

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

NO DISCHARGE

PERMITTEE NAME/ADDRESS

NAME: JUNEAU, CITY AND BOUROUGH OF  
ADDRESS: 155 SOUTH SEWARD STREET  
JUNEAU, AK 99801

FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT  
LOCATION: JUNEAU, AK 99801

PARAMETER

AK-002321-3	001 A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD (calendar month)	
YR 2001	MO 02
DAY 01	YEAR 2001
to	MO 02
	DAY 28
MAJOR (SUBR 01)	

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TU STAT 1HR CHR DEND	MEASUREMENT	*****	*****		N/A	*****	*****	(73)	0	24 HR COMP
RASTER EXCENTRICUS	PERMIT REQUIREMENT	*****	*****	****	REPORT	*****	*****	TOXIC UNITS		24 HR COMP
TKF3N 1 0 0	PERMIT REQUIREMENT	*****	*****	****	N/A	*****	*****	TOXIC UNITS	0	24 HR COMP
US GALLOPROVINCIALS	MEASUREMENT	*****	*****	****	REPORT	*****	*****	TOXIC UNITS		24 HR COMP
TKG3P 1 0 0	PERMIT REQUIREMENT	*****	*****	****	REPORT	*****	*****	TOXIC UNITS		24 HR COMP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	9.2	10.7	(04)	DEG.C	0	1/DAY GRAB
TEMPERATURE, WATER	PERMIT REQUIREMENT	*****	*****	****	REPORT	*****	*****	DEG.C		1/DAY GRAB
DEG. CENTIGRADE	MEASUREMENT	*****	*****	****	30DA AVG	REPORT	*****	DEG.C		DAILY GRAB
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	****	140	*****	(19)		0	1/WK COMP
BOD, 5-DAY	MEASUREMENT	1749	*****	(26)	REPORT	*****	*****	mg/L		1/WK COMP
(20 DEG. C)	PERMIT REQUIREMENT	*****	*****	****	REPORT	*****	*****	mg/L		1/WK COMP
00310 G 0 0	PERMIT REQUIREMENT	*****	*****	****	15	15	(19)		0	1/WK COMP
RAW SEW / INFLUENT	SAMPLE MEASUREMENT	187	187	(26)	30	45	(12)	mg/L	0	1/DAY GRAB
BOD, 5-DAY	PERMIT REQUIREMENT	*****	*****	****	6.7	7.3	(12)	mg/L		1/DAY GRAB
(20 DEG. C)	MEASUREMENT	690	1035	*****	6.0	8.5	(19)	SU	0	1/DAY GRAB
00310 1 0 0	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	*****	SU		1/DAY GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3634	*****	(26)	332	*****	(19)		0	1/DAY GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****			1/DAY GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****			1/DAY GRAB
SOLIDS, TOTAL	SAMPLE MEASUREMENT	3634	*****	(26)	*****	*****	(19)		0	1/DAY GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****			1/DAY GRAB
00530 G 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****			1/DAY GRAB
RAW SEW / INFLUENT	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****			1/DAY GRAB

"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."

NAME/TITLE PRINCIPAL EXEC. OFFICER: Andrew W. Brown  
TELEPHONE: (907) 789-9919  
YEAR: 2001  
MONTH: 03  
DAY: 09

COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter regarding effluent TSS.

Reporting the period: February 04 Through March 03  
PG 1 OF 3

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

NO DISCHARGE

PERMITTEE NAME/ADDRESS: JUNEAU, CITY AND BOURGHOUGH OF  
155 SOUTH SEWARD STREET  
JUNEAU, ALASKA 99801

NAME: JUNEAU, CITY AND BOURGHOUGH OF  
ADDRESS: 155 SOUTH SEWARD STREET  
JUNEAU, ALASKA 99801

FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT

LOCATION: JUNEAU, AK 99801

AK-002321-3  
PERMIT NUMBER: 001 A

MONITORING PERIOD (calendar month):  
YEAR: 2001 MONTH: 02 DAY: 01 to YEAR: 2001 MONTH: 02 DAY: 28

DISCHARGE NUMBER: 001 A

MAJOR (SUBR 01)

PARAMETER	QUANTITY OR LOADING	AVERAGE		UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE	
		MIN.	MAXIMUM		AVERAGE	MAXIMUM	UNITS				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	289	658	(26)	*****	18	27	(19)	0	1/MO	24 HR COMP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	690	1035		*****	30	45		0	ONCE/MONTH	COMP24
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	*****		*****	MO AVG	N/A	(19)	0	1/QTR	GRAB
00610 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT INST MAX			QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	N/A	N/A	(28)	0	1/QTR	24HR COMP
ARSENIC, TOTAL RECOV ERABLE	PERMIT REQUIREMENT	*****	*****		*****	1.4	3.8			QTRLY	COMP24
00978 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	MO AVG	WKLY AVG	(28)	0	1/QTR	24HR COMP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	11.5	12.0	(28)		1/QTR	24HR COMP
COPPER TOTAL RECOVERABLE	PERMIT REQUIREMENT	*****	*****		*****	18.5	26.7			QTRLY	COMP24
01119 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	MO AVG	WKLY AVG	(13)	0	1/WK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	5	50			WEEKLY	GRAB
FECAL COLIFORM, MPN, EC MED, 44.5C	PERMIT REQUIREMENT	*****	*****		*****	400	800			CONTINUOUS	RECORDR
31615 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	30DA GEO	7 DA GEO	100ml	0	CONT	RECORDR
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1,374	*****	(03)	*****	*****	*****			CONT	RECORDR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	*****	*****		*****	NOTE	NOTE	(28)	0	CONTINUOUS	RECORDR
50050 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	NOTE	NOTE			CONTINUOUS	RECORDR
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	NOTE	NOTE			CONTINUOUS	RECORDR
CHLORINE, TOTAL RESIDUAL	PERMIT REQUIREMENT	*****	*****		*****	NOTE	NOTE			CONTINUOUS	RECORDR
50060 1 0 1	ADMIN PERMIT REQUIREMENT	*****	*****		*****	NOTE	NOTE			CONTINUOUS	RECORDR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****		*****	NOTE	NOTE			CONTINUOUS	RECORDR

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NAME/TITLE PRINCIPAL EXEC. OFFICER: Andrew W. Snowman

TELEPHONE: (907) 789-9919

YEAR: 2001 MONTH: 03 DAY: 09

COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter regarding effluent TSS.

Reporting the period: February 04 Through March 03

NOTE = Chlorine no longer used to disinfect the plant effluent. PG 2 OF 3

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LOCATION: JUNEAU, AK 99801

AK-002321-3  
PERMIT NUMBER: 001 A

MONITORING PERIOD (calendar month)  
YR: 2001 MO: 02 DAY: 01 to YR: 2001 MO: 02 DAY: 28

DISCHARGE NUMBER: 001 A

MAJOR (SUBR 01)

PARAMETER	SAMPLER	QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		89.3	*****	*****	0	1/MO	CALC
81010 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MO AVG	*****	*****		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	****	92.0	*****	*****	0	1/MO	CALC
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MO AVG	*****	*****		ONCE/MONTH	CALCTD
PERCENT REMOVAL	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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NAME/TITLE PRINCIPAL EXEC. OFFICER: Andrew W. Bronson

TELEPHONE: (907) 789-9919

YEAR: 2001 MONTH: 03 DAY: 09

COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter regarding effluent TSS.

Reporting the period: February 04 Through March 03

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

NO DISCHARGE

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

AK-002321-3  
 PERMIT NUMBER: 2001  
 MONITORING PERIOD (calendar month): YR 2001 MO 02 DAY 01 to YR 2001 MO 02 DAY 28  
 DISCHARGE NUMBER: REC 1  
 MAJOR (SUBR 01)

PARAMETER	MEASUREMENT	QUANTITY OR LOADING		MINIMUM	QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		AVERAGE	MAXIMUM			
TEMPERATURE, WATER	SAMPLE MEASUREMENT	*****	*****	*****	N/A	(04)	0	1/QTR	GRAB
DEG. CENTIGRADE	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
00010 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	REPORT				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
pH	SAMPLE MEASUREMENT	*****	*****	*****	N/A	(12)	0	1/QTR	GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	N/A	(22)	0	1/QTR	GRAB
SALINITY	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
00480 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	REPORT				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
NITROGEN, AMMONIA	SAMPLE MEASUREMENT	*****	*****	*****	N/A	(19)	0	1/QTR	GRAB
TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
00610 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	REPORT				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
FECAL COLIFORM, MPN,	SAMPLE MEASUREMENT	*****	*****	*****	N/A	(13)	0	1/QTR	GRAB
EC MED, 44.5C	PERMIT REQUIREMENT	*****	*****	*****	REPORT				
31616 0 2 0	SAMPLE MEASUREMENT	*****	*****	*****	REPORT	100mL			
SEE COMMENT BELOW	PERMIT REQUIREMENT	*****	*****	*****	REPORT				

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NAME/TITLE PRINCIPAL EXEC. OFFICER: Andrew W. Brown  
 ANDREW BRONSON, Wastewater Util. Supt.  
 TELEPHONE: (907) 789-9919  
 COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letter regarding effluent TSS.  
 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 04 Through March 03  
 (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  
 FEBRUARY 2001**

**PLANT EFFLUENT FLOW:**

39.881 MG	_____	TOTAL FLOW (calendar month)
1.374 MG	_____	AVERAGE (reporting period)
3.746 MG	_____	MAXIMUM (reporting period)
0.938 MG	_____	MINIMUM (reporting period)

**PLANT PERFORMANCE:**

15 mg/L	_____	EFFLUENT BOD MONTHLY AVERAGE
89.3 PERCENT	_____	OVERALL MONTHLY BOD REMOVAL
1561.7 POUNDS	_____	AVERAGE BOD REMOVED DAILY

18 mg/L	_____	EFFLUENT TSS MONTHLY AVERAGE
92.0 PERCENT	_____	OVERALL MONTHLY TSS REMOVAL
3344.3 POUNDS	_____	AVERAGE TSS REMOVED DAILY

**SLUDGE QUANTITIES:**

0.440927 MG	_____	SLUDGE WASTED TO DIGESTER
0.248100 MG	_____	DIGESTER SLUDGE TO BELT FILTER PRESS

**CHEMICAL & UTILITIES:**

89960 KWH	_____	KILOWATT HOURS USED (calendar month)
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