

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

NO DISCHARGE

PERMITTEE NAME/ADDRESS		AK-002321-3		001 A	
NAME:		PERMIT NUMBER		DISCHARGE NUMBER	
ADDRESS:		MONITORING PERIOD (calendar month)			
FACILITY:		YR	MO	DAY	YEAR
LOCATION:		2000	03	01	2000
		to			
		MAJOR (SUBR 01)			
PARAMETER	QUANTITY OR LOADING	QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS
	AVERAGE	MINIMUM	AVERAGE		
TU STAT 1HR CHR DEND	*****	N/A	*****	0	
MEASUREMENT	*****	REPORT	*****		
RASTER EXCENTRICUS	*****				
TKF3N 1 0 0	*****				
EFFLUENT GROSS VALUE	*****				
TU STAT 48HR CHR MYTIL	*****	N/A	*****	0	
MEASUREMENT	*****				
US GALLOPROVINCIALIS	*****				
TKG3P 1 0 0	*****	REPORT	*****		
EFFLUENT GROSS VALUE	*****				
TEMPERATURE, WATER	*****	*****	9.6	0	1/DAY
DEG. CENTIGRADE	*****				
00010 1 0 0	*****	*****			
EFFLUENT GROSS VALUE	*****	*****			
BOD, 5-DAY	1550	*****	123	0	1/WK
(20 DEG. C)	*****				
00310 G 0 0	*****	*****			
RAW SEW / INFLUENT	*****	*****			
BOD, 5-DAY	165	*****	14	0	1/WK
(20 DEG. C)	*****				
00310 1 0 0	*****	*****			
EFFLUENT GROSS VALUE	*****	*****			
pH	*****	*****			
00400 1 0 0	*****	*****			
EFFLUENT GROSS VALUE	*****	*****			
SOLIDS, TOTAL	2071	*****	147	0	1/DAY
SUSPENDED	*****				
00530 G 0 0	*****	*****			
RAW SEW / INFLUENT	*****	*****			

NAME/TITLE PRINCIPAL EXEC. OFFICER: Andrew W. Brown  
 ANDREW BRONSON, Wastewater Util. Supt.  
 TELEPHONE: (907) 789-9919  
 YEAR: 2000 MONTH: 04 DAY: 07  
 COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter dated April 3, 2000.  
 Reporting the period: February 27 through April 1  
 PG 1 OF 3

"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."

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PERMITTEE NAME/ADDRESS		AK-002321-3		001 A	
NAME:		PERMIT NUMBER		DISCHARGE NUMBER	
ADDRESS:		MONITORING PERIOD (calendar month)		YEAR MONTH DAY	
FACILITY:		YEAR MONTH DAY		2000 03 01	
LOCATION:		to		2000 03 31	
JUNEAU, CITY AND BOROUGH OF		MAJOR (SUBR 01)			
155 SOUTH SEWARD STREET					
JUNEAU, ALASKA 99801					
JUNEAU-DOUGLAS TREATMENT PLANT					
JUNEAU, AK 99801					

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	MIN.	AVERAGE			
SOLIDS, TOTAL SUSPENDED	185	279	*****	13	19	(19)	24 HR COMP
00530 1 0 0	690	1035	*****	30	45	mg/L	COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	N/A	(19)	GRAB
NITROGEN, AMMONIA	*****	*****	*****	*****	REPORT INST MAX	mg/L	GRAB
TOTAL (AS N)	*****	*****	*****	*****	N/A	(28)	GRAB
00610 1 0 0	*****	*****	*****	1.4	3.8	ug/L	COMP24
EFFLUENT GROSS VALUE	*****	*****	*****	*****	N/A	(28)	GRAB
ARSENIC, TOTAL RECOVERABLE	*****	*****	*****	18.5	26.7	ug/L	COMP24
00978 1 0 0	*****	*****	*****	8	112	(13)	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	400	800	#	GRAB
COPPER	*****	*****	*****	30DA GEO	7 DA GEO	100ml	RCORDR
TOTAL RECOVERABLE	1.769	*****	*****	*****	*****	*****	RCORDR
01119 1 0 0	REPORT	*****	*****	*****	*****	*****	RCORDR
EFFLUENT GROSS VALUE	MO AVG	*****	*****	161	203	(28)	GRAB
COLIFORM, FECAL MF.	*****	*****	*****	*****	*****	*****	GRAB
M-FC BROTH, 44.5C	*****	*****	*****	250*	450*	ug/L	GRAB
31616 1 0 0	*****	*****	*****	*****	*****	*****	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	*****	*****	*****	*****	*****	GRAB
50050 1 0 0	*****	*****	*****	*****	*****	*****	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	GRAB
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****	GRAB
50060 1 0 1	*****	*****	*****	*****	*****	*****	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	GRAB

NAME/TITLE PRINCIPAL EXEC. OFFICER		TELEPHONE		YEAR MONTH DAY	
ANDREW BRONSON, Wastewater Util. Supt.		(907) 789-9919		2000 04 07	
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Reporting the period: February 27 through April 1					

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

NO DISCHARGE

PERMITTEE NAME/ADDRESS: JUNEAU, CITY AND BOROUGHS OF  
 155 SOUTH SEWARD STREET  
 JUNEAU, AK 99801  
 FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT  
 LOCATION: JUNEAU, AK 99801

PERMIT NUMBER: AK-002321-3  
 DISCHARGE NUMBER: 001 A

MONITORING PERIOD (calendar month):  
 YR 2000 MO 03 DAY 01 to YR 2000 MO 03 DAY 31  
 MAJOR (SUBR 01)

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM UNITS	MINIMUM	AVERAGE			
BOD, 5-DAY PERCENT REMOVAL	*****	*****	89.3	*****	0	1/MO	CALC
81010 K 0 0 PERCENT REMOVAL	*****	****	85 MO AVG	*****		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****	91.1	*****	0	1/MO	CALC
81011 K 0 0 PERCENT REMOVAL	*****	****	85 MO AVG	*****		ONCE/MONTH	CALCTD
SAMPLE MEASUREMENT PERMIT REQUIREMENT							
SAMPLE MEASUREMENT PERMIT REQUIREMENT							
SAMPLE MEASUREMENT PERMIT REQUIREMENT							
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NAME/TITLE: PRINCIPAL EXEC. OFFICER  
 ANDREW BRONSON, Wastewater Util. Sup't.  
 TELEPHONE: (907) 789-9919

REPORTING PERIOD: February 27 through April 1

COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter dated April 3, 2000.

REPORTING PERIOD: February 27 through April 1

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NO DISCHARGE

PERMITTEE NAME/ADDRESS		JUNEAU, CITY AND BOROUGHS OF 155 SOUTH SEWARD STREET JUNEAU, AK 99801		AK-002321-3		PERMIT NUMBER		REC 1		DISCHARGE NUMBER	
NAME:		JUNEAU, CITY AND BOROUGHS OF		MONITORING PERIOD (calendar month)		YEAR		MO		DAY	
ADDRESS:		155 SOUTH SEWARD STREET		YR		MO		DAY		31	
FACILITY:		JUNEAU-DOUGLAS TREATMENT PLANT		2000		03		01		2000	
LOCATION:		JUNEAU, AK 99801		2000		03		01		2000	
PARAMETER		AVERAGE		MAXIMUM		UNITS		QUANTITY OR CONCENTRATION		AVERAGE	
TEMPERATURE, WATER		*****		*****		*****		N/A		(04)	
DEG. CENTIGRADE		*****		*****		*****		REPORT		DEG.C	
00010 1 0 0		*****		*****		*****		N/A		(12)	
EFFLUENT GROSS VALUE		*****		*****		*****		REPORT		SU	
pH		*****		*****		*****		N/A		(22)	
00400 1 0 0		*****		*****		*****		REPORT		PPT	
EFFLUENT GROSS VALUE		*****		*****		*****		N/A		(19)	
SALINITY		*****		*****		*****		REPORT		mg/L	
00480 1 0 0		*****		*****		*****		N/A		(13)	
EFFLUENT GROSS VALUE		*****		*****		*****		REPORT		#/	
NITROGEN, AMMONIA		*****		*****		*****		N/A		100mL	
TOTAL (AS N)		*****		*****		*****		REPORT			
00610 1 0 0		*****		*****		*****		N/A			
EFFLUENT GROSS VALUE		*****		*****		*****		REPORT			
COLIFORM, FECAL MF,		*****		*****		*****		N/A			
M-FC BROTH, 44.5C		*****		*****		*****		REPORT			
31616 0 1 0		*****		*****		*****		N/A			
SEE COMMENT BELOW		*****		*****		*****		REPORT			

PARAMETER	AVERAGE	MAXIMUM	UNITS	QUANTITY OR CONCENTRATION	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
TEMPERATURE, WATER	*****	*****	*****	*****	*****	*****	(04)	0	1/QTR	GRAB
DEG. CENTIGRADE	*****	*****	*****	*****	*****	*****	DEG.C	0	QTRLY	GRAB
00010 1 0 0	*****	*****	*****	*****	*****	*****	(12)	0	1/QTR	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	SU	0	QTRLY	GRAB
pH	*****	*****	*****	*****	*****	*****	(22)	0	1/QTR	GRAB
00400 1 0 0	*****	*****	*****	*****	*****	*****	PPT	0	QTRLY	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	(19)	0	1/QTR	GRAB
SALINITY	*****	*****	*****	*****	*****	*****	mg/L	0	1/QTR	GRAB
00480 1 0 0	*****	*****	*****	*****	*****	*****	(13)	0	1/QTR	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	#/	0	QTRLY	GRAB
NITROGEN, AMMONIA	*****	*****	*****	*****	*****	*****	100mL			
TOTAL (AS N)	*****	*****	*****	*****	*****	*****				
00610 1 0 0	*****	*****	*****	*****	*****	*****				
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****				
COLIFORM, FECAL MF,	*****	*****	*****	*****	*****	*****				
M-FC BROTH, 44.5C	*****	*****	*****	*****	*****	*****				
31616 0 1 0	*****	*****	*****	*****	*****	*****				
SEE COMMENT BELOW	*****	*****	*****	*****	*****	*****				

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NAME/TITLE PRINCIPAL EXEC. OFFICER: *Andrew W. Bronson* TELEPHONE: (907) 789-9919 YEAR: 2000 MONTH: 04 DAY: 07

ANDREW BRONSON, Wastewater Util. Sup't.

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AMBIENT SAMPLING FOR FECAL COLIFORM (SEASON 1 = MARCH - AUGUST AND SEASON 2 = SEPTEMBER - FEBRUARY) SHALL BE CONDUCTED JUST OUTSIDE THE MIXING ZONE. Reporting the period: February 27 through April 1 (Season 1 = 31616 0 1 0 and season 2 = 31616 0 2 0) PG 1 OF 1

**CITY / BOROUGH OF JUNEAU  
JUNEAU-DOUGLAS WASTEWATER TREATMENT PLANT**

**SUMMARY REPORT for the REPORTING MONTH of  
MARCH 2000**

**PLANT EFFLUENT FLOW:**

TOTAL FLOW (calendar month)	_____	56.689 MG
AVERAGE (reporting period)	_____	1.769 MG
MAXIMUM (reporting period)	_____	3.234 MG
MINIMUM (reporting period)	_____	0.946 MG

**PLANT PERFORMANCE:**

EFFLUENT BOD MONTHLY AVERAGE	_____	14 mg/L
OVERALL MONTHLY BOD REMOVAL	_____	89.3 PERCENT
AVERAGE BOD REMOVED DAILY	_____	1384.9 POUNDS

EFFLUENT TSS MONTHLY AVERAGE	_____	13 mg/L
OVERALL MONTHLY TSS REMOVAL	_____	91.1 PERCENT
AVERAGE TSS REMOVED DAILY	_____	1886.2 POUNDS

**SLUDGE QUANTITIES:**

SLUDGE WASTED TO DIGESTER	_____	0.554793 MG
DIGESTER SLUDGE TO BELT FILTER PRESS	_____	0.456350 MG

**CHEMICAL & UTILITIES:**

CHLORINE USED	_____	1330 POUNDS
KILOWATT HOURS USED (calendar month)	_____	79400 KWH