

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

May 2013

Juneau, Alaska

DAY	WEATHER				FLOWS				INFLUENT				EFFLUENT										
	DATE	TEMP °F	RAIN FALL INCHES	J-D TITL EFFL MG/D	S.S. mg/L	B.O.D. mg/L	B.O.D. LBS	FOG #* mg/L	FOG LBS	NH3 mg/L	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		
SUN	28	36	0.87	1.032					18	8.8	6.5	5.5								2	0		
MON	29	33	0.00	0.976						9.7	6.6	4.8											
TUE	30	33	0.00	0.976						9.8	6.7	4.7											
WED	1	38	0.53	1.746	216	195	2840	20	291	9.3	6.7	4.7	5	73	4	58	6	87					
THU	2	44	0.89	2.770	184	132	3049	33	762	10.0	6.5	4.7	6	139	4	92	7	150					
FRI	3	44	0.50	2.049																			
SAT	4	46	0.55	1.662																			
SUN	5	46	0.40	1.018																			
MON	6	44	0.04	0.843					13	10.1	6.6	4.5								13	2		
TUE	7	44	0.03	0.805						10.3	6.5	4.5											
WED	8	46	0.00	0.734	360	436	2669	44	266	11.2	6.8	4.3	5	31	5	31	9	55			9		
THU	9	50	0.00	0.624	360	463	2410			11.6	6.9	4.2	5	26	7	36							
FRI	10	51	0.00	0.737						12.0	6.9	4.3											
SAT	11	46	0.04	0.946					10	12.0	6.9	4.3											
SUN	12	47	0.54	0.946						12.1	7.0	4.2											
MON	13	46	0.43	1.010						12.1	7.0	4.1	8	57	8	57							
TUE	14	45	0.27	0.913						12.5	6.9	4.2	6	38	7	44							
WED	15	46	0.19	0.859	384	515	3689			12.9	7.0	4.1											
THU	16	47	0.09	0.761	328	516	3275																
FRI	17	47	0.07	0.840																			
SAT	18	46	0.34	0.979						12.8	7.0	5.4											
SUN	19	39	0.43	0.893						14.1	7.1	5.2											
MON	20	43	0.17	0.918						14.4	6.9	4.1	7	43	9	55							
TUE	21	51	0.00	0.644	364	428	2631		27	14.4	6.9	4.8	6	34	7	40							
WED	22	50	0.00	0.737	376	482	2746			14.3	6.9	5.0											
THU	23	52	0.00	0.683																			
FRI	24	52	0.00	0.727																			
SAT	25	51	0.04	0.722																			
TOTAL			6.42	28.36						15.1	7.1	5.5		8	139	9	92	9	150	44	16		
MAXIMUM		52	0.89	2.77	384	516	3689	44	762	27	7.1	5.5		8	139	9	92	9	150	44	16		
MINIMUM		33	0.00	0.62	184	132	2410	20	266	10	6.5	4.1		5	26	4	31	6	55	2	0		
AVERAGE*		45	0.229	1.01	324	396	2914	32	440	16	11.8	4.6		6	55	6	52	7	98	15	7		
Number Of Analyzes		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28

85%
B.O.D.
S.S.

Weekly
TSS BOD
Aver.
WEEK1
WEEK2
WEEK3
WEEK4
MAX

Comments: *Geometric mean is used to calculate the average fecal coliform colonies.
 ** FOG samples highlighted in yellow are composite samples

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)
JUNEAU, CITY AND BOROUGH OF
155 SOUTH SEWARD,
JUNEAU, ALASKA 99801
FACILITY:
JUNEAU-DOUGLAS TREATMENT PLANT
LOCATION:
JUNEAU, ALASKA 99801
ATT:
Jim Westcott, WW Utilities Supervisor

MONITORING PERIOD

YR	MO	DAY	YEAR	MO	DAY
2013	4	28	2013	5	25

PARAMETER	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE	VALUE		VALUE	VALUE	UNITS			
Temperature, water deg. C	*****	*****	*****	****	*****	*****	*****	0		
00010 10 Effluent Gross	*****	*****	*****	*****	*****	*****	*****	0	WEEKDAYS	GRAB
Oxygen, dissolved (DO)	*****	*****	*****	****	4.1	*****	*****	0		
00300 10 Effluent Gross	*****	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
BOD, 5-day, 20 deg. C	*****	*****	*****	*****	*****	*****	*****	0		
00310 10 Effluent Gross	*****	*****	*****	*****	*****	*****	*****	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	*****	*****	****	*****	*****	*****	0		
00310 G 0 Raw Sewage Influent	*****	*****	*****	*****	*****	*****	*****	0	MONTHLY	COMP24
BOD, 5-day, 20 deg. C	*****	*****	*****	*****	*****	*****	*****	0		
00310 W 0 See Comments	*****	*****	*****	*****	*****	*****	*****	0	MONTHLY	COMP24
pH	*****	*****	*****	****	*****	*****	*****	0		
00400 10 Effluent Gross	*****	*****	*****	*****	*****	*****	*****	0	WEEKDAYS	GRAB
Solids, Total suspended	*****	*****	*****	*****	*****	*****	*****	0		
00530 10 Effluent Gross	*****	*****	*****	*****	*****	*****	*****	0	MONTHLY	COMP24

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT



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 AREA CODE
586-0393 TELEPHONE
2013 YEAR
6 MO
10 DAY

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

The reporting period was from 04/28/2013 through 05/25/2009.

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: Jim Westcott, WW Utilities Supervisor

AK-002321-3
PERMIT NUMBER


001 A
DISCHARGE NUMBER

External Outfall
*** NO DISCHARGE ***

MONITORING PERIOD			
YR	MO	DAY	TO
2013	4	28	2013
YEAR	MO	DAY	DAY
2013	5	25	25

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Solids, Total suspended	*****	*****	*****	*****	*****	*****	0		
00530 G 0	*****	*****	*****	*****	*****	*****	0		
Raw Sewage Influent	*****	*****	*****	*****	*****	*****	0	Monthly	COMP24
Solids, Total suspended	55	*****	*****	*****	*****	*****	0		
00530 W 0	1035	*****	*****	*****	*****	*****	0		
See Comments	*****	*****	*****	*****	*****	*****	0		
Nitrogen, ammonia total (as N)	NA	*****	*****	*****	*****	*****	0	Monthly	COMP24
00610 1 0	*****	*****	*****	*****	*****	*****	0		
Effluent Gross	*****	*****	*****	*****	*****	*****	0	Semi-annual	COMP24
Coliform, fecal MF, broth 44.5 C	*****	*****	*****	*****	*****	*****	0		
31616 1 0	*****	*****	*****	*****	*****	*****	0		
Effluent Gross	*****	*****	*****	*****	*****	*****	0	Weekly	GRAB
Coliform, fecal MF, broth 44.5 C	*****	*****	*****	*****	*****	*****	0		
31616 W 0	*****	*****	*****	*****	*****	*****	0		
See Comments	*****	*****	*****	*****	*****	*****	0	Weekly	GRAB
Flow, in conduit or through treatment plant	1.01	*****	*****	*****	*****	*****	0		
50050 1 0	2.76	*****	*****	*****	*****	*****	0		
Effluent Gross	*****	*****	*****	*****	*****	*****	0	Continuous	RCORDR
BOD, 5-day, percent removal	*****	*****	*****	*****	*****	*****	0		
81010 K 0	*****	*****	*****	*****	*****	*****	0		
Percent Removal	*****	*****	*****	*****	*****	*****	0	Monthly	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Jim Westcott
W/W Utilities Supervisor

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE AREA CODE 907
PHONE NUMBER 586-0393
DATE 2013 YEAR 6 MO 10 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS
(Reference all attachments here)
The reporting period was from 04/28/2013 through 05/25/2009.

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)

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: Jim Westcott, WW Utilities Supervisor

AK-002321-3
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD
YR 2013 MO 4 DAY 28 FROM TO 2013 MO 5 DAY 25

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Jim Westcott
W/W Utilities Supervisor

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.

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS
The reporting period was from 04/28/2013 through 05/25/2009.

(Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
907 AREA CODE 586-0393
PHONE NUMBER
2013 YEAR 6 MO 10 DAY

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: Jim Westcott, WW Utilities Supervisor

AK-002321-3
PERMIT NUMBER

REC-1
DISCHARGE NUMBER

MONITORING PERIOD			
YR	MO	DAY	TO
2013	4	28	
YR	MO	DAY	TO
2013	5	25	

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	*****		*****		*****		0		
31616 1 0 Effluent Gross	*****		*****		*****			Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Jim Westcott W/W Utilities Supervisor	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.		TELEPHONE 586-0393
	I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE 907
COMMENT AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)		PHONE NUMBER DATE
The reporting period was from 04/28/2013 through 05/25/2009.			YEAR 2013
EPA Form 3320-1 (Rev.01/06) Previous editions may be used.			MO 6
			DAY 10

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Brian Meaton
 MAILING ADDRESS: 155 S. Seward Street
 Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY
 LOCATION: 1540 Thane Rd
 Juneau, AK 99801

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 5/1/2013 TO 5/31/2013
 MONITORING POINT: 003 (N11.2) (Q) Sta C NO DISCHARGE: **X**

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5)	Report monthly average	Report daily maximum	lbs/day	*****		*****				
	1 - Final Effluent 00310 Q			Report monthly average	Report daily maximum	mg/l		When Discharging	Grab	
Total Suspended Solids	Report monthly average	Report daily maximum	lbs/day	*****		*****				
	1 - Final Effluent 00530 Q			Report monthly average	Report daily maximum	mg/l		When Discharging	Grab	
Coliform, fecal MF, M-FC broth, 44.5 C	*****	*****		*****		*****				
	1 - Final Effluent 31616 Q			Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab	
Flow	*****	Report daily maximum	MGD	*****	*****	*****				
	1 - Final Effluent 50050 Q			*****	*****	*****		When Discharging	Recorded	
Duration of Discharge	*****	report daily maximum	min/day	*****	*****	*****				
	1 - Final Effluent 81381 Q			*****	*****	*****		When Discharging	Recorded	
COMMENTS:										

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617
 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TONY STAINICH W/W COLLECTIONS SUPV.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE 907-790-2525	DATE 4/2/13
TYPED OR PRINTED	AREA NUMBER Y M D Y M D		

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that 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.

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)

CONTACT NAME: Brian Meaton
 MAILING ADDRESS: 155 S. Seward Street
 Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY
 LOCATION: 1540 Thane Rd
 Juneau, AK 99801

PERMIT NUMBER: AK0023213

MONITORING PERIOD: 5/1/2013 TO 5/31/2013

MONITORING POINT: 002 (N-11) (P) Sta AE NO DISCHARGE: X

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5)	Sample meas.			*****						
	1 - Final Effluent Permit reqmt. 00310 P	report monthly average	lbs/day	*****	report daily maximum	mg/l	report monthly average	report daily maximum	When Discharging	Grab
Total Suspended Solids	Sample meas.			*****						
	1 - Final Effluent Permit reqmt. 00530 P	report monthly average	lbs/day	*****	report daily maximum		report monthly average	report maximum monthly average	When Discharging	Grab
Coliform, fecal MF, M-FC broth, 44.5 C	Sample meas.			*****						
	1 - Final Effluent Permit reqmt. 31616 P	report monthly average		*****	report daily maximum	cts/100 ml	report monthly geometric mean	report daily maximum	When Discharging	Grab
Flow	Sample meas.			*****						
	1 - Final Effluent Permit reqmt. 50050 P	report monthly average	MGD	*****	report daily maximum		*****	*****	When Discharging	Recorded
Duration of Discharge	Sample meas.			*****						
	1 - Final Effluent Permit reqmt. 81381 P	report monthly average	min/day	*****	Report daily maximum		*****	*****	When Discharging	Recorded

COMMENTS:

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617

Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TONY STONICH w/o COLLECTIONS SUPV.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE 907-790-2525	DATE 6/3/13
TYPED OR PRINTED		AREA NUMBER	Y M D

Alaska Department of Environmental Conservation Monthly Discharge Monitoring Report (DMR)


CONTACT NAME: Brian Meaton
 MAILING ADDRESS: 155 S. Seward Street
 Juneau, AK 99801
 PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY
 LOCATION: 1540 Thane Rd
 Juneau, AK 99801

MONITORING PERIOD: 5/1/2013 TO 5/31/2013
 MONITORING POINT: 004 (N-15.1) (R) Douglas NO DISCHARGE: X

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
	Average	Maximum		Minimum	Average	Maximum				
Biochemical Oxygen Demand (BOD5)	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
	1 - Final Effluent 00310 R	Permit reqmt.		*****	Report monthly average	Report daily maximum				
Total Suspended Solids	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
	1 - Final Effluent 00530 R	Permit reqmt.		*****	Report monthly average	Report daily maximum				
Coliform, fecal MF, M-FC broth, 44.5 C	*****	*****		*****	Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
	1 - Final Effluent 31616 R	Permit reqmt.		*****	Report monthly geometric mean	Report daily maximum				
Flow	Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
	1 - Final Effluent 50050 R	Permit reqmt.		*****	*****	*****				
Duration of Discharge	*****	report daily maximum	min/day	*****	*****	*****			When Discharging	Instantaneous Reading
	1 - Final Effluent 81381 R	Permit reqmt.		*****	*****	*****				
COMMENTS:										

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617
 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
TONY STONWICH w/w Collections SUPV.		907-740-2525	6/3/13
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA NUMBER
			Y M D

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that 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.