

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

DMR Mailing ZIP CODE: 99801 \$  
 MAJOR (SUB 01)

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:** Tom Trego, WW Utilities Superintendent

**AK-002321-3**  
 PERMIT NUMBER

External Outfall  
 \*\*\* NO DISCHARGE

**001 A**  
 DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	NO. EX
2010	12	26	0
2011	1	29	0

PARAMETER	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE		VALUE	VALUE				
Temperature, water deg. C	*****	*****	****	*****	12.9		0		
00010 1 0 Effluent Gross	*****	*****	*****	*****	REPORT DAILY MAX	deg.C	0	WEEKDAYS	GRAB
Oxygen, dissolved (DO)	*****	*****	*****	*****	5.4		0		
00300 10 Effluent Gross	*****	*****	*****	*****	2	mg/L	0	WEEKLY	GRAB
BOD, 5-day, 20 deg. C	*****	242.6	*****	*****	4.4		0		
00310 10 Effluent Gross	690	1380	lbs/d	*****	60	mg/L	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	*****	*****	*****	250.0		0		
00310 G 0 Raw Sewage Influent	*****	*****	*****	*****	Req. Mon. MO AVG	mg/L	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	242.6	*****	*****	4.4		0		
00310 W 0 See Comments	1035	*****	lbs/d	*****	45	mg/L	0	MONTHLY	COMP24
pH	*****	*****	*****	*****	6.4		0		
00400 1 0 Effluent Gross	*****	*****	*****	*****	7.3		0	WEEKDAYS	GRAB
Solids, Total suspended	*****	*****	*****	*****	8.5	SU	0		
00530 1 0 Effluent Gross	*****	26.22096	*****	*****	4		0		
00530 1 0 Effluent Gross	690	1380	lbs/d	*****	60	mg/L	0	MONTHLY	COMP24

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.

*Stephen D. McComb*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907 AREA CODE  
 586-0393 TELEPHONE  
 2010 YEAR  
 2 MO  
 10 DAY


TYPED OR PRINTED  
 COMMENT AND EXPLANATION OF ANY VIOLATIONS  
 The reporting period was from **12/26/2010** through **01/29/2011**.  
 EPA Form 3320-1 (Rev.01/06) Previous editions may be used. PAGE 1 OF 3

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different)  
 JUNEAU, CITY AND BOROUGH OF  
 155 SOUTH SEWARD,  
 JUNEAU, ALASKA 99801  
**FACILITY:**  
**JUNEAU-DOUGLAS TREATMENT PLANT**  
**LOCATION:**  
 JUNEAU, ALASKA 99801  
**ATT:**  
 Tom Trego, WW Utilities Superintendent

PERMIT NUMBER  
**AK-002321-3**

DISCHARGE NUMBER  
**001 A**

MONITORING PERIOD		YR	MO	DAY	TO	YEAR	MO	DAY
FROM	TO							
2010	2011	2010	12	26	2011	1	29	

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS				
Solids, Total suspended	*****	*****	358.0	*****	*****	0		
00530 G 0	*****	*****	Req. Mon MO AVG	*****	mg/L	0	Monthly	COMP24
Raw Sewage Influent	*****	*****	4.0	*****	*****	0		
Solids, Total suspended	26.2	*****	*****	*****	*****	0		
00530 W 0	1035	lb/d	45	*****	mg/L	0	Monthly	COMP24
See Comments	*****	*****	*****	*****	*****	0		
Nitrogen, ammonia total (as N)	N/A	*****	N/A	*****	*****	0		
00610 1 0	Req. Mon. MO AVG	*****	Req. Mon. MO AVG	*****	mg/L	0	Semi-annual	COMP24
Effluent Gross	*****	*****	*****	*****	*****	0		
Coliform, fecal MF, broth 44.5 C	*****	*****	3	*****	#100/ml	0	Weekly	GRAB
31616 1 0	*****	*****	400	*****	*****	0		
Effluent Gross	*****	*****	MO GEO DAILY MAX	*****	*****	0		
Coliform, fecal MF, broth 44.5 C	*****	*****	10	*****	*****	0		
31616 W 0	*****	*****	800	*****	#100/ml	0	Weekly	GRAB
See Comments	*****	*****	WPLY GEO	*****	*****	0		
Flow, in conduit or through treatment plant	1.1380	*****	*****	*****	*****	0		
50050 1 0	2.76	Mgal/d	6.0	*****	*****	0	Continuous	RCORDR
Effluent Gross	MO AVG DAILY MAX	*****	*****	*****	*****	0		
BOD, 5-day, percent removal	*****	*****	98.2	*****	*****	0		
81010 K 0	*****	*****	85	*****	Percent	0	Monthly	CALCTD
Percent Removal	*****	*****	MN % RMV	*****	*****	0		
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.							
Tom Trego W/W Utilities Superintendent	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 							
TYPED OR PRINTED	TELEPHONE <b>586-0393</b> AREA CODE <b>907</b> PHONE NUMBER <b>586-0393</b> DATE 2011 YEAR 2 MO 10 DAY							

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
 (Reference all attachments here)  
**The reporting period was from 12/26/2010 through 01/29/2011.**  
 EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

DMR Mailing ZIP CODE: 99801 \$  
 MAJOR (SUB 01)

External Outfall  
 \*\*\* NO DISCHARGE \*\*\*

Permit Number: **AK-002321-3**

Discharge Number: **001 A**

PERMITTEE NAME/ADDRESS (Include Facility name/Location if different)  
 JUNEAU, CITY AND BOROUGH OF  
 155 SOUTH SEWARD,  
 JUNEAU, ALASKA 99801  
**JUNEAU-DOUGLAS TREATMENT PLANT**  
 JUNEAU, ALASKA 99801  
 Tom Trego, WW Utilities Superintendent

NAME:  
 ADDRESS:  
 FACILITY:  
 LOCATION:  
 ATT:

MONITORING PERIOD  
 FROM 2010 YR 12 MO 26 DAY TO 2011 YR 1 MO 29 DAY

QUALITY OR CONCENTRATION

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS				
Solids, Total suspended, percent removal	*****	*****	98.9	*****		0		
81011 K 0 0	*****	*****	85	*****	%			
Percent Removal	*****	*****	MN % RMV	*****	PERCENT		MONTHLY	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Tom Trego  
 W/W Utilities Superintendent

*Tom Trego*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 AREA CODE: 907  
 PHONE NUMBER: 586-0393  
 DATE: 2011 YEAR 2 MO 10 DAY

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.

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
**The reporting period was from 12/26/2010 through 01/29/2011.**



JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

January 2011

EPA REPORT

DAY	DATE	WEATHER			INFLUENT				EFFLUENT									
		TEMP °F	RAIN FALL INCHES	J-D TTI 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	26	29	0.00	0.6860				11.4	6.9	5.5					2.0			
MON	27	30	0.15	0.6070				12.9	6.4	6.0								
TUE	28	27	0.08	0.6300				11.1	6.5	5.9								
WED	29	24	0.00	0.6510				12.5	6.5	5.9								
THU	30	30	0.32	0.6980				12.3	6.5	6.0								
FRI	31	35	0.60	1.4970														
SAT	1	36	0.39	1.3530														
SUN	2	38	0.70	1.2490				9.7	7.0	6.4								
MON	3	38	0.42	2.0000				12.7	6.6	5.8					5.0			
TUE	4	38	0.67	1.9620				12.1	6.6	6.7								
WED	5	36	0.22	1.3130				12.0	6.6	7.4								
THU	6	3	0.29	1.3110				12.9	6.6	6.3								
FRI	7	31	0.00	0.9020														
SAT	8	29	0.00	0.7450														
SUN	9	27	0.00	0.7990				9.9	7.0	6.3					2			
MON	10	29	0.00	0.6430				12.3	6.6	5.9	4.0	26	4.40	243				
TUE	11	28	0.00	0.7860	358	2347	250	1639	9.3	7.3	5.4							
WED	12	19	0.00	0.7120				8.6	7.3	5.6								
THU	13	11	0.00	0.7500				8.7	7.2	6.0								
FRI	14	6	0.00	0.7880														
SAT	15	8	0.00	0.8830														
SUN	16	17	0.01	0.6880				9.0	7.2	6.7					2			
MON	17	28	0.19	0.7740				8.3	7.2	5.6								
TUE	18	31	0.07	0.7970				9.7	7.2	6.5								
WED	19	26	0.41	0.8330				8.6	7.3	6.0								
THU	20	36	0.45	1.8160				9.3	7.3	9.3								
FRI	21	37	1.85	3.9160														
SAT	22	39	0.35	2.0750														
SUN	23	38	0.31	1.3270														
MON	24	39	0.26	1.6960				7.2	7.5	8.2					10			
TUE	25	39	0.68	1.9950				9.6	7.1	7.2								
WED	26	39	0.31	1.4940				9.5	6.9	6.3								
THU	27	34	0.01	0.8770				10.0	6.9	7.2								
FRI	28	29	0.04	0.8670				7.3	6.8	7.5								
SAT	29	32	0.00	0.8150														
TOTAL			8.78	39.2530														
MAXIMUM			3.9	3.9160	358	2347	250	1639	12.9	7.3	9.3	4.0	26	4	243	10	N/A	N/A
MINIMUM			3	0.6070	358	2347	250	1639	8.3	6.4	5.4	4.0	26	4	243	2	N/A	N/A
AVERAGE			2.7	1.1380	358	2347	250	1639	10.7	6.9	6.3	4.0	26	4	243	3	N/A	N/A
Number of Analyses			35	35	1	1	1	1	25	25	25	1	1	1	1	5	0	0

% REMOVAL	
B.O.D.	98
S.S.	99

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

TSS	9.6
mg/l	mg/l
lbs	lbs
WEEK1	2
WEEK2	5
WEEK3	2
WEEK4	2
WEEK5	10