

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

Form Approved.
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS/(Include Facility name/Location if different)
JUNEAU, CITY AND BOROUGH OF
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

FACILITY:
JUNEAU-DOUGLAS TREATMENT PLANT
LOCATION:
JUNEAU, ALASKA 99801
ATTY:
Scott Jeffers WW Utilities Superintendent

FROM
2006
MONITORING PERIOD
YEAR 2006
MO 8
DAY 1
TO
YEAR 2006
MO 8
DAY 31

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	UNITS					
TEMPERATURE, WATER DEG, CENTIGRADE 00010 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MAX	5.8	DEG. C	(19)	0	1/7	GRAB
EFFLUENT GROSS VALUE OXYGEN, DISSOLVED (DO) 00300 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	DAILY MIN.	2.0	MG/L	(19)	0	1/30	GRAB
EFFLUENT GROSS VALUE BOD, 5-DAY (20 DEG. C) 00310 G 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT MO AVG	183.0	MG/L	(19)	0	1/30	COMP 24
RAW SEW/INFLUENT BOD, 5-DAY (20 DEG. C) 00310 W 0 0	SAMPLE MEASUREMENT	31.1	*****	(26)	*****	*****	3.1	*****	MG/L	(19)	0	1/30	COMP 24
SEE COMMENTS BELOW BOD, 5-DAY (20 DEG. C) 00310 1 0 0	PERMIT REQUIREMENT	31.1	*****	(26)	*****	*****	WEEKLY AVG	45	MG/L	(19)	0	1/30	COMP 24
EFFLUENT GROSS VALUE pH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	6.0	*****	MG/L	(12)	0	5/7	GRAB
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 G 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	6.0	*****	MG/L	(19)	0	1/30	GRAB
RAW SEW/INFLUENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	193	*****	MG/L	(19)	0	1/30	COMP 24
Scott Jeffers Wastewater Utilities Superintendent	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT MO AVG	*****	MG/L	(19)	0	1/30	COMP 24

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
Scott Jeffers
Scott Jeffers
OFFICER OR AUTHORIZED AGENT

907
AREA CODE
586-0393
PHONE NUMBER
2006
YEAR
9
MO
7
DAY

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

MAJOR (SUB 01)
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS/Location if different

JUNEAU, CITY AND BOROUGH OF
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801

FACILITY:
LOCATION:
ATTN: JUNEAU-DOUGLAS TREATMENT PLANT
JUNEAU, ALASKA 99801
Scott Jeffers WW Utilities Superintendent

AK-002321-3
PERMIT NUMBER

YR	MO	DAY
2006	8	1

MONITORING PERIOD

YEAR	MO	DAY
2006	8	31

DISCHARGE NUMBER
001A

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION					NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	MINIMUM		AVERAGE	MAXIMUM	MINIMUM	UNITS					
SOLIDS, TOTAL SUSPENDED	PERMIT	283.5	*****	*****	(26)	*****	12.9	*****	*****	*****	0	5/7	GRAB	
00530 W 0 0	PERMIT	1035	*****	*****	(26)	*****	45	*****	*****	*****	0	ONCE/MONTH	GRAB	
SEE COMMENTS BELOW	SAMPLE	167.9	1021.6		(26)	*****	10.8	25.8		(19)	0	5/7	GRAB	
SOLIDS, TOTAL SUSPENDED	PERMIT	690	1380		(26)	*****	30	60		(19)	0	ONCE/MONTH	GRAB	
00530 1 0 0	PERMIT	MO AVG	DAILY MAX		(26)	*****	N/A	N/A		(19)	0	1/180	GRAB	
SEE COMMENTS BELOW	SAMPLE	N/A	N/A		(26)	*****	N/A	N/A		(19)	0	SEMI-ANNUAL	COMP 24	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT	*****	*****		(13)	*****	120	*****		(13)	0	1/7	COMP 24	
00610 1 0 0	PERMIT	*****	*****		(13)	*****	800	*****		(13)	0	ONCE/WEEK	COMP 24	
SEE COMMENTS BELOW	SAMPLE	*****	*****		(13)	*****	41	120		(13)	0	ONCE/WEEK	COMP 24	
COLIFORM, FECAL MF	PERMIT	*****	*****		(13)	*****	400	1200		(13)	0	ONCE/WEEK	COMP 24	
M-FC BROTH, 44.5 C	PERMIT	*****	*****		(13)	*****	MO GEO	DAILY MAX		(13)	0	CONTINUOUS	GRAB	
31616 1 0 0	PERMIT	*****	*****		(13)	*****	*****	*****		(13)	0	7/7	GRAB	
EFFLUENT GROSS VALUE	SAMPLE	1.7787	4.7480	(03)	*****	*****	*****	*****		(13)	0	CONTINUOUS	GRAB	
FLOW, IN CONDUIT, OR THRU TREATMENT PLANT	PERMIT	2.76	6.0	MGD	*****	*****	*****	*****		(23)	0	1/30	COMP 24	
50050 1 0 0	PERMIT	MO AVG	DAILY MAX	MGD	*****	*****	*****	*****		(23)	0	ONCE/MONTH	COMP 24	
BOD, 5-DAY PERCENT REMOVAL	PERMIT	*****	*****	*****	*****	*****	*****	*****		(23)	0	ONCE/MONTH	COMP 24	
81010 K 0 0	PERMIT	*****	*****	*****	*****	*****	*****	*****		(23)	0	ONCE/MONTH	COMP 24	
PERCENT REMOVAL	PERMIT	*****	*****	*****	*****	*****	*****	*****		(23)	0	ONCE/MONTH	COMP 24	
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 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														
(Reference all attachments here)														
The reporting period was from 07/30/2006 through 09/02/2006.														
(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED).														

TYPED OR PRINTED

907 AREA CODE
586-0393 TELEPHONE
PHONE NUMBER
DATE

2006 YEAR
9 MO
7 DAY

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

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

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

PARAMETER

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM				
SOLIDS, SUSPENDED											
PERCENT REMOVAL		*****	*****	****	94.4	*****	*****	(23)	0	1/30	GRAB
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MIN. % REMOVAL	*****	*****	%		ONCE/MONTH	
PERCENT REMOVAL											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	COMMENT AND EXPLANATION OF ANY VIOLATIONS	TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	PHONE NUMBER	TELEPHONE	YEAR	MO	DAY
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.			907	586-0393	2006	9	7	

The reporting period was from 07/30/2006 through 09/02/2006.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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Form Approved.
(SUB 01)
F - FINAL
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ADDRESS: 155 SOUTH SEWARD,
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FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT
LOCATION: JUNEAU, ALASKA 99801
ATTN: Scott Jeffers WW Utilities Superintendent

AK-002321-3
PERMIT NUMBER

REC-1
DISCHARGE NUMBER

MONITORING PERIOD		
YR	MO	DAY
2006	8	1
YR	MO	DAY
2006	8	31

PARAMETER	SAMPLE	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	REPORT DAILY MAX				
COLIFORM, FECAL MF MFC BROTH, 44.5 C 31616 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT	*****	*****	****	*****	*****	*****	4.0	(13)	0	1/30	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****				ONCE/MO MAY-OCT AND 1/180	
	SAMPLE	*****	*****	****	*****	*****	*****				2 TIMES NOV-APR	
	MEASUREMENT	*****	*****	****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					
	SAMPLE	*****	*****	****	*****	*****	*****					
	MEASUREMENT	*****	*****	****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					
	SAMPLE	*****	*****	****	*****	*****	*****					
	MEASUREMENT	*****	*****	****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****					
	SAMPLE	*****	*****	****	*****	*****	*****					
	MEASUREMENT	*****	*****	****	*****	*****	*****					
PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****						

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
Scott Jeffers WW Utilities Superintendent

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907 AREA CODE
586-0393 TELEPHONE
2006 YEAR
9 MO
7 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

The reporting period was from 07/30/2006 through 09/02/2006.

EPA REPORT

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY
Juneau, Alaska

August 2006

DAY	DATE	WEATHER			INFLOW			EFFLUENT			WATER QUALITY						
		TEMP °F	RAIN INCHES	HIGH TIDE FEET	SS mg/L	BOD mg/L	TEMP °C	pH	D.O. mg/L	SS mg/L	BOD mg/L	FECA Coliform /100 ml	Ammonia as-N mg/L /180 days	Ammonia as-N lbs/day /180 days			
SUN	30	56	0.19	15.00	1,131.0	284	2490			18.8	6.5	4.0	10.4	66.03			
MON	31	53	0.69	14.60	1,450.0	189	2044			16.9	6.2	4.0	9.2	125.77			
TUE	1	53	0.11	14.20	1,190.0	289	2670			17.0	6.3	4.3	13.2	174.38			31
WED	2	51	0.31	13.90	1,584.0	217	2864			17.2	6.4	4.7	16.0	197.09			53
THU	3	52	0.30	13.70	1,477.0	224	2759			17.9	6.6	3.3					
FRI	4	50	0.46	14.00	1,955.0												
SAT	5	51	0.86	14.80	2,694.0												
SUN	6	53	0.14	16.00	1,543.0	116	1493			16.5	6.5	5.3	7.2	92.65			
MON	7	52	0.03	13.90	1,370.0	156	1782			18.2	6.2	5.3	14.4	270.34			
TUE	8	52	0.53	17.20	2,251.0	183	3080			16.4	6.3	4.5	9.6	121.06			
WED	9	53	0.10	18.30	1,512.0	145	1828			16.6	6.3	5.3	6.0	85.77			64.0
THU	10	53	0.12	18.90	1,714.0	192	2745			17.6	6.2	5.0					
FRI	11	53	0.17	18.90	1,462.0												
SAT	12	53	0.40	18.50	2,150.0												
SUN	13	52	0.35	18.20	1,806.0	111	1672			16.1	6.4	5.2	13.4	201.83			
MON	14	53	0.08	17.50	1,363.0	171	1938			17.0	6.3	4.7	11.8	136.50			
TUE	15	53	0.09	16.40	1,387.0	170	1966			17.4	6.5	5.8	16.4	226.77			10
WED	16	53	0.23	15.30	1,658.0	207	2862			17.1	6.3	4.9	10.4	158.73			
THU	17	54	0.67	14.50	2,869.0	228	5455										
FRI	18	53	0.32	14.40	1,674.0												
SAT	19	53	0.07	14.90	1,190.0												
SUN	20	55	0.00	13.40	1,192.0	170	1690			17.0	6.5	4.5	7.2	71.58			
MON	21	53	0.13	15.60	1,294.0	193	2083			16.8	6.3	4.8	9.6	102.96			
TUE	22	57	0.11	16.30	1,286.0	202	2166			17.4	6.5	4.8	12.8	194.93			120
WED	23	53	0.52	16.70	1,828.0	208	3168			17.1	6.3	4.9	10.4	158.73			
THU	24	53	0.29	16.80	1,830.0	189	2885										
FRI	25	54	0.64	16.70	2,381.0					17.1	6.2	4.9					
SAT	26	52	0.11	16.30	1,330.0												
SUN	27	51	0.28	16.20	1,583.0	206	2720			16.1	6.4	5.2	10.4	137.30			
MON	28	52	0.06	15.80	1,368.0	191	2179			16.5	6.2	5.7	7.6	86.71			
TUE	29	51	0.13	15.30	1,070.0	183	1633			16.8	6.3	4.8	9.6	102.96			
WED	30	52	0.03	14.60	1,755.0	272	3981			16.8	6.3	5.3	25.8	1021.64			28
THU	31	52	1.67	14.00	4,748.0	200	7920										
FRI	1	54	1.41	13.50	3,706.0												
SAT	2	53	0.17	13.50	1,456.0												
TOTAL			11.77		62,255.0												
MAXIMUM		57	1.67	18.90	4,748.0	272	7920			18.8	6.6	5.8	25.8	1021.64			120
MINIMUM		50	0.00	13.40	1,070.0	111	1493			15.7	6.0	3.3	6.0	80.68			10
AVERAGE		53	0.34	15.65	1,778.7	193	2722			17.0	6.3	4.9	10.8	167.94			41

COMMENTS:
damage to sampler tubing. No Eff. sx on 8/18/06

% REMOVAL	
B.O.D.	98.3
S.S.	94.4

Parameter	Unit	Value
Copper	ug/L	N/A
NH3	mg/L	N/A
NH3	lbs	N/A

Weekly	SS	BOD	FECA	Ammonia	Ammonia
TS/BOD	mg/L	lbs	mg/L	lbs	Geo. Mean
WEEK1	11.2	130.9	3.1	31.1	53
WEEK2	8.9	130.9			64
WEEK3	12.9	169.7			10
WEEK4	9.8	125.1			120
WEEK5	11.6	283.5			28
MAX	12.9	283.5	3.1	31.1	120

Tox. Tlc	N/A