

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
2010	8	1	30

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS			
Temperature, water deg. C	*****	****	*****	19.8	0		
00010 10 Effluent Gross	*****	*****	*****	REPORT DAILY MAX	0	WEEKDAYS	GRAB
Oxygen, dissolved (DO)	*****	****	*****	6.3	0		
00300 10 Effluent Gross	*****	*****	*****	17	0	WEEKLY	GRAB
BOD, 5-day, 20 deg. C	*****	*****	*****	DAILY MIN. 10.0	0		
00310 10 Effluent Gross	*****	lbs/d	*****	60	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	*****	*****	DAILY MAX 254.0	0		
00310 G 0 Raw Sewage Influent	*****	*****	*****	Req. Mon. MO AVG	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	*****	*****	10.0	0		
00310 W 0 See Comments	*****	lbs/d	*****	45	0	MONTHLY	COMP24
pH	*****	*****	*****	WKLY AVG	0		
00400 10 Effluent Gross	*****	*****	*****	7.0	0	WEEKDAYS	GRAB
Solids, Total suspended	*****	*****	*****	MINIMUM 6.0	0		
00530 10 Effluent Gross	*****	*****	*****	MAXIMUM 8.5	0		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	*****	*****	*****	7	0	MONTHLY	COMP24
Tom trego	*****	*****	*****	DAILY MAX 60	0	MONTHLY	COMP24
W/W Utilities Superintendent	*****	*****	*****	MO AVG 30	0	TELEPHONE	

**Nathan D. McCombs**  
Digitally signed by Nathan D. McCombs  
DN: cn=Nathan D. McCombs, o=CBI, ou=CBI Public Utilities, email=nathan\_mccombs@cijuneau.ak.us, c=US  
Date: 2010.09.09 15:20:05 -08'00'

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

907 586-0393  
AREA CODE PHONE NUMBER  
DATE

2010 9 10  
YEAR MO DAY

TYPED OR PRINTED COMMENT AND EXPLANATION OF ANY VIOLATIONS

The reporting period was from 08-01-2010 through 8-28-2010.  
EPA Form 3320-1 (Rev.01/06) Previous editions may be used.







**JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY**  
Juneau, Alaska

August 2010

EPA REPORT

DAY	DATE	TEMP °F	RAIN FALL INCHES	HIGH TIDE FEET	T-O TPL EPL 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 /180 days	Ammonia as N mg/l /180 days		
SUN	1	58	0.08	14.9	0.8170														0.0	0.0	
MON	2	61	0.00	14.5	0.8050					18.5	6.5	5.2								0.0	
TUE	3	64	0.00	14.2	0.8330					17.2	6.2	2.0								0.0	
WED	4	63	0.00	14.2	0.7800					18.8	6.8	5.3								0.0	
THU	5	64	0.05	14.7	1.2220	292	2976	254	2589	19.7	6.8	5.0	7.0	71	10	102	42.0			0.0	
FRI	6	58	0.56	15.8	1.0710					18.4	6.9	4.9								0.0	
SAT	7	54	0.11	17.1	0.9140															0.0	
SUN	8	54	0.23	15.0	1.2520															0.0	
MON	9	55	0.06	18.2	1.0330					16.9	6.7	6.3								0.0	
TUE	10	55	0.19	19.0	1.2360					17.7	6.7	5.5								0.0	
WED	11	56	0.04	19.3	1.1640					19.1	6.5	5.6					35.0			0.0	
THU	12	59	0.00	19.0	0.9480					17.2	6.5	5.4								0.0	
FRI	13	59	0.00	18.8	0.8840					17.6	6.7	5.3								0.0	
SAT	14	62	0.00	18.2	0.8330															0.0	
SUN	15	62	0.00	17.1	0.8560															0.0	
MON	16	63	0.00	15.9	0.7870					19.2	6.5	5.2								0.0	
TUE	17	60	0.60	14.8	1.2460					19.7	6.8	5.2								0.0	
WED	18	53	0.47	14.2	1.2420					18.3	6.7	5.6								0.0	
THU	19	52	0.19	14.4	1.1120					17.6	6.6	6.0					32			0.0	
FRI	20	53	0.14	14.9	0.9560					17.6	6.8	5.6								0.0	
SAT	21	55	0.04	13.8	0.8040															0.0	
SUN	22	53	0.13	15.6	1.1090															0.0	
MON	23	52	0.34	16.1	1.3310					17.6	6.9	5.8								0.0	
TUE	24	53	0.30	16.5	1.1710					17.2	6.7	5.1					32			0.0	
WED	25	54	0.00	16.6	1.0180					18.8	6.5	5.1								0.0	
THU	26	54	0.01	16.5	1.0670					17.9	6.7	5.3								0.0	
FRI	27	54	0.01	16.5	0.7500					18.1	7.0	4.6								0.0	
SAT	28	51	0.01	16.3	0.7190															0.0	
TOTAL			3.56		27.9610																
AVERAGE		64	0.60	19.3	1.3310	292	2976	254	2589	19.8	7.0	6.3	7.0	71	10	102	42	N/A	N/A	N/A	
MINIMUM		51	0.00	13.8	0.7190	292	2976	254	2589	16.9	6.2	2.0	7.0	71	10	102	32	N/A	N/A	N/A	
MAXIMUM		57	0.127	16.1	0.9986	292	2976	254	2589	18.3	6.7	5.2	7.0	71	10	102	35	N/A	N/A	N/A	

Parameter	mg/L	lbs	mg/L	lbs
WEEK1	7	71	10	102
WEEK2				
WEEK3				
WEEK4				

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

Parameter	96
B.O.D.	96
S.S.	96

--

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: 5433 SHAUNE DRIVE  
JUNEAU, AK 99801

FACILITY: JUNEAU, CITY AND BOROUGH OF  
LOCATION: 1540 THANE ROAD  
JUNEAU, AK 99801

ATTN: JOE BUCK, PUBLIC WORKS DIRECTO

AK0023213  
PERMIT NUMBER

001-B  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99801  
MAJOR \$  
(SUBR 01)  
COMBINED SEWER OVERFLOW  
External Outfall

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
08/01/2010 TO 08/31/2010

No Discharge

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Flow rate	*****		*****		*****				
00056 P 0 See Comments	Req. Mon. MO AVG	Mgal/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX		When Discharging	GALCTD	
Flow rate	*****		*****		*****				
00056 Q 0 See Comments	Req. Mon. MO AVG	Mgal/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX		When Discharging	GALCTD	
Flow rate	*****		*****		*****				
00056 R 0 See Comments	Req. Mon. MO AVG	Mgal/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX		When Discharging	RECORD	
BOD, 5-day, 20 deg. C	*****		*****		*****				
00310 P 0 See Comments	Req. Mon. MO AVG	lb/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX	mg/L	When Discharging	GRAB	
BOD, 5-day, 20 deg. C	*****		*****		*****				
00310 Q 0 See Comments	Req. Mon. MO AVG	lb/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX	mg/L	When Discharging	GRAB	
BOD, 5-day, 20 deg. C	*****		*****		*****				
00310 R 0 See Comments	Req. Mon. MO AVG	lb/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX	mg/L	When Discharging	GRAB	
Solids, total suspended	*****		*****		*****				
00530 P 0 See Comments	Req. Mon. MO AVG	lb/d	Req. Mon. DAILY MX		Req. Mon. DAILY MX	mg/L	When Discharging	GRAB	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>TOM TRISSE w/w SUPERVISOR</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Mark May</i>	TELEPHONE 907-586-0393	DATE 9/1/10
		AREA CODE	NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
P = N-10 = N-11, 2R = N-15, 1RECORD REASONING FOR EACH OPENING

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: 5433 SHAUNE DRIVE  
 JUNEAU, AK 99801

FACILITY: JUNEAU, CITY AND BOROUGH OF  
 LOCATION: 1540 THANE ROAD  
 JUNEAU, AK 99801

ATTN: JOE BUCK, PUBLIC WORKS DIRECTO

AK0023213  
 PERMIT NUMBER

001-B  
 DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99801  
 MAJOR \$  
 (SUBR 01)  
 COMBINED SEWER OVERFLOW  
 External Outfall

MONITORING PERIOD  
 MM/DD/YYYY TO  
 08/01/2010 TO 08/31/2010

No Discharge

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS			
Solids, total suspended							
00530 Q 0 See Comments	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX		When Discharging	GRAB
Solids, total suspended							
00530 R 0 See Comments	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX		When Discharging	GRAB
Coliform, fecal MF, MFC broth, 44.5 C							
31616 P 0 See Comments	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX		When Discharging	GRAB
Coliform, fecal MF, MFC broth, 44.5 C							
31616 Q 0 See Comments	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX		When Discharging	GRAB
Coliform, fecal MF, MFC broth, 44.5 C							
31616 R 0 See Comments	Req. Mon. MO AVG	Req. Mon. DAILY MX	Req. Mon. MO AVG	Req. Mon. DAILY MX		When Discharging	GRAB
Duration of discharge							
81381 P 0 See Comments	Req. Mon. EVENT TOT	Req. Mon. DAILY MX	Req. Mon. EVENT TOT	Req. Mon. DAILY MX		When Discharging	CALC'D
Duration of discharge							
81381 Q 0 See Comments	Req. Mon. EVENT TOT	Req. Mon. DAILY MX	Req. Mon. EVENT TOT	Req. Mon. DAILY MX		When Discharging	CALC'D

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
<i>Tom Trago w/w SUPERVISOR</i>	907-586-0923	9/1/10
TYPED OR PRINTED	AREA Code	NUMBER
		MM/DD/YYYY

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 P = N-11Q = N-11, 2R = N-15, 1-RECORD REASONING FOR EACH OPENING

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: 5433 SHAUNE DRIVE  
JUNEAU, AK 99801

FACILITY: JUNEAU, CITY AND BOROUGH OF  
LOCATION: 1540 THANE ROAD  
JUNEAU, AK 99801

ATTN: JOE BUCK, PUBLIC WORKS DIRECTO

AK0023213  
PERMIT NUMBER

001-B  
DISCHARGE NUMBER

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
08/01/2010 TO 08/31/2010

DMR Mailing ZIP CODE: 99801  
MAJOR \$  
(SUBR 01)  
COMBINED SEWER OVERFLOW  
External Outfall

No Discharge

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Duration of discharge		*****								
81381 R 0 See Comments		*****	Reg Mon EVT TOT	*****	*****	*****			When Discharging	CALC'D

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Tom Treco w/m JUBB</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Wally Mow</i>	TELEPHONE NUMBER	DATE
TYPED OR PRINTED		707-586-0593	9/1/10
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) P = N-10 + N-11, 2R = N-15. RECORD REASONING FOR EACH OPENING		AREA Code	NUMBER
			MMDDYYYY