.0	
WED	15	5	0.00	16.6	1.0630	232	2057			7.1	6.4	3.5	6.8	60.3				
THU	16	8	0.00	16.9	1.0720					7.7	6.7	3.6	6.6	59.0				
FRI	17	8	0.00	16.9	1.0130					7.2	6.4	2.8						
SAT	18	16	0.00	16.8	1.0280	111	1192											
SUN	19	29	0.24	16.4	1.2880	262	2161			15.6	6.5	2.6	8.4	72.0				
MON	20	35	0.09	15.9	1.0280	252	2161			8.4	6.3	2.6	8.4	72.0				
TUE	21	37	0.00	15.2	1.0870	245	2221			13.2	6.3	1.9	13.2	119.7			14.0	
WED	22	40	0.06	14.3	0.9310	332	2578			9.0	6.4	6.0	9.0	69.9				
THU	23	41	0.00	13.6	0.9120	402	3058			10.4	6.3	6.0	8.0	60.8				
FRI	24	40	0.04	13.6	0.8200					10.6	6.3	6.1						
SAT	25	38	0.12	14.6	1.0330					10.8	6.2	6.1						
SUN	26	38	0.03	16.2	0.9070	268	2027						9.8	74.1				
MON	27	37	0.00	17.3	1.0360	258	2229			9.8	6.3	6.5	4.8	41.5				
TUE	28	37	0.00	18.2	1.0610	324	2867			10.8	6.3	6.5	4.8	41.5				
WED	29	37	0.00	19.1	1.1380	268	2544			10.9	6.2	6.7	8.2	72.6			2.0	
THU	30	36	0.03	19.8	1.1460	242	2313			11.0	6.2	6.4	8.4	79.7				
FRI	31	36	0.00	19.8	0.9750					10.5	6.5	7.7	15.0	143.4				
SAT	1	37	0.00	18.0	0.9080					10.5	6.3	6.5						
TOTAL					35.7290													
MAXIMUM					1.67					11.6	6.7	7.7	21.6	194.6			28.00	
MINIMUM					0.52					7.1	6.2	2.6	4.8	36.4			2.00	
AVERAGE					0.00					9.8	6.4	4.6	9.8	88.0			8.92	

COMMENTS:
 No Influent sample on 3/16/06, frozen suction line.
 On 3/21 & 3/22 no D.O.'s were recorded due to a meter malfunction.

REMOVABLE	95.7
S.S.	96.4

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

Weekly S.S. Load Ave.	S.S. lbs	BOD mg/l	BOD lbs	Weekly Coliform Geomean	
WEEK1	14.1	127.7	8.1	70.9	18.00
WEEK2	7.8	73.0			4.00
WEEK3	7.0	59.1			28.00
WEEK4	10.8	98.0			14.00
WEEK5	9.2	82.3			2.00
MAX	14.1	127.7	8.1	70.9	28.00

Tox Tlcs	N/A
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