

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

SEPTEMBER 2012

DAY	WEATHER				INFLUENT							EFFLUENT												
	DATE	TEMP °F	RAIN FALL INCHES	3-D TTL EFFL MGD	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FOG mg/L	FOG LBS	TEMP °C	pH	D.O. mg/L	S.S. mg/L	S.S. LBS	B.O.D. mg/L	B.O.D. LBS	FOG mg/L	FOG LBS	FECAL Coliform /100 ml	Ammonia as N mg/l 1/180 days	Ammonia as N lbs/day 1/180 days		
SUN	26	55	0.00	0.873																				
MON	27	53	1.27	1.554																				
TUE	28	52	1.02	2.040																				
WED	29	53	0.00	1.169	176	1716	124	1209	57	551														
THU	30	51	0.00	1.092					26															
FRI	31	52	0.00	1.181																				
SAT	1	52	0.00	1.803																				
SUN	2	51	1.27	0.847																				
MON	3	51	0.52	1.555																				
TUE	4	54	0.05	1.063																				
WED	5	50	0.34	1.090	288	2618	237	2154	15	136														
THU	6	51	0.01	0.942					39															
FRI	7	48	0.66	1.380																				
SAT	8	52	0.96	2.840																				
SUN	9	47	0.45	1.891																				
MON	10	47	0.49	1.538																				
TUE	11	46	1.98	2.150	160	2869	137	2457																
WED	12	50	0.91	2.696					30	663														
THU	13	50	1.78	2.967					13															
FRI	14	49	0.24	1.592																				
SAT	15	49	0.10	1.190																				
SUN	16	50	1.19	1.634																				
MON	17	49	0.25	1.659																				
TUE	18	47	0.00	0.965																				
WED	19	47	0.08	0.820	209	1429	186	1272	46	311														
THU	20	53	0.01	0.861					12															
FRI	21	52	0.00	0.681																				
SAT	22	53	0.28	0.796																				
SUN	23	52	0.96	1.429																				
MON	24	50	0.05	0.772																				
TUE	25	49	0.30	0.937																				
WED	26	48	1.21	1.569	356	4658	390	5103	44	569														
THU	27	48	0.22	1.077					10															
FRI	28	48	0.28	1.082																				
SAT	29	46	0.35	1.285																				
TOTAL			17.23	49.03																				
MAXIMUM		55	1.98	2.97	288	2869	237	2457	57	663														
MINIMUM		46	0.00	0.68	160	1429	124	1209	12	136														
AVERAGE		50	0.495	1.46	208	2658	215	2439	29	446														
Number Of Analyses		35	35	35	5	5	5	5	10	5	25	25	25	5	5	5	5	10	5	5	5	0	0	0

Weekly TSS BOD	TSS		BOD		Weekly Coliform
	mg/l	lbs	mg/l	lbs	
Aver.	14	136	6	58	12
WEEK1	11	100	4	36	3
WEEK2	10	179	5	90	2
WEEK3	11	75	6	41	3
WEEK4	5	65	6	79	3
WEEK5	14	179	6	90	12
MAX					

Genman

Comments: Fecal Coliform average is actually the geometric mean
 Yellow FOG results represent composite samples

% REMOVAL	
B.O.D.	97
S.S.	95

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
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 2012 MO 8 DAY 26 TO 2012 MO 9 DAY 29

PARAMETER	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE		VALUE	VALUE	UNITS			
Temperature, water deg. C	*****	*****	****	*****	16.2	0			
00010 10 Effluent Gross	*****	*****	*****	*****	REPORT DAILY MAX	0	WEEKDAYS	GRAB	
Oxygen, dissolved (DO)	*****	*****	****	4.4	7.7	0			
00300 10 Effluent Gross	*****	*****	*****	2	17	0	WEEKLY	GRAB	
BOD, 5-day, 20 deg. C	61	90	*****	DAILY MIN.	6	0			
00310 10 Effluent Gross	690	1380	lbs/d	*****	60	0	MONTHLY	COMP24	
BOD, 5-day, 20 deg. C	*****	DAILY MAX	****	*****	215	0			
00310 G 0 Raw Sewage Influent	*****	*****	*****	*****	*****	0	MONTHLY	COMP24	
BOD, 5-day, 20 deg. C	90	*****	*****	*****	6	0			
00310 W 0 See Comments	1035	*****	lbs/d	*****	45	0	MONTHLY	COMP24	
pH	*****	*****	****	*****	7.3	0			
00400 10 Effluent Gross	*****	*****	*****	6.0	8.5	0	WEEKDAYS	GRAB	
Solids, Total suspended	111	179	*****	MINIMUM	10	0			
00530 10 Effluent Gross	690	1380	lbs/d	*****	60	0	MONTHLY	COMP24	
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.			*****			907	586-0393	
Tom Trego W/W Utilities Superintendent	*****			*****			AREA CODE	PHONE NUMBER	
TYPED OR PRINTED	*****			*****			2012	10	
COMMENT AND EXPLANATION OF ANY VIOLATIONS	*****			*****			YEAR	DAY	

Tom Trego
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

The reporting period was from 08/26/2012 through 09/29/2012.

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

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

External Outfall
*** NO DISCHARGE ***


AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

JUNEAU, CITY AND BOROUGH OF
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
JUNEAU-DOUGLAS TREATMENT PLANT
JUNEAU, ALASKA 99801
Tom Trego, WW Utilities Superintendent

MONITORING PERIOD	
YR	MO
2012	8
DAY	TO
26	TO

MONITORING PERIOD	
YEAR	MO
2012	9
DAY	DAY
29	29

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Solids, Total suspended	*****	*****	*****	*****	*****	*****	0		
00530 G 0	*****	*****	*****	*****	*****	*****	0		
Raw Sewage Influent	*****	*****	*****	*****	*****	*****	0	Monthly	COMP24
Solids, Total suspended	179	*****	*****	*****	*****	*****	0		
00530 W 0	1035	*****	*****	*****	*****	*****	0		
See Comments	WKLY AVG	*****	*****	*****	*****	*****	0	Monthly	COMP24
Nitrogen, ammonia total (as N)	NA	*****	*****	*****	*****	*****	0		
00610 1 0	Req. Mon. DAILY MAX	*****	*****	*****	*****	*****	0	Semi-annual	COMP24
Effluent Gross	Req. Mon. MO AVG	*****	*****	*****	*****	*****	0		
Colliform, fecal MF, broth 44.5 C	*****	*****	*****	*****	*****	*****	0		
31616 1 0	Req. Mon. DAILY MAX	*****	*****	*****	*****	*****	0	Weekly	GRAB
Effluent Gross	Req. Mon. MO AVG	*****	*****	*****	*****	*****	0		
Colliform, fecal MF, broth 44.5 C	*****	*****	*****	*****	*****	*****	0	Weekly	GRAB
31616 W 0	*****	*****	*****	*****	*****	*****	0		
See Comments	WKLY GEO	*****	*****	*****	*****	*****	0		
Flow, in conduit or through treatment plant	1.46	*****	*****	*****	*****	*****	0		
50050 1 0	2.76	*****	*****	*****	*****	*****	0		
Effluent Gross	MO AVG	*****	*****	*****	*****	*****	0	Continuous	RCORDR
BOD, 5-day, percent removal	*****	*****	*****	*****	*****	*****	0		
81010 K 0	6.0	*****	*****	*****	*****	*****	0		
Percent Removal	DAILY MAX	*****	*****	*****	*****	*****	0		
BOD, 5-day, percent removal	*****	*****	*****	*****	*****	*****	0		
81010 K 0	*****	*****	*****	*****	*****	*****	0		
Percent Removal	*****	*****	*****	*****	*****	*****	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	907 AREA CODE 586-0393 TELEPHONE 2012 YEAR 10 MO 10 DAY 586-0393 PHONE NUMBER 10 DATE 10 MO 10 DAY								

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 (Reference all attachments here)
 The reporting period was from 08/26/2012 through 09/29/2012.
 EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

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

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

External Outfall
*** NO DISCHARGE ***

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER


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

MONITORING PERIOD

YR	MO	DAY	YEAR	MO	DAY
2012	8	26	2012	9	29
FROM			TO		

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS			
Solids, Total suspended, percent removal	*****	*****	95	*****	0		
81011 K 0 0	*****	*****	85	*****			
Percent Removal	*****	*****	MN % RMV	*****		MONTHLY	CALCTD

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.		TELEPHONE	907	586-0393
Tom Trego W/W Utilities Superintendent	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	907	PHONE NUMBER
TYPED OR PRINTED			DATE	2012	10
COMMENT AND EXPLANATION OF ANY VIOLATIONS			YEAR	MO	DAY
The reporting period was from 08/26/2012 through 09/29/2012.					

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	8	26	2012
YR	MO	DAY	TO
2012	9	29	2012

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS			
Colliform, fecal MF, broth 44.5 C	*****	*****	*****	*****			
31616 1 0	*****	*****	*****	*****			
Effluent Gross	*****	*****	*****	*****		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Tom Trego W/W Utilities Superintendent	<p>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.</p> <p>(Reference all attachments here)</p>	TELEPHONE 586-0393
TYPED OR PRINTED		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
COMMENT AND EXPLANATION OF ANY VIOLATIONS The reporting period was from 08/26/2012 through 09/29/2012.		907 AREA CODE 2012 YEAR 10 MO 10 DAY