EPA REPORT

JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY Juneau, Alaska

AVERAGE	ALCO ALCO ALCO ALCO ALCO ALCO ALCO ALCO	MINIM	MAXIMUM	TOTAL	SAT	FKI	2	1 2 5	(A)	TUE	MON	NUS	SAT	FRI	HI	WED	TUE	MON	NUS	SAT	곮	THU.	WED	TUE:	MON	NUS	SAT	FRI	HI	WED	TUE	MON	NUS		DAY		
SH	214	3 3	X		25	24	23	22	3 !	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	ω	2)-må	30	29	28		DATE		!
28	-	, ,	37		29	30	27	87	3 =	17	24	20	20	24	27	27	24	29	29	31	27	28	36	37	32	35	36	21	23	25	30	37	34	ĥ	TEMP		-
0.085	0.00	0.73	0.73	2.38	0.02	0.01	0.00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.03	0.46	0.02	0.00	0.01	0.51	0.44	0.73	INCHES	FALL	WEATHER	
16.6	13.8	19.1	5		⊙. ⊗	17.9	18.5	18.7	10.4	10.0	17 0	17.1	16.3	15.5	14.7	14.2	13.8	13.8	13.9	14.3	15.3	16.6	17.6	18.4	19.0	19.1	19.0	18.5	17.7	16.8	15.9	15.2	14.7	FEET	HOH	1000	
0.8733	0.5970	1.//00	17700	24 4530	0.5970	0.7700	0.8260	0.8140	0.8080	0.7970	0.2020	0.7040	0.6590	0.6830	0.6710	0.6700	0.7090	0.7200	0.6860	0.6760	0.7980		0.8960											MGD	# J-6		
162	162	162	DESCRIPTION OF																				162	i	8									mg/L	S.S.		
1211	1211	1211	CONTRACTOR OF THE PROPERTY OF																				1211											LBS	5.5.	NFLUENT	June
250	250	250	Illiano, and a																				250											ma/i	B.O.D.	NT	Juneau, Alaska
1868	1868	1868	000000000000000000000000000000000000000																				1868		-									- R	B.O.D.		iska
3	9.2	15.2			11.0	20	11.9	11.5	12.0	9.2				10.0	ין גר	12.1	15.0	100				12 0	10.0	116	15.0			12.3	10 2	11 0	3 0	3	(ر ا			
	6.3	7.2		N N	0.0	D 0	න න	6.5	6.5	6.5			7.6	7.	7.	73	7.4	7 1		ì	1 0.4	0 0	70	0 0	6.7		0.9	0.0	D 0	B 0./	0.7	3	December	P			
0 0	. 4 . 00	6.5			0.8	0 0	יוני טו	ເກ	5.9	5.4			0.0	0.0	0.6	η . C	0 -	n		5.0	2.0			ת ה	n		3.7				2.0		119/1		D.O.		
3 .	7.0	7.0																					1										1/gm		5.5.		
1 6	50	52																				52	3										CRS	}	5.5.		
	מ	6																				o											mg/L		8.O.D.	FEELIENT	December 2010
43	A .	43																				43											LBS		8.O.D.	NT 20	Der 201
7	3	550								4							550							2.0							18.0		/100 ml	Coliform	FECAL		>
NA	NIA.	N/A			Manager 11 11 11 11 11 11 11 11 11 11 11 11 11																	1.8											-		Ammonia		
N/A		N/A	STATISTICS.	0.0	0.0	0.0	0.0	0.00	0 !	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1/180 days 1/180 days	as N lbs/	Ammonia		

B.O.D. S.S.

96 98

NH3

1.8 13.5

mg/L lbs

Aver.
WEEK1

mg/I lbs

mg/l

BOD

Coliform Geo. Mean

Weekly

Weekly

WEEK2 WEEK3

52

6

43

18 2 550 % REMOVAL

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different)

DMR Mailing ZIP CODE: 99801 MAJOR (SUB 01) External Outfall
*** NO DISCHARGE

* *

ADDRESS: FACILITY:	JUNEAU, CITY AND BOROUGH OF 155 SOUTH SEWARD, JUNEAU, ALASKA 99801 JUNEAU-DOUGLAS TREATMENT PLANT) BOROUGH OF ?D, 99801 35 Treatment	PLANT		AK-0 PERM	AK-002321-3 PERMIT NUMBER				DISCHARGE NUMBER
LOCATION:	JUNEAU, ALASKA 99801	99801	ZAN		YR	NO.	MONI	MONITORING PERIOD		
2	Tom Trego, WW Utilities Superintendent	ilities Superintend	lent	FROM	2010	11 3	28	70	2010	12
PARAMETER		QUANTI	QUANTITY OR LOADING		QUA	QUALITY OR CONCENTRATION	ENTRATION		NO.	FREQUENCY
Temperature, water ded, C	CAMDIC	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	SLINO	EX	OF ANALYSIS
	MEASUREMENT	***	****	***	***	***	15.2		0	
Effluent Gross	PERMIT						REPORT	deg.C		
Oxygen, dissolved (DO)	SAMPLE	9 9 9 9	***	*****	*****	****	DAILY MAX	,		WEEKDAYS
00000	MEASUREMENT	****	***	***	.4.	***	6.5		0	
Effluent Gross	REQUIREMENT	****	****	***	2		17	mg/L		
BOD, 5-day, 20 deg. C	SAMPLE	43.3	43.3		DAILY MIN.	****	DAILY MAX			WEEKLY
00310 10	MEASUREMENT		1		*****		55		0	
Effluent Gross	REQUIREMENT	MO AVG	1380	lbs/d	****	30	60	mg/L		
BOD, 5-day, 20 deg. C	SAMPLE					250.0	DAILY MAX		0	MONTHLY
00310 G 0	PERMIT	*****	*****	***	*****		****			
Raw Sewage Influent	REQUIREMENT	****	*****	*****	*****	MO AVG	****	mg/L		N C
00040 124 0 usy. C	MEASUREMENT	43.3	* * * * * * *		* * * * *	5.8	**************************************		0	FIGHT I
See Comments	REQUIREMENT	1035 WKI Y AVG	****	lbs/d		45		mg/L		
PH	SAMPLE	***************************************			6.3	WKLY AVG	7.2		0	MONTHLY
00400 1 0	PERMIT	****	****	***		****			í	
Effuent Gross	REQUIREMENT	****	****	***	MINIMIM	* * * * * * * * * * * * * * * * * * * *	8.5	SU		WEEKDAYS
Solids, Total suspended	SAMPLE	52	52		Total Marie	7	7		0	
00530 10	PERMIT	690	1380	lhe/d	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3				
Effuent Gross	REQUIREMENT	MO AVG	DAILY MAX	los/ a	*****	MO AVG	DAILY MAX	mg/L		MONT
INSTITUTE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were	of law that this doc	ument and all attach	mients were	-	,	Digitally signed by Alash			TELEPHONE
Tom Trego	to assure that the qualified personnel property gather and avaluate the information	fied personnel prope	in in accordance with	h the system designed	Natha	ian D.	DN: cn=Nathan D. McCombs, o=CBJ,	nbs, a=CBJ,	907	586-0393
W/W Utilities Superintendent	submitted Based on my inquiry of the person not persons who manage the system, or those persons directly resunnishe for mathering the fermation 4.4.1.6.	y inquiry of the per	son or persons who i	manage the system.	Mode	5	ou=CBJ Public Utilities, email=nathan_mccombs@ci.juneau.ak.	@ci.juneau.ak.	AREA CODE	PHONE NUMBER
	submitted is, to the best of my knowledge and blief, true, accurate, and complete, and aware that there are significant required for	t of my knowledge	and belief, true, acci	urate, and complete.	ואוכרט	CUIIDS	Date: 2011.01.06 15:33:18 -09'00'	8-09'00'		DATE
TYPED OR PRINTED	including the possibility of fine and imprisonment for knowing violations.	y of fine and impris	cament for knowing	violations.	SIGNA	GNATURE OF PRINCIPAL EXECUTIV	SIGNATURE OF PRINCIPAL EXECUTIVE		2011	
CUMPIENT AND EXPLANATION OF ANY VIOLATIONS	COMPENI AND EXPLANATION OF ANY VIOLATIONS		(Reference all attachments here)	hments here)			WIELD HOLIN		TEAK	MO

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

DEDMITTEE MANEY (2000)

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different)

External Outfall

MAJOR (SUB 01)

DMR Mailing ZIP CODE: 99801

W/W Utilities Superintendent The reporting period was from 11/28/2010 through 12/25/2010 COMMENT AND EXPLANATION OF ANY VIOLATIONS Tom Trego NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were Percent Removal 81010 天 0 BOD, 5-day, percent removal Effluent Gross treatment plant See Comments Flow, in conduit or through 31616 W 0 50050 1 0 Coliform, fecal MF, broth 44.5 C Effluent Gross 31616 10 Coliform, fecal MF, broth 44.5 C Effluent Gross 00610 10 Nitrogen, ammonia total (as N) See Comments 00530 W0 Solids, Total suspended Raw Sewage Influent 00530 G 0 Solids, Total suspended ADDRESS: LOCATION FACILITY: NAME: TYPED OR PRINTED PARAMETER submitted is, to the best of my knowledge and belief, true, accurate, and complete or those persons directly responsible for gathering the information, the information including the possibility of fine and imprisonment for knowing violations. I am aware that there are significant penalties for submitting false information, submitted. Based on my inquiry of the person or persons who manage the system, to assure that the qualified personnel properly gather and evaluate the information prepared under my direction or supervision in accordance with the system designed JUNEAU-DOUGLAS TREATMENT PLANT 155 SOUTH SEWARD, JUNEAU, ALASKA 99801 JUNEAU, ALASKA 99801 JUNEAU, CITY AND BOROUGH OF MEASUREMENT Tom Trego, WW Utilities Superintendent REQUIREMENT REQUIREMENT MEASUREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT PERMIT SAMPLE PERMIT SAMPLE SAMPLE PERMIT SAMPLE PERMIT SAMPLE PERMIT SAMPLE PERMIT SAMPLE MO AVG MO AVG WKLY AVG 0.8733 ***** **** ***** 2.76 ***** ***** **** VALUE 52.3 ***** 13.5 ***** 1035 QUANTITY OR LOADING (Reference all attachments here) DAILY MAX Req. Mon. DAJLY MAX ***** 1.7700 **** ***** **** **** ***** 6.0 ***** ***** VALUE 13.5 ***** ***** ***** Mgal/d ***** ***** ***** ***** SLINA ***** ***** lb/d FROM b/d Nathan D. McCombs

DN: Cn=Nathan D. McCombs, o=CBJ. McCombs MN % RMV 97.7 ***** ***** ***** ***** ***** ***** ***** ***** VALUE 85 ***** ***** ***** 2010 ¥ PERMIT NUMBER QUALITY OR CONCENTRATION AK-002321-3 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT WKLY GEO Req. Mon, MO AVG WKLY AVG ***** Req. Mon MO AVG MO GEO ***** ***** **** 800 550 400 162.0 VALUE 17 1.8 45 7.0 드 email=nathan_mccombs@cl.juneau. ak.us, c=US Date: 2011.01.06 15:26:44 -09'00' ou=CBJ Public Utilities Req. Mon, DAILY MAX DAILY MAX ***** **** ***** ***** **** ***** 1200 550 **** **** ***** ***** VALUE NO DISCHARGE 1.8 DAY 28 MONITORING PERIOD Percent #100/ml #100/ml **** *** SLIND mg/L mg/L % mg/L 7 2011 YEAR 907 YEAR 2010 AREA 0 С 0 0 0 0 E S 0 OF ANALYSIS 586-0393 TELEPHONE Continuous Semi-annual *** DATE Monthly Weekly Weekly Monthly Monthly PHONE NUMBER 8 001 A DISCHARGE NUMBER 12 13 RCORDR CALCTD DAY COMP24 GRAB COMP24 COMP24 SAMPLE GRAB TYPE DAY 25

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

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

PERMITTEE NAME/ADDRESS(Include Facility name/Location if different)

DMR Mailing ZIP CODE: 99801 MAJOR

(SUB 01)

External Outfall
*** NO DISCHARGE

JUNEAU, ALASKA 99801 Tom Trego, WW Utilities Superintendent JUNEAU-DOUGLAS TREATMENT PLANT 155 SOUTH SEWARD, JUNEAU, ALASKA 99801 SAMPLE MEASUREMENT JUNEAU, CITY AND BOROUGH OF REQUIREMENT VALUE **** ***** QUANTITY OR LOADING VALUE **** ***** ***** SLIND ***** FROM MN % RMV VALUE 95.7 2010 85 ⋨ QUALITY OR CONCENTRATION AK-002321-3 PERMIT NUMBER VALUE ***** ***** 1 8 ***** VALUE ***** DAY 28 MONITORING PERIOD

YEAR
2010 PERCENT SLINO % E NO 0 FREQUENCY OF ANALYSIS MONTHLY 001 A DISCHARGE NUMBER 12 M SAMPLE TYPE CALCTD DAY 25

PERMIT

removal

Solids, Total suspended, percent

PARAMETER

FACILITY: LOCATION: ΑĦ

NAME: ADDRESS:

Percent removal

The reporting period was from 11/28/2010 through 12/25/2010	COMMENT AND EXPLANATION OF ANY VITOLATIONS	TYPED OR PRINTED				W/W Utilities Superintendent	Tom Trego		NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
(Reference all attachments here)	TONIC DE L'AND MAN TIME L'AND MAINE VIOLATIONS	including the possibility of fine and imprisonment for knowing false information,	ann aware that there are significant pointing for the first accurate, and complete.	submitted is, to the best of my knowledge and belief this accurate and committee	or those persons directly responsible for gathering the information, the information is a system,	and evaluate the information	to assure that the qualified personnel properly gather and and the system designed	Diepared under my direction or supervision in accordance with the content were	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were
	OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE	Date: 2011.01.06 15:27:39 -09:00'	MCCOTTIOS akus, c=US	ou=C8J Public Utilities, email=nathan_mccombs@ci.juneau.	UN: Ch=Nathan D. McCombs, o=CBJ,	Na Combs	Digitally signed by Nathan D.	
į	YEAR	2011				ARFA	907		
3	MO	1		DATE	PHONE NUMBER		586-0393	TELEPHONE	
0.72	DAY	10			JMBER				

W/W Utilities Superintendent COMMENT AND EXPLANATION OF ANY VIOLATIONS The reporting period was from 11/28/2010 through 12/25/2010. NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Effluent Gross EPA Form 3320-1 (03-99) Previous editions may be used.
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 31616 10 Coliform, fecal MF, broth 44.5 C PERMITTEE NAME/ADDRESS(Include Facility name/Location if different) DISCHARGE MONITORING REPORT (DMR) AT: LOCATION: NAME: FACILITY: ADDRESS: PARAMETER I certify under penalty of law that this document and all attachments were including the possibility of fine and imprisonment for knowing violations submitted is, to the best of my knowledge and belief, true, accurate, and complete. or those persons directly responsible for gathering the information, the information submitted. Based on my inquiry of the person or persons who manage the system to assure that the qualified personnel properly gather and evaluate the information prepared under my direction or supervision in accordance with the system designed am aware that there are significant penalties for submitting false information. JUNEAU, ALASKA 99801 JUNEAU, ALASKA 99801 JUNEAU-DOUGLAS TREATMENT PLANT Tom Trego, WW Utilities Superintendent 155 SOUTH SEWARD, JUNEAU, CITY AND BOROUGH OF MEASUREMENT REQUIREMENT PERMIT SAMPLE VALUE ***** **** QUANTITY OR LOADING (Reference all attachments here) (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED). VALUE ***** ***** SLIND FROM Nathan D. ***** VALUE 2010 ¥ PERMIT NUMBER SIGNATURE OF PRINCIPAL EXECUTIVE QUALITY OR CONCENTRATION OFFICER OR AUTHORIZED AGENT VALUE ***** ***** <u></u>≓ 중 email≡nathan_mccombs@cijuneau akus, c=US Date: 2011.01.06 15:29:33 -09'00' Digitally signed by Nathan D.
McCombs
DN: cn=Nathan D. McCombs, a=CBJ,
ou=CBJ Public Utilities, External Outfall UPSTREAM RECEIVING WATER (SUB 01) *** NO DISCHARGE *** NO DISCHARGE MAJOR DMR Mailing ZIP CODE: 99801 (SUB 01) DAILY MAX Req. Mon. VALUE 1.0 DAY 28 MONITORING PERIOD * ML100 SLINO 0 YEAR 907 2011 2010 YEAR CODE E O AREA C 40 586-0393 OF ANALYSIS FREQUENCY ELEPHONE *** PHONE NUMBER *** Mo Monthly 2 8 DISCHARGE NUMBER REC-1 SAMPLE TYPE DAY 10 **GRAB** DAY 25

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