

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, AK 99801	AK-002321-3	001 A
NAME:	JUNEAU, CITY AND BOURGHOUGH OF	PERMIT NUMBER	001 A
ADDRESS:	155 SOUTH SEWARD STREET JUNEAU, AK 99801	MONITORING PERIOD (calendar month)	YEAR MO DAY
FACILITY:	JUNEAU-DOUGLAS TREATMENT PLANT	YR MO DAY	2001 04 01 to 2001 04 30
LOCATION:	JUNEAU, AK 99801	MAJOR (SUBR 01)	
DISCHARGE NUMBER		DISCHARGE NUMBER	001 A

PARAMETER	QUANTITY OR LOADING	QUALITY OR CONCENTRATION		NO. OF ANALYSIS	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM				MINIMUM	AVERAGE
TU STAT 1HR CHR DEND RASTER EXCENTRICUS	SAMPLE MEASUREMENT	*****	*****	N/A	*****	(73)	0	24 HR COMP
TKF3N 1 0 0	PERMIT REQUIREMENT	*****	*****	REPORT	*****	TOXIC UNITS	0	24 HR COMP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	N/A	*****	(73)	0	24 HR COMP
TU STAT 48HR CHR MYTIL US GALLOPROVINCIALIS	PERMIT REQUIREMENT	*****	*****	REPORT	*****	TOXIC UNITS	0	1/DAY GRAB
TKG3P 1 0 0	PERMIT REQUIREMENT	*****	*****	REPORT	*****	TOXIC UNITS	0	1/DAY GRAB
TEMPERATURE, WATER	SAMPLE MEASUREMENT	*****	*****	11.0	12.1	(04)	0	1/DAY GRAB
DEG. CENTIGRADE	PERMIT REQUIREMENT	*****	*****	REPORT 30DA AVG	REPORT DAILY MAX	DEG. C	0	1/MO COMP
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	165	*****	(19)	0	1/MO COMP
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	1793	*****	*****	*****	(19)	0	1/MO COMP
00310 G 0 0	PERMIT REQUIREMENT	*****	*****	REPORT MO AVG	*****	mg/L	0	ONCE/ MONTH COMP
RAW SEW / INFLUENT	SAMPLE MEASUREMENT	213	372	*****	*****	(19)	0	1/MO COMP
BOD, 5-DAY (20 DEG. C)	PERMIT REQUIREMENT	*****	*****	30	45	mg/L	0	ONCE/ MONTH COMP
00310 1 0 0	PERMIT REQUIREMENT	690	1035	*****	*****	(12)	0	1/DAY GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	6.3	6.8	(12)	0	1/DAY GRAB
pH	PERMIT REQUIREMENT	*****	*****	6.0	8.5	SU	0	WEEK DAYS GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	(19)	0	1/DAY COMP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3807	*****	*****	*****	(19)	0	24 HR COMP
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	*****	*****	*****	*****	mg/L	0	ONCE/ MONTH COMP
00530 G 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	mg/L	0	ONCE/ MONTH COMP
RAW SEW / INFLUENT	REPORT MO AVG	*****	*****	*****	*****	*****	*****	*****

"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: Ernie Mueller TELEPHONE: (907) 789-9919 YEAR: 2001 MONTH: 05 DAY: 08

ERNE MUELLER, Director of Public Works

COMMENT AND EXPLANATION OF ANY VIOLATIONS: See attached violation letters dated 4/6, 4/9, 4/9 and 5/7.

Reporting the period: April 1 through April 28, 2001

PG 1 OF 3

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

NO DISCHARGE

PERMITTEE NAME/ADDRESS

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

FACILITY: JUNEAU-DOUGLAS TREATMENT PLANT

LOCATION: JUNEAU, AK 99801

AK-002321-3

PERMIT NUMBER

MONITORING PERIOD (calendar month)

YEAR MONTH DAY
2001 04 01

to YEAR MONTH DAY
2001 04 30

MAJOR (SUBR 01)

001 A

DISCHARGE NUMBER

YEAR MONTH DAY
2001 04 30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			UNITS	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	#/DAY		MIN.	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED	PERMIT	364	639	(26)	*****	30	56	(19)	7	1/DAY	24 HR COMP
00530 1 0 0	PERMIT	690	1035		*****	30	45		0	ONCE/MONTH	COMP24
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	MO AVG	0.26	WPLY AVG	0	1/QTR	GRAB
NITROGEN, AMMONIA	SAMPLE	*****	*****		*****	*****	*****		0	1/QTR	GRAB
TOTAL (AS N)	MEASUREMENT	*****	*****		*****	*****	*****		0	QTRLY	GRAB
00610 1 0 0	PERMIT	*****	*****		*****	*****	*****		0	1/QTR	24HR COMP
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	1.2	1.2	(28)	0	1/QTR	COMP
ARSENIC, TOTAL RECOV	SAMPLE	*****	*****		*****	*****	*****		0	QTRLY	COMP24
ERABLE	MEASUREMENT	*****	*****		*****	1.4	3.8	ug/L	2	QTRLY	COMP24
00978 1 0 0	PERMIT	*****	*****		*****	MO AVG	60.5	WPLY AVG	2	2/MO	24HR COMP
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	*****	*****		0	QTRLY	COMP24
COPPER	SAMPLE	*****	*****		*****	18.5	26.7	ug/L	0	1/WK	GRAB
TOTAL RECOVERABLE	MEASUREMENT	*****	*****		*****	7	30	(13)	0	1/WK	GRAB
01119 1 0 0	PERMIT	*****	*****		*****	*****	*****		0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	400	800	#	0	CONT.	RCORDR
FECAL COLIFORM, MPN, EC MED, 44.5C	SAMPLE	*****	*****		*****	30DA GEO	7 DA GEO	100mL	0	CONT.	RCORDR
31615 1 0 0	PERMIT	*****	*****		*****	*****	*****		0	CONT.	RCORDR
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	*****	*****		0	CONT.	RCORDR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE	1.251	*****	(03)	*****	*****	*****		0	CONT.	RCORDR
50050 1 0 0	PERMIT	*****	*****		*****	*****	*****		0	CONT.	RCORDR
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	*****	*****		0	CONT.	RCORDR
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	NOTE	NOTE	(28)	0	CONT.	RCORDR
50060 1 0 1	ADMIN PERMIT	*****	*****		*****	*****	*****		0	CONT.	RCORDR
EFFLUENT GROSS VALUE	REQUIREMENT	*****	*****		*****	*****	*****		0	CONT.	RCORDR

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NAME/TITLE PRINCIPAL EXEC. OFFICER

ERINIE MUELLER, Director of Public Works



TELEPHONE

(907) 789-9919

YEAR

2001

MONTH

05

DAY

08

COMMENT AND EXPLANATION OF ANY VIOLATIONS:

See attached violation letters dated 4/6, 4/9, 4/9 and 5/7.

Reporting the period:

April 1 through April 28, 2001

NOTE = Chlorine no longer used to disinfect the plant effluent. PG 2 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, AK 99801	AK-002321-3	REC 1
NAME:	JUNEAU, CITY AND BOURGHOUGH OF	PERMIT NUMBER	DISCHARGE NUMBER
ADDRESS:	155 SOUTH SEWARD STREET JUNEAU, AK 99801	MONITORING PERIOD (calendar month)	YEAR MONTH DAY
FACILITY:	JUNEAU-DOUGLAS TREATMENT PLANT	YR MO DAY	2001 04 30
LOCATION:	JUNEAU AK 99801	to	2001 04 30
PARAMETER		MAJOR (SUBR 01)	

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	5.4	(04)	0	1/QTR	GRAB
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	7.94	(12)	0	1/QTR	GRAB
pH	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	7.94			QTRLY	GRAB
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	41.8	(22)	0	1/QTR	GRAB
SALINITY	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
00480 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	<0.10	(19)	0	1/QTR	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
00610 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	5	(13)	0	1/QTR	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB
FECAL COLIFORM, MPN, EC MED, 44.5C	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT	#		QTRLY	GRAB
31616 0 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT	100mL		QTRLY	GRAB
SEE COMMENT BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	REPORT			QTRLY	GRAB

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NAME/TITLE PRINCIPAL EXEC. OFFICER	ERINIE MUELLER, Director of Public Works	TELEPHONE	YEAR	MONTH	DAY
		(907) 789-9919	2001	05	08
COMMENT AND EXPLANATION OF ANY VIOLATIONS:	See attached violation letters dated 4/6, 4/9, 4/9 and 5/7.				
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:	April 1 through April 28, 2001				

JUNEAU-DOUGLAS WASTEWATER TREATMENT PLANT

MONTHLY REPORT FOR: APRIL, 2001

CAPACITY: 2.76 MGD (7.23 MGD PEAK)

OPERATOR: Scott Jeffers

NPDES Permit No AK-002321-3
MLAB0104.WK4

FINAL EFFLUENT

DAY	DATE	WEATHER	TEMP., AIR, F	TSS, mg/L	TSS, lbs.	BOD, mg/L	BOD, lbs.	GRT, cu ft.	TEMP., EFF, C	pH	TSS, mg/L	TSS, lbs.	BOD, mg/L	BOD, lbs.	FECAL COLI, mg/L	FECAL COLI, lbs.	TTL Q, MGD	7-DAY AVERAGES EFF TSS, mg/L	EFF TSS, lbs.
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SUN	1	CLR	37	395	3232			8	10.8	6.7	15	125						0.981	
MON	2	CLDY	36	394	3385			14	10.2	6.6	14	116						1.030	
TUE	3	P.CLDY	37	601	8446			12	10.3	6.5	61	857						1.685	
WED	4	CLDY	39	406	4314	200	2125	20	9.6	6.6	178	1891	35	372				1.274	
THU	5	CLDY	38	445	5259			8	10.4	6.5	101	1194			23			1.417	
FRI	6	CLR	40	112	1163			12	11.4	6.7	11	112						1.245	56
SAT	7	CLDY	39	225	2351			6	10.3	6.7	10	105						1.253	628
SUN	8	SNOW	36	164	2874			8	11.0	6.7	176	3084						2.101	
MON	9	CLR	43	216	2538			10	8.6	6.8	44	517						1.409	
TUE	10	CLEAR	41	254	2832			8	11.0	6.7	12	128						1.337	
WED	11	CLDY	42	285	3198	130	1462	8	10.8	6.7	15	171	5	55				1.348	
THU	12	RAIN	40	306	3478			8	11.3	6.7	21	239			30			1.363	
FRI	13	CLDY	43	333	2674			9	10.8	6.5	18	145						0.963	
SAT	14	CLDY	43	274	2109			6	10.3	6.7	25	192						0.923	44
SUN	15	CLR	42	414	3149			6	10.5	6.6	21	160						0.912	639
MON	16	CLR	44	484	3665			8	10.8	6.7	21	159						0.908	
TUE	17	CLDY	44	446	3913			10	11.8	6.5	12	105						1.052	
WED	18	CLDY	46	404	3134			8	11.8	6.4	3	23						0.930	
THU	19	CLDY	47	283	2308			10	11.8	6.3	6	52			2			0.978	
FRI	20	CLR	47	418	3389			16	12.1	6.3	7	59						0.972	
SAT	21	CLR	50	702	5006			10	11.2	6.5	6	43						0.855	11
SUN	22	CLDY	46	334	3340			10	11.6	6.6	7	65						1.199	86
MON	23	CLDY	43	519	5926			10	11.8	6.6	7	80						1.369	
TUE	24	RAIN	43	430	5272			14	11.7	6.6	7	86						1.470	
WED	25	CLDY	44	320	3184			14	11.6	6.6	6	60						1.193	
THU	26	RAIN	47	476	6106			10	12.0	6.6	18	226			2			1.538	
FRI	27	RAIN	43	484	7730			14	11.7	6.5	11	172						1.915	
SAT	28	CLDY	43	222	2618			19	11.1	6.6	2	18						1.414	8

MAXIMUM	MINIMUM	AVERAGE	50	702	8446	200	2125	20	12.1	6.8	178	3084	35	372	30	2.101	56	639
36	112	1163	130	1462	6	8.6	6.3	2	18	5	55	2	0.855	8	86			
42	369	3807	165	1793	11	11.0	6.6	30	364	20	213	7	1.251	30	364			

COMMENTS:

Reporting the period: April 1 through April 28, 2001

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