

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

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

MAJOR (SUB 01) Form Approved. OMB No. 2040-0004
F - FINAL Approval Expires 05-31-98
EFFLUENT
*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

NAME: JUNEAU, CITY AND BOROUGH OF
ADDRESS: 155 SOUTH SEWARD, JUNEAU, ALASKA 99801
FACILITY: MENDENHALL VALLEY SERVICE AREA
LOCATION: JUNEAU, ALASKA 99801
ATT: Jim Westcott, Wastewater Utilities Supervisor

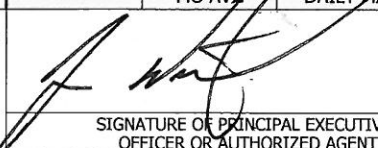
AK-002295-1
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD						
YR	MO	DAY	TO	YEAR	MO	DAY
2013	11	24		2013	12	28

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
00070 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	*****	11	44	(43)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	NTU		Continuous	RCORDR
00300 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	2.9	3.9	*****	(19)	0		
	PERMIT REQUIREMENT	*****	*****	****	Req. Mon. DAILY MN	Req. Mon. MO AVG	*****	19 mg/L		Once Per Month	GRAB
00310 1 0 Effluent Gross	MEASUREMENT	401	666	(26)	*****	22	33	(19)	0		
	PERMIT REQUIREMENT	1226 MO AVG	2452 DAILY MX	lb/d	*****	30 MO AVG	60 DAILY MX	19 mg/L		Twice Per Month	COMP24
00310 W 0 See Comments	MEASUREMENT	473	*****	(26)	*****	24	*****	(19)	0		
	PERMIT REQUIREMENT	1829 WKLY AVG	*****	lb/d	*****	45 WKLY AVG	*****	19 mg/L		Twice Per Month	COMP24
00400 1 0 Effluent Gross	MEASUREMENT	*****	*****	****	6.7	*****	7.0	(12)	0		
	PERMIT REQUIREMENT	*****	*****	****	6.5 INST MIN	*****	9.0 INST MAX	12 SU		Weekdays	GRAB
00410 1 7 Effluent Gross	MEASUREMENT	*****	*****	****	*****	140	140	(19)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	19 mg/L		Quarterly	COMP24
00530 1 0 Effluent Gross	MEASUREMENT	268	359	(26)	*****	15	20	(19)	0		
	PERMIT REQUIREMENT	1226 MO AVG	2452 DAILY MX	lb/d	*****	30 MO AVG	60 DAILY MX	19 mg/L		Twice Per Month	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Jim Westcott
Wastewater 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 907 586-0393
PHONE NUMBER: 586-0393
DATE: 2014 1 10
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS
* The reporting period was from 11/24/2013 - 12/28/2013.

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Solids, total suspended		307	*****	(26)	*****	16	*****	(19)	0		
00530 W 0 See Comments		1829 WKLY AVG	*****	lb/d	*****	45 WKLY AVG	*****	19 mg/L		Twice Per Month	COMP24
Nitrogen, ammonia total (as N)		246.5	246.5	(26)	*****	14	14	(19)	0		
00610 1 0 Effluent Gross		1164 MO AVG	1963 DAILY MX	lb/d	*****	28.5 MO AVG	48 DAILY MX	19 mg/L		Once Per Month	COMP24
Hardness, total (as CaCO3)		*****	*****	****	*****	69	69	(19)	0		
00900 1 6 Effluent Gross		*****	*****	****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	19 mg/L		Once Per Month	GRAB
Silver, total recoverable		NA	NA	(26)	*****	NA	NA	(28)	0		
01079 1 0 Effluent Gross		Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28 ug/L		Three Per Year	COMP24
Zinc, total recoverable		NA	NA	(26)	*****	NA	NA	(28)	0		
01094 1 0 Effluent Gross		Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28 ug/L		Three Per Year	COMP24
Lead, total recoverable		NA	NA	(26)	*****	NA	NA	(28)	0		
01114 1 0 Effluent Gross		Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	28 ug/L		Three Per Year	COMP24
Copper, total recoverable		0.282	0.282	(26)	*****	16	16	(28)	0		
01119 1 0 Effluent Gross		3.54 MO AVG	7.63 DAILY MX	lb/d	*****	86.7 MO AVG	187 DAILY MX	28 ug/L		Once Per Month	COMP24
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Jim Westcott Wastewater Utilities Supervisor									907 586-0393		
									PHONE NUMBER		
									DATE		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								2014	1	10
									YEAR	MO	DAY

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal - % sample exceeds limit 30500 O 0 See Comments	*****	*****			*****	*****	0	(23)	0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	10 DAILY MX	%		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 O 0 See Comments	*****	*****	****		*****	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	*****	161 MO GEO	Req. Mon. DAILY MX	13 #/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 P 0 See Comments	*****	*****	****		N/A	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	400 WKLY GEO	200 MO GEO	800 DAILY MX	#/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 Q 0 See Comments	*****	*****			N/A	N/A	N/A	(13)	0		
	PERMIT REQUIREMENT	*****	*****		400 WKLY GEO	200 MO GEO	800 DAILY MX	#/100mL		Twice Every Week	GRAB
Fecal coliform, MPN, EC med, 44.5 C 31615 R 0 See Comments	*****	*****	****		8	6	18	(13)	0		
	PERMIT REQUIREMENT	*****	*****	****	800 WKLY GEO	400 MO GEO	1200 DAILY MX	#/100mL		Twice Every Week	GRAB
Floating solids or visible foam-visual 45613 1 0 Effluent Gross	*****	*****			*****	*****	0		0		
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	f=1 ; N=0		Once Per Month	VISUAL
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	*****	*****	(03)		*****	*****	*****	****	0		
	PERMIT REQUIREMENT	Req. Mon. MO AVG	4.9 DAILY MX	3 Mgal/d	*****	*****	*****	****		Continuous	RCORDR

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YR	MO	DAY	TO	YEAR	MO	DAY
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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Chlorine, total residual		N/A	N/A	(26)	*****	N/A	N/A	(28)	0		
50060 S 0 See Comments	PERMIT REQUIREMENT	4.09 MO AVG	4.09 DAILY MX	lb/d	*****	100 MO AVG	100 DAILY MX	ug/l		QUARTERLY	COMP24
Dilution factor		*****	*****	****	1	31	*****	ug/L	0		
80093 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	Req. Mon. DAILY MN	Req. Mon. MO AVG	*****	1U		DAILY	MEASRD
BOD,5-day, percent removal		*****	*****	****	92	*****	*****	(23)	0		
81010 K 0 Percent Removal	PERMIT REQUIREMENT	*****	*****	****	85 MN % RMV	*****	*****	23 %		Once Per Month	CALCTD
Solids, suspended percent removal		*****	*****	****	92	*****	*****	(23)	0		
81011 K 0 0 Percent Removal	PERMIT REQUIREMENT	*****	*****	****	85 MN % RMV	*****	*****	23 %		Once Per Month	CALCTD
Chlorine usage		N/A	*****	(26)	*****	*****	*****		0		
81400 X 0 End of Chlorine Contact Chamber	PERMIT REQUIREMENT	Req. Mon. MO AVG	*****	lb/d	*****	*****	*****			DAILY	MEASRD
Oil and grease visual		*****	*****	****	*****	*****	0	(93)	0		
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MX	occur/mo		Once Per Month	VISUAL
Toxicity, Chronic		*****	*****	****	*****	*****	0	(2G)	0		
TT000 1 8 Effluent Gross	PERMIT REQUIREMENT	*****	*****	****	*****	*****	Req. Mon. DAILY MX	tox chronic		Semiannual	COMP24
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								YEAR	MO	DAY	

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RECEIVING WATER MONITORING ANNUAL REPORT

Mendenhall Wastewater Treatment Facility

Juneau, Alaska

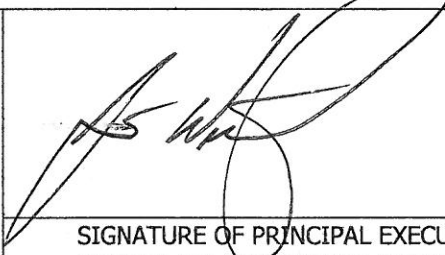
2013

EPA Report

Month	Day Sample collected	FLOWS			DOWNSTREAM									UPSTREAM												
		Plant Effluent mgd	River Flow cfs	Receiving water dilution	Fecal Center	Temp °C	pH	D.O. mg/L	Turbid. NTU	Copper ug/L	NH3 mg/L	Hard mg/L	Fecal Center	Temp °C	pH	D.O. mg/L	Turbid. NTU	Copper ug/L	Lead ug/L	Silver ug/L	Zinc ug/L	NH3 mg/L	Hard mg/L	Alk mg/L		
Jan	1/29/2013	2.34	159	44.9	/1	3	-3.2	6.9	12.9	N/A	N/A	N/A	450	2	-4.2	6.9	13.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	510	37
Feb	2/13/2013	2.45	32	9.4	/1	2	-1.2	7.2	12.8	N/A	N/A	N/A	410	2	N/A	6.7	12.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	567	31
Mar	3/13/2013	2.14	19	6.7	/1	1	-2.6	7.5	11.5	N/A	N/A	N/A	1460	2	-6.2	7.5	11.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1480	47
Apr	4/24/2013	1.76	21	8.7	/1	2	2.4	7.3	11.2	N/A	N/A	N/A	768	4	0.8	7.3	11.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	756	44
May	5/14/2013	2.43	284	622	/1	2	2.6	7.4	12.8	20	1.30	0.17	21	4	2.6	7.4	12.7	19	1.5	ND	ND	2.00	0.62	26	23	
Jun	6/12/2013	2.04	779	584	/1	2	6.0	7.0	13.0	91	6.70	-0.11	15	4	6.3	7.3	13.1	82	5.2	N/A	N/A	N/A	0.00	15	13	
Jul	7/12/2013	2.08	1610	1299	/1	4	3.3	6.9	12.2	119	0.0	11.0	72	7	3.4	6.7	13.5	116	ND	N/A	N/A	N/A	0.0	9	8	
Aug	8/23/2013	1.81	1930	689.8	/1	3	6.4	6.2	4.2	N/A	N/A	N/A	12	6	1.8	6.1	13.1	N/A	N/A	N/A	N/A	N/A	N/A	11	ND	
Sep	9/19/2013	2.30	2310	649.8	/1	4	3.5	7.3	12.6	N/A	N/A	N/A	25	10	3.6	7.3	13.1	N/A	N/A	N/A	N/A	N/A	N/A	25	ND	
Oct	10/25/2013	2.98	958	208.7	/1	8	12.7	7.6	3.3	168	0.9	0.4	28	2	12.9	7.8	3.5	181	1.4	0.2	ND	7.5	0.2	28	ND	
Nov	11/18/2013	2.18	19	6.6	/1	5	NA	7.8	12.7	N/A	N/A	N/A	210	2	NA	7.3	11.3	N/A	N/A	N/A	N/A	N/A	N/A	400	50	
Dec	12/17/2013	2.11		1.0	/1	2	N/A	6.9	3.9	N/A	N/A	N/A	150	3	N/A	7.7	8.9	N/A	N/A	N/A	N/A	N/A	N/A	180	35	

Comments: Copper, lead, silver, and zinc are analyzed as dissolved metals

Permit # AK-002295-1

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