

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

January 2012

EPA REPORT

DAY	DATE	WEATHE			INFLUENT				EFFLUENT									
		TEMP °F	RAIN FALL INCHES	J-D TTTL 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	1	32	0.62	1.114														
MON	2	33	0.12	0.915														
TUE	3	32	0.11	0.884														
WED	4	35	0.38	1.407	192	2253	213	2499	11.2	7.2	6.2	8	94	5	59			
THU	5	33	0.09	0.965					10.6	7.3	6.2							
FRI	6	34	0.09	1.278					9.8	7.4	6.5							
SAT	7	38	0.95	2.659														
SUN	8	39	0.46	1.757														
MON	9	30	0.09	1.158					10.8	7.1	6.4							
TUE	10	30	0.31	1.523					10.8	7.3	6.2							
WED	11	35	0.76	2.179					10.0	7.6	6.6							
THU	12	36	0.57	2.350					8.2	7.3	7.8							
FRI	13	29	0.05	1.176					11.3	7.2	7.5							
SAT	14	19	0.00	1.038														
SUN	15	12	0.00	0.714														
MON	16	4	0.00	1.167					9.5	7.0	7.2							
TUE	17	4	0.00	0.903					10.4	7.1	6.5							
WED	18	10	0.00	0.944					10.3	7.4	6.6							
THU	19	14	0.00	0.956					10.3	7.3	5.6							
FRI	20	19	0.00	0.935					9.8	7.4	5.9							
SAT	21	22	0.16	0.998														
SUN	22	30	0.24	0.974														
MON	23	29	0.41	0.908					11.0	6.8	5.4							
TUE	24	32	0.33	1.033					11.5	7.3	6.9							
WED	25	31	0.59	0.959					9.6	7.0	6.2							
THU	26	27	0.27	0.841					12.1	7.2	5.5							
FRI	27	26	0.05	0.766					11.7	7.1	5.9							
SAT	28	29	0.04	0.835														
TOTAL			6.69	33.336														
MAXIMUM			39	0.95	192	2253	213	2499	12.1	7.6	7.8	8.0	94	5	59	13	N/A	N/A
MINIMUM			4	0.00	192	2253	213	2499	8.2	6.8	5.4	8.0	94	5	59	3	N/A	N/A
AVERAGE			27	0.239	192	2253	213	2499	10.5	7.2	6.4	8.0	94	5	59	8	N/A	N/A
Number of Analyses			28	28	1	1	1	1	20	20	20	1	1	1	1	4	0	0

% REMOVAL	
B.O.D.	98
S.S.	96

Weekly TSS/BOD	
Aver.	mg/l
WEEK1	8
WEEK2	
WEEK3	
WEEK4	
MAX	8

Weekly Coliform	
Aver.	lbs
WEEK1	94
WEEK2	
WEEK3	
WEEK4	
MAX	94

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

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

External Outfall
 *** NO DISCHARGE

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

001 A
 DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2012	1	1	2012
YEAR	MO	DAY	DAY
2012	1	28	28

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Temperature, water deg. C	MEASUREMENT	*****	*****	*****	12.1		0		
Effluent Gross	PERMIT	*****	*****	*****	REPORT DAILY MAX	deg.C			
Oxygen, dissolved (DO)	MEASUREMENT	*****	*****	*****	7.8		0		GRAB
Effluent Gross	PERMIT	*****	*****	*****	17	DAILY MAX	0		GRAB
BOD, 5-day, 20 deg. C	MEASUREMENT	*****	*****	*****	5		0		
Effluent Gross	PERMIT	*****	*****	*****	30	MO AVG	0		COMP24
BOD, 5-day, 20 deg. C	MEASUREMENT	*****	*****	*****	213		0		
Raw Sewage Influent	PERMIT	*****	*****	*****	Req. Mon.	mg/L			COMP24
BOD, 5-day, 20 deg. C	MEASUREMENT	*****	*****	*****	5		0		
Effluent Gross	PERMIT	*****	*****	*****	45	WKLY AVG	0		COMP24
See Comments	MEASUREMENT	*****	*****	*****	6.8				
pH	PERMIT	*****	*****	*****	8.5	SU			GRAB
Effluent Gross	MEASUREMENT	*****	*****	*****	MINIMUM				
Solids, Total suspended	PERMIT	*****	*****	*****	8		0		
Effluent Gross	MEASUREMENT	*****	*****	*****	30	MO AVG	0		COMP24
Effluent Gross	PERMIT	*****	*****	*****	60	DAILY MAX			

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.

Nathan D. McLean
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907
 AREA CODE
 TELEPHONE
586-0393

2012
 YEAR
 2
 MO
 10
 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 The reporting period was from **01/01/2012** through **01/28/2012**.
 EPA Form 3320-1 (Rev.07/06) Previous editions may be used.

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) External Outfall
*** NO DISCHARGE ***

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

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR MO DAY TO YR MO DAY
2012 1 1 TO 2012 1 28

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Solids, Total suspended	*****	*****	*****	192	*****	*****	0		
00530 G 0	PERMIT	*****	*****	*****	*****	*****			
Raw Sewage Influent	REQUIREMENT	*****	*****	Req. Mon MO AVG	*****	mg/L		Monthly	COMP24
Solids, Total suspended	SAMPLE	94	*****	8	*****	*****	0		
00530 W 0	MEASUREMENT	*****	*****	*****	*****	*****			
See Comments	PERMIT	1035	lb/d	45	*****	mg/L			
Nitrogen, ammonia total (as N)	REQUIREMENT	*****	*****	WKLY AVG	*****	*****	0	Monthly	COMP24
00610 1 0	SAMPLE	N/A	*****	N/A	*****	N/A			
Effluent Gross	MEASUREMENT	*****	*****	Req. Mon, DAILY MAX	*****	mg/L		Monthly	COMP24
Coliform, fecal MF, broth 44.5 C	PERMIT	*****	*****	8	*****	*****	0	Semi-annual	COMP24
31616 1 0	MEASUREMENT	*****	*****	*****	*****	*****			
Effluent Gross	PERMIT	*****	*****	400	*****	#100/ml			
Coliform, fecal MF, broth 44.5 C	REQUIREMENT	*****	*****	MO GEO	*****	DAILY MAX	0	Weekly	GRAB
31616 W 0	SAMPLE	*****	*****	13	*****	*****			
See Comments	MEASUREMENT	*****	*****	*****	*****	*****			
Flow, in conduit or through treatment plant	PERMIT	*****	*****	800	*****	#100/ml			
50050 1 0	REQUIREMENT	1.19	*****	WKLY GEO	*****	*****	0	Weekly	GRAB
Effluent Gross	SAMPLE	2.76	*****	*****	*****	*****			
BOD, 5-day, percent removal	MEASUREMENT	6.0	Mgal/d	*****	*****	*****			
81010 K 0	PERMIT	*****	*****	98	*****	*****	0	Continuous	RCORDR
Percent Removal	REQUIREMENT	*****	*****	85	*****	*****			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	MEASUREMENT	*****	*****	MN % RMV	*****	Percent			

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

Tom Trego
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 586-0393
907 AREA CODE
2012 YEAR 2 MO 10 DAY
PHONE NUMBER DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS
(Reference all attachments here)
The reporting period was from 01/01/2012 through 01/28/2012.

EPA Form 3320-1 (Rev.01/06) Previous editions may be used
PAGE 2 OF 3

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
 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
 FROM YR 2012 MO 1 DAY 1 TO YR 2012 MO 1 DAY 28

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Solids, Total suspended, percent removal	*****	*****	*****	96	*****	*****	0		
81011 K 0 0	*****	*****	*****	85	*****	*****			
Percent removal	*****	*****	*****	MN % RMV	*****	*****		MONTHLY	CALCTD

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

TYPED OR PRINTED
 Signature: *Tom Trego*
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

The reporting period was from 01/01/2012 through 01/28/2012.

TELEPHONE
 907 AREA CODE 586-0393
 2012 YEAR 2 MO 10 DAY
 PHONE NUMBER DATE

EPA Form 3320-1 (Rev. 01/06) Previous editions may be used. PAGE 3 OF 3

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

DMR Mailing ZIP CODE: 99801
MAJOR (SUB 01) \$
UPSTREAM RECEIVING WATER
External Outfall
*** NO DISCHARGE ***

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

REC-1
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2012	1	1	
YR	MO	DAY	TO
2012	1	28	

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Coliform, fecal MF, broth 44.5 C	*****		*****		N/A		0		
31616 10 Effluent Gross	*****		*****		Req. Mon. #/ DAILY MAX ML100			Monthly	GRAB

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 WW Utilities Superintendent	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
TYPED OR PRINTED	907 AREA CODE	586-0393 TELEPHONE	
	2012 YEAR	2 MO	10 DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS			
The reporting period was from 01/01/2012 through 01/28/2012.			