#### JUNEAU-DOUGLAS WASTEWATER TREATMENT FACILITY

Juneau, Alaska

July 2015

DAY   DAY   TEMP # PAIN FALL   10 TH   TEMP #   10   0.0 mg/L   SS   SS   S.   S.   S.   S.   S.   S	D	ate		Flows				Influe		arroad, 2							Effluent	1			
DAY   Table   Part			1000000							Barrier (	Maria de la	antena.	000000	10000		10000000	1000000			Enterro.	FECAL
SUN   28	DAY	DATE	TEMP °F			TEMP: °C:	рH	D.O. mg/L						pΗ		S.S. mg/L	S.S. LBS			Fecal	Coliform
MON   29   58   0.06   1.380   15.5   7.8   6.1	SUN	28	60	0.40	1.074																
TUE 30 60 030 0898 157 7.4 37 930 8926 2400 1876 168 7.1 42 44 328 8.2 81 1 1 1 1 1 57 0.00 0.589 166 7.8 2.1 2470 1896.1 45.0 345.0 184.7 70 4.0 1.0 8.1 4.5 38.4 1.0 1 1 1 1 2 54 0.0 0.0 0.589 166 7.8 2.1 2470 1896.1 45.0 345.0 184.7 70 4.0 1.0 8.1 4.5 38.4 1.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			58	0.66	1.380	15.5	7.8	6.1					17.0	6.9	3.9						
WED		30	60	0.30	0.893	15.7	7.4	3.7	93.0	692.6	240.0	1787.4	16.8	7.1	4.2	4.4	32.8	8.2	61.1		12.0
THU   2   54			57			16.6	7.8	2.1	247.0	1996.1	430.0	3475.0	18.4	7.0	4.0	1.0	8.1	4.5		1.0	10.0
FRI		2	54	0.23	1.110	16.1	7.4	3.2					17.2	7.2	4.0						
SAT	-			0.48	0.893	14.6		2.1					17.8	7.1	4.3						
SUN   5	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	4	59	0.05	0.835																
MON			65	0.00																	
TUE 7 66 000 0794 165 75 31 2360 15828 3900 2826 178 72 4.0 10 66 49 324 WED 8 59 001 1327 182 72 1.9 284.0 2921.7 355.0 3928 19.3 7.1 4.0 1.0 11.1 3.6 39.8 THU 9 50 0.75 0.75 0.73 6.7 2.3 50 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0	_		70	0.00		15.4	7.4	1.0					17.2	7.1	4.0						
WED   8   59   0.01   1.327   182   7.2   1.9   284.0   2921.7   355.0   3928.8   133   7.1   4.0   1.0   11.1   3.6   39.8   17.1   1.0   59   0.75   0.750   17.3   6.7   2.3   1.0   17.5   1.0   1.0   1.0   1.0   1.0   6.2   1.0   1.0   1.0   1.0   6.2   1.0		7	66	0.00	0.794	16.5	7.5	3.1	236.0	1562.8	390.0	2582.6	17.6	7.2	4.0	1.0	6.6	4.9	32.4		1.0
THU 9 9 59 0.75 0.750 17.3 6.7 2.3		8	59	0.01	1.327	18.2	7.2	1.9	264.0	2921.7	355.0	3928.8	19.3	7.1	4.0	1.0	11.1	3.6	39.8		
FRI 10 5 56 0.11 1.105 20 0 7.0 4.5		9	59	0.75	0.750	17.3	6.7	2.3					17.6	7.1	4.2	7.2	45.0	10.0	62.6		
SAT   11   57   068   1.138		10	56	0.11	1.105	20.0	7.0	4.5					20.0	7.0	4.5						
SUN   12   58   0.35   1.980		11	57	0.66	1.136																
MON 13 57 0.11 1.807 14.8 7.9 7.8 1 16.0 1566.3 170.0 2295.4 16.2 7.1 4.8 152.0 2052.4 73.0 985.7 TUE 14 55 M 1.619 152 7.5 5.4 116.0 1566.3 170.0 2295.4 16.2 7.1 4.8 152.0 2052.4 73.0 985.7 TUB 15 54 0.62 1.463 16.8 8.0 2.4 148.0 1805.8 200.0 244.0 15.9 7.1 4.3 3.0 36.6 7.1 86.6 THU 16 55 0.33 1.045 15.0 7.5 4.0 192.0 1673.3 32.0 2788.9 16.0 7.1 4.2 4.0 34.9 7.4 64.5 FRI 17 56 0.32 1977 13.1 7.3 3.9 16.5 7.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2			58	0.35																	
TUE 14 55 M 1.619 15.2 7.5 5.4 116.0 1506.3 1700 2285.4 16.2 7.1 4.8 152.0 2052.4 73.0 985.7   WED 15 54 0.62 1.463 16.8 8.0 2.4 148.0 1805.8 20.0 2440.3 15.9 7.1 4.3 3.0 36.6 7.1 86.6   FRI 17 56 0.32 1977 13.1 7.3 3.9   SAT 18 59 102 11.75   SUN 19 54 0.00 1.733   MON 20 58 0.79 1.251 14.4 7.4 5.0   WED 22 58 0.00 0.995 14.7 7.5 4.2 230.0 1831.9 420.0 3345.2 16.0 7.2 4.0 1.0 8.0 3.8 30.3   WED 22 58 0.00 0.995 14.7 7.5 4.2 230.0 1831.9 420.0 3345.2 16.0 7.2 4.0 1.0 8.0 3.8 30.3   WED 22 58 0.00 0.995 1.051 14.0 7.6 4.0   FRI 24 57 M 1057 14.0 7.6 4.0   SAT 25 56 M 0.330   SUN 26 56 M 1182   SUN 26 56 M 1182   WED 29 54 0.76 1.907 14.6 7.6 5.5 180.0 2862.8 208.0 308.1 15.5 7.1 4.5 1.0 18.5 3.9 64.2   WED 29 54 0.76 1.907 14.6 7.8 5.6 180.0 2862.8 208.0 308.1 15.5 7.1 4.5 1.0 18.5 3.9 64.2   WED 29 54 0.76 1.907 14.6 7.8 5.6 180.0 2862.8 208.0 308.1 15.5 7.1 4.6 4.0 63.6 4.0 63.6   FRI 31 54 0.18 1394 13.8 7.4 4.5   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 15.6 7.0 4.5 1.0 18.5 3.9 68.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 2.19 20.0 8.1 7.76 284.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0   WASHINIMUM 70 1.36 1.36 1.36 7.5 3.9 187.6 1805.5 2884 16.7 2884 16.7 2884 16.1 11.1 1254 11.0   WASHINIMUM 70 1.36 1.36 1.36 1.36 7.5 3.9 187.6 1805.5 2884 16.7 2884 16.7 2884 16.1   WASHINIMUM 53 0.00 0.075 13.1 6.7 0.95 93.0 692.6 170.0 14982 15.2 6.9 2.3 1.0 6.6			57	0.11	1.607	14.8	7.9	7.8					16.8	7.0	5.0						
WED 15 54 0.62 1.463 16.8 8.0 2.4 148.0 1805.8 200.0 2440.3 15.9 7.1 4.3 3.0 36.6 7.1 86.6 THU 16 55 0.33 1.045 15.0 7.5 4.0 192.0 1673.3 32.0 2789.9 16.0 7.1 4.2 4.0 34.9 7.4 64.5 FRI 17 56 0.32 1.977 13.1 7.3 3.9 THE PRINCE OF THE PRINCE		14	55	М	1.619	15.2	7.5	5.4	116.0	1566.3	170.0	2295.4	16.2	7.1	4.8	152.0	2052.4	73.0	985.7		
THU 16 55 0.33 1.045 15.0 7.5 4.0 192.0 1673.3 32.0 2788.9 16.0 7.1 4.2 4.0 34.9 7.4 64.5   FRI 17 56 0.32 1.977 13.1 7.3 3.9   16.5 7.3 5.2     SAT 18 59 1.02 1.175     SUN 19 54 0.08 1.733     MON 20 58 0.79 1.251 14.4 7.4 5.0     TUE 21 58 0.00 0.955 14.7 7.5 4.2 230.0 1831.9 420.0 3345.2 16.0 7.2 4.0 1.0 8.0 3.8 30.3   WED 22 58 0.00 0.998 19.9 8.1 2.9 150.0 1248.5 180.0 1498.2 16.5 7.0 4.5 1.0 8.3 3.1 25.8   THU 23 55 0.16 1.849 17.9 7.2 3.8     FRI 24 57 M 1.057 14.0 7.6 4.0     SAT 25 56 M 0.930     SUN 26 66 M 1.182     MON 27 55 0.61 2.191 16.2 7.8 2.6     MON 27 55 0.61 2.191 16.2 7.8 2.6     MON 27 55 0.61 2.191 16.2 7.8 2.6     TUE 28 55 1.38 1.975 14.4 7.5 5.5 208.0 3426.1 270.0 4447.3 15.6 7.0 4.5 1.0 16.5 3.9 64.2   WED 29 54 0.76 1.907 14.6 7.6 5.6 180.0 2862.8 26.0 3308.1 15.5 7.1 4.6 4.0 63.6 4.0 63.6   THU 30 54 0.18 1.394 13.8 7.4 4.5     FRI 31 54 0.18 1.394 13.8 7.4 4.5     FRI 31 55 0.30 1102     MAXIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 965.7 1.0   MAXIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0			54	0.62	1.463	16.8	8.0	2.4	148.0	1805.8	200.0	2440.3	15.9	7.1	4.3	3.0	36.6	7.1	86.6		5.0
FRI 17 56 0.32 1.977 13.1 7.3 3.9 16.5 7.3 5.2		16	55	0.33	1.045	15.0	7.5	4.0	192.0	1673.3	320.0	2788.9	16.0	7.1	4.2	4.0	34.9	7.4	64.5		
SUN 19 54 0.08 1.733		17	56	0.32	1.977	13.1	7.3	3.9					16.5	7.3	5.2						
SUN 19 54 0.08 1.733	SAT	18	59	1.02	1.175																
TUE 21 58 0.00 0.955 14.7 7.5 4.2 230.0 1831.9 420.0 3345.2 16.0 7.2 4.0 1.0 8.0 3.8 30.3   WED 22 58 0.00 0.998 19.9 8.1 2.9 150.0 1248.5 180.0 1498.2 16.5 7.0 4.5 1.0 8.3 3.1 25.8   THU 23 55 0.16 1.849 17.9 7.2 3.8			54	0.08	1.733																
TUE 21 58 0.00 0.955 14.7 7.5 4.2 230.0 1831.9 420.0 3345.2 16.0 7.2 4.0 1.0 8.0 3.8 30.3   WED 22 58 0.00 0.998 19.9 8.1 2.9 150.0 1248.5 180.0 1498.2 16.5 7.0 4.5 1.0 8.3 3.1 25.8   THU 23 55 0.16 1.849 17.9 7.2 3.8	MON	20	58	0.79	1.251	14.4	7.4	5.0					15.3	6.9	6.0	1 7					
THU 23 55 0.16 1.849 17.9 7.2 3.8		21	58	0.00	0.955	14.7	7.5	4.2	230.0	1831.9	420.0	3345.2	16.0	7.2	4.0	1.0	8.0	3.8	30.3		5.0
FRI 24 57 M 1.057 14.0 7.6 4.0 15.8 7.1 4.5	WED	22	58	0.00	0.998	19.9	8.1	2.9	150.0	1248.5	180.0	1498.2	16.5	7.0	4.5	1.0	8.3	3.1	25.8		
SAT 25 56 M 0.930	THU	23	55	0.16	1.849	17.9	7.2	3.8					15.3	7.8	2.3						
SUN         26         56         M         1.182         2.6         32.6         3426.1         270.0         447.3         16.0         7.0         4.3         4.3         4.5         1.0         16.5         3.9         64.2	FRI	24	57	M	1.057	14.0	7.6	4.0					15.8	7.1	4.5						
MON         27         55         0.61         2.191         16.2         7.8         2.6         16.0         7.0         4.3         16.0         7.0         4.3         16.5         3.9         64.2           TUE         28         55         1.36         1.975         14.4         7.5         5.5         208.0         3426.1         270.0         4447.3         15.6         7.0         4.5         1.0         16.5         3.9         64.2           WED         29         54         0.76         1.907         14.6         7.6         5.6         180.0         2862.8         208.0         3308.1         15.5         7.1         4.6         4.0         63.6         4.0 <td< td=""><td>SAT</td><td>25</td><td>56</td><td>М</td><td>0.930</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	SAT	25	56	М	0.930																
TUE 28 55 1.36 1.975 14.4 7.5 5.5 208.0 3426.1 270.0 4447.3 15.6 7.0 4.5 1.0 16.5 3.9 64.2  WED 29 54 0.76 1.907 14.6 7.6 5.6 180.0 2862.8 208.0 3308.1 15.5 7.1 4.6 4.0 63.6 4.0 63.6  THU 30 54 1.01 1.346 14.6 7.8 5.6  FRI 31 54 0.18 1.394 13.8 7.4 4.5 16.4 6.9 4.6  SAT 1 55 0.30 1.102  TOTAL  MINIMUM 70 1.36 2.19 20.0 8.1 7.76 264.0 3426.1 430.0 4447.3 20.0 7.8 6.0 152.0 2052.4 73.0 985.7 1.0  MINIMUM 53 0.00 0.75 13.1 6.7 0.95 93.0 692.6 170.0 1498.2 15.2 6.9 2.3 1.0 6.6 3.1 25.8 1.0  AVERAGE 57.3 0.4 1.3 15.8 7.5 3.9 187.6 1962.5 289.4 2899.8 16.7 4.3 15.1 193.6 11.1 129.4 1.0	SUN	26	56	М	1.182																
WED         29         54         0.76         1.907         14.6         7.6         5.6         180.0         2862.8         208.0         3308.1         15.5         7.1         4.6         4.0         63.6         4.0         <	MON	27	55	0.61	2.191	16.2	7.8	2.6					16.0	7.0	4.3						
THU 30 54 1.01 1.346 14.6 7.8 5.6 15.2 7.0 4.8 15.2 7.0 4	TUE	28	55	1.36	1.975	14.4	7.5	5.5	208.0	3426.1	270.0	4447.3	15.6	7.0	4.5	1.0	16.5	3.9	64.2		2.0
FRI 31 54 0.18 1.394 13.8 7.4 4.5 16.4 6.9 4.6	WED	29	54	0.76	1.907	14.6	7.6	5.6	180.0	2862.8	208.0	3308.1	15.5	7.1	4.6	4.0	63.6	4.0	63.6		
SAT         1         55         0.30         1.102         Section 1.105	THU	30	54	1.01	1.346	14.6	7.8	5.6					15.2	7.0	4.8						
TOTAL 11.65 40.26	FRI	31	54	0.18	1.394	13.8	7.4	4.5					16.4	6.9	4.6						
MAXIMUM         70         1.36         2.19         20.0         8.1         7.76         264.0         3426.1         430.0         4447.3         20.0         7.8         6.0         152.0         2052.4         73.0         985.7         1.0           MINIMUM         53         0.00         0.75         13.1         6.7         0.95         93.0         692.6         170.0         1498.2         15.2         6.9         2.3         1.0         6.6         3.1         25.8         1.0           AVERAGE         57.3         0.4         1.3         15.8         7.5         3.9         187.6         1962.5         289.4         2899.8         16.7         4.3         15.1         193.6         11.1         129.4         1.0	SAT	1	55	0.30	1.102																
MINIMUM 53 0.00 0.75 13.1 6.7 0.95 93.0 692.6 170.0 1498.2 15.2 6.9 2.3 1.0 6.6 3.1 25.8 1.0 AVERAGE 57.3 0.4 1.3 15.8 7.5 3.9 187.6 1962.5 289.4 2899.8 16.7 3 15.1 193.6 11.1 129.4 1.0	TOTAL			11.65	40.26																
AVERAGE 57.3 0.4 1.3 15.8 7.5 3.9 187.6 1962.5 289.4 2899.8 16.7 4.3 15.1 193.6 11.1 129.4 1.0	MAXIMUM		70	1.36	2.19	20.0	8.1	7.76	264.0	3426.1	430.0	4447.3	20.0	7.8	6.0	152.0	2052.4	73.0	985.7	1.0	12.0
	MINIMUM		53	0.00	0.75	13.1	6.7	0.95	93.0	692.6	170.0	1498.2	15.2	6.9	2.3	1.0	6.6	3.1	25.8	1.0	1.0
The state of the s									187.6	1962.5	289.4	2899.8								1.0	4.3
Number of Analyses (35 St . 35 Z5 Z5 14 11 U U Z8 Z5 Z5 12 12 12 12 14 1 1	Number	Of Analyses	35	31	35	25	25	25	i i	ji ,	į,	Ŋ	25	25	25	12	12	12	12	1 1	6

BOD % Removal	TSS % Removal	Texicity
96.2	92.0	

١	Ammonia	mg/L	Copper	ug/L
١	7/8/2015	7.1	7/7/2015	7.4

				Weekly
TS	SS	BOD		Coliform
mg/l	::::lbs::::	:::mg/[:::	::::Ibs::::	Geo Mean
2.7	20.4	6.4	48.7	11.0
3.1	20.9	6.2	44.9	1.0
53.0	707.9	29.2	378.9	5.0
1.0	8.1	3.5	28.0	5.0
2.5	40.0	4.0	63.9	2.0
53.0	707.9	29.2	378.9	11.0
	2.7 3.1 53.0 1.0 2.5	2.7 20.4 3.1 20.9 53.0 707.9 1.0 8.1 2.5 40.0	mg/l   lbs   mg/l   2.7   20.4   6.4   3.1   20.9   6.2   53.0   707.9   29.2   1.0   8.1   3.5   2.5   40.0   4.0	mg/l         lbs         mg/l         lbs           2.7         20.4         6.4         48.7           3.1         20.9         6.2         44.9           53.0         707.9         29.2         378.9           1.0         8.1         3.5         28.0           2.5         40.0         4.0         63.9

CONTACT NAME: Samantha Stoughtenger MAILING ADDRESS: 2009 Radcliffe Road

Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

PERMIT NUMBER: AK0023213

OUTFALL / MONITORING POINT: 001

MONITORING PERIOD: 7/1/2015

7/31/2015

NO DISCHARGE:

Parameter		Quantity (	Quantity or Loading		Qua	Quality or Concentration			No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Temperature (C)	Sample meas.	*****	*****		*****	*****	20.0		0		
1 - Final Effluent 00010	reimit	****	****		*****	*****	Report daily maximum	DEG.C		5X Weekly	Grab
Dissolved Oxygen	Sample meas.	*****	*****		2.3	*****	6.0		0		
1 - Final Effluent 00300	Permit reqmt.	*****	*****	-	2.0 daily minimum	*****	17 daily maximum	mg/l		5X Weekly	Grab
Biochemical Oxygen Demand (BOD5)	Sample meas.	129.4	985.7		*****	11.1	73.0	-	1		
1 - Final Effluent 00310	Permit reqmt.	690 monthly average	1,380 daily maximum	lbs/day	*****	30 monthly average	60 daily maximum	mg/l		Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5)	Sample meas.	2899.8	*****		*****	289.4	*****		0		
G - Influent 00310	I CI IIIIC	report monthly average	*****	lbs/day	****	report monthly average	****	mg/l		Monthly	24-Hr Composite
Biochemical Oxygen Demand (BOD5)	Sample meas.	*****	378.9		*****	29.2	*****		0		
W - See Comments 00310	I CIMILE	*****	1,035 weekly average	lbs/day	*****	45 weekly average	*****	mg/l		Monthly	24-Hr Composite

NAME/TITLE PRINC	IPAL EXECUTIVE OFFICER
Jim	WESTOTT

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 TYPED OR PRINTED possibility of fine and imprisonment for knowing violations

I certify under penalty of law that this document and all attachments were

prepared under my direction or supervision in accordance with a system

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2015/8/14 AREA | NUMBER YIMID

DATE

TELEPHONE

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Road

Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

PERMIT NUMBER: AK0023213

OUTFALL / MONITORING POINT: 001

MONITORING PERIOD: 7/1/2015

TO

7/31/2015 NO DISCHARGE:

Parameter Quantity or Loading Units **Quality or Concentration** Units No. Frequency of Sample Type Ex. **Analysis Average** Maximum Minimum Average Maximum рН Sample \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 6.9 7.8 0 meas. \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 6.5 8.5 1 - Final Effluent S.U. 5X Weekly Grab **Permit** minimum maximum 00400 regmt. **Total Suspended Solids** Sample \*\*\*\*\* 193.6 2052.4 15.1 152.0 2 meas. \*\*\*\*\* 690 1,380 lbs/day 30 60 1 - Final Effluent mg/l Monthly 24-Hr Composite Permit monthly average daily maximum monthly average daily maximum 00530 regmt. **Total Suspended Solids** Sample 1962.5 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 187.6 0 meas. \*\*\*\*\* \*\*\*\*\* G - Influent report lbs/day \*\*\*\*\* report mg/I Monthly 24-Hr Composite Permit monthly average monthly average 00530 reqmt. **Total Suspended Solids** Sample \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 707.9 53.0 meas. \*\*\*\*\* 1,035 lbs/day \*\*\*\*\* \*\*\*\*\* W - See Comments mg/l Monthly 24-Hr Composite **Permit** weekly average weekly average 00530 regmt. Ammonia Nitrogen (as N) Sample \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 7.1 7.1 meas. \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 1 - Final Effluent 14 30 mg/l 24-Hr Composite Monthly Permit daily maximum monthly average 00610 regmt.

	receiving under penalty or law that this document and all attachments were	1 1//	TELEPHONE	DATE	
1/m 6/5871075	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	Ahry.	907.5E6.0393	2015/8	hef
TYPED OR PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA   NUMBER	YIMID	

Page 2

CONTACT NAME: Samantha Stoughtenger MAILING ADDRESS: 2009 Radcliffe Road

Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

PERMIT NUMBER: AK0023213

OUTFALL / MONITORING POINT: 001

MONITORING PERIOD:

7/1/2015

7/31/2015

NO DISCHARGE:

arameter		Quantity or Loading		Units Qual		lity or Concentration		Units No		Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	***
Ammonia Nitrogen (as N)	Sample meas.	*****	*****		*****	7.1	*****		0		
W - See Comments 00610	Permit reqmt.	*****	*****	-	*****	21 weekly average	****	mg/l		Monthly	24-Hr Composite
Copper Total Recoverable	Sample meas.	*****	*****		*****	*****	7.4		0		
1 - Final Effluent 01119	Permit reqmt.	*****	*****		*****	*****	Report daily maximum	ug/l		Quarterly	24-Hr Composite
Flow	Sample meas.	1.277	2.191		*****	*****	*****		0		
1 - Final Effluent 50050	Permit reqmt.	2.76 monthly average	6.0 daily maximum	MGD	*****	*****	*****			Continuous	Recorded
Enterococci	Sample meas.	*****	*****		*****	*****	1.0		0		
1 - Final Effluent 61211	Permit	*****	*****		****	****	Report daily maximum	cts/100 ml		See Permit Requirements	Grab
Fecal Coliform	Sample meas.	*****	*****		*****	4.3	12.0		0		
1 - Final Effluent 74055	remit	*****	*****		*****	200 monthly geometric mean	800 daily maximum	cts/100 ml		Weekly	Grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICE	ER .		aw that this document and a				TELEPHO	NE		DATE	

VAIVIE/TITLE PR	INCIPAL	EVERN	IIVE	OFFICER
	,	$\overline{}$		

TYPED OR PRINTED

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.

OFFICER OR AUTHORIZED AGENT

AREA | NUMBER YIMID

CONTACT NAME: Samantha Stoughtenger

MAILING ADDRESS: 2009 Radcliffe Road

Juneau, AK 99801

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

PERMIT NUMBER: AK0023213

OUTFALL / MONITORING POINT: 001

MONITORING PERIOD: 7/1/2015

TO

7/31/2015 NO DISCHARGE:

Parameter		Quantity o	or Loading	Units	Qual	ity or Concentra	ation	Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Fecal Coliform	Sample meas.	*****	*****		*****	11.0	*****		0		
W - See Comments 74055	I CI IIIIL	*****	****		*****	400 weekly average	*****	cts/100 ml		Weekly	Grab
BOD5 Minimum % Removal	Sample meas.	*****	*****		96.2	*****	*****		0		
K - Percent Removal 81010	reqmt.	****	*****		85 minimum percent removal	*****	*****	%		Monthly	Calculation
Total Suspended Solids Minimum % Removal	meas.	*****	*****		92.0	*****	*****		0		
K - Percent Removal 81011	Permit reqmt.	*****	*****		85 minimum percent removal	*****	****	%		Monthly	Calculation

CO	MM	1EN	TS:

W = weekly average;

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER 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 TYPED OR PRINTED possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

**TELEPHONE** 

AREA | NUMBER YIMID

DATE

Page 4



#### Alaska Department of Environmental Conservation

Division of Water, Compliance and Enforcement Program
555 Cordova Street

Anchorage, Alaska 99501

Nationwide Toll Free: 1(877) 569-4114 Anchorage/International: (907) 269-4114 Fax: (907) 269-4604 E-mail address: dec-wqreporting@alaska.gov.

#### NONCOMPLIANCE NOTIFICATION

GENERAL INFORMATION	PERMIT# (if any): AKO	0023213	T	407					
Owner or Operator:	Facility Name:		Facility L						
CBJ	Juneau-Douglas		1540 I	hane Rd., Juneau					
Person Reporting:	Phone Numbers of Pers	on Reporting:	Reported	How? (e.g. by phone):					
Jim Westcott	907.586.0393		Mail						
Date/Time Event was Noticed:	Date/Time Reported:		Name of 1	DEC Staff Contacted:					
7/24/2015 1500 pm	7/25/2015 12	45 pm	ADEC	hotline					
VERBAL NOTIFICATION MUST	BE MADE TO ADEC WITHI	N 24 HOURS OF DISCO	VERY OF N	ONCOMPLIANCE					
INCIDENT DETAILS (attac	h additional sheets, lab re	ports, and photos as	necessary)						
Period of Noncompliance Start	Date/Time (exact): 7/13/20	15 1225 am En	d Date/Time	(exact): 7/14/2015 1200 am					
If noncompliance has not been corr	ected, provide a statement rega	rding the anticipated tin	e the noncon	pliance is expected to continue:					
			- 1						
Estimated Quantity involved (volume	ne or weight):	8		8					
2052 lbs. TSS									
Description of the noncompliance a									
A hydraulic surge created	a loss of solids from the	ne clarifiers.							
Actions taken to reduce, eliminate, and prevent reoccurrence of noncompliance and Actual/Potential Impact on Environmental Health (describe in detail) (e.g. Supplied drinking water to nearby well owners and informed well owners not to drink from wells until further notice)									
Process control inventory	management was redu	uced to a 12 day s	olids rete	ntion time (SRT)					
to reduce the mass in the		acca to a 12 day c	ondo roto	Tallott and (Orti)					
		William In the Ar							
Permit Condition Deviation (Identi									
Parameter (e.g. BOD pH)	Permit Limit	Exceedance (sample re	<u>sult)</u>	Sample Date					
BOD mg/l	60 mg/l max.	73 mg/l		7/14/2015					
TSS mg/l	60 mg/l max.	152 mg/l		7/14/2015					
TSS mg/l	1380 lbs./day	2052 lbs		7/14/2015					
5007	· ·								
Corrective Actions (Attach a descri chances of recurrence.)	ption of corrective actions take	n to restore the system to	normal oper	ation and to minimize or eliminate					
Process control inventory manage									
to reduce the mass in the system effectively.	The following day lab analysi	s shows the facility well	under compl	iance limitations and operating					
Environmental Damage: (if yes, p	ovide details below)	Yes	No	✓ Unknown					
Actual /Potential Impact on Enviro	nment/Public Health (describe	in detail)							
Unknown									
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 time and imprisonment for knowing violations.									
Name: Jim Westcott	Senior operator		de St	Parts: 7/25/2015					
Maine.		Signature:	INC AND ADD	Date:					
FORMS MUST B	E SENT TO ADEC WITHIN F	IAF DAAS OF RECOW	ING AWARE	OF THE EVENT.					

CONTACT NAME: Mark Mow

MAILING ADDRESS: 155 S. Seward Street

Juneau, AK 99801

PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

Juneau, AK 99801

MONITORING PERIOD: 7/1/2015

TO

7/31/2015

MONITORING POINT: 004 (N-15.1) (R) Douglas

NO DISCHARGE:

Х

Parameter		Quantity o	Quantity or Loading		Quality or Concentration			Units	No.	Frequency of	Sample Type
		Average	Maximum		Minimum	Average	Maximum		Ex.	Analysis	
Biochemical Oxygen Demand (BOD5)	Sample meas.				*****						
1 - Final Effluent 00310 R		Report monthly average	Report daily maximum	lbs/day	****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
Total Suspended Solids 1 - Final Effluent	1 CI IIIIC	Report monthly average	Report daily maximum	lbs/day	*****	Report monthly average	Report daily maximum	mg/l		When Discharging	Grab
00530 R Coliform, fecal MF, M-FC broth,	reqmt. Sample						<b>,</b>				
44.5 C 1 - Final Effluent 31616 R	meas.	*****	*****		*****	Report monthly geometric mean	Report daily maximum	cts/100 ml		When Discharging	Grab
Flow 1 - Final Effluent 50050 R	Sample meas. Permit reqmt.	Report monthly average	Report daily maximum	MGD	*****	*****	*****			When Discharging	Recorded
Duration of Discharge	Sample meas.	*****	report	min/day	*****	*****	*****			When Discharging	Instantaneous
1 - Final Effluent 81381 R	1 CI IIII		daily maximum	inin ady						The Discharging	Reading
COMMENTS:								(a			

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TYPED OR PRINTED

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.

OFFICER OR AUTHORIZED AGENT

AREA | NUMBER YIMID

DATE

TELEPHONE

CONTACT NAME: Mark Mow

MAILING ADDRESS: 155 S. Seward Street

Juneau, AK 99801

PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

MONITORING POINT: 002 (N-11) (P) Sta AE

Juneau, AK 99801

MONITORING PERIOD: 7/1/2015

TO

7/31/2015

NO DISCHARGE:

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No.	Frequency of	Sample Type
		Average	Maximum	ximum	Minimum	Average	Maximum		Ex.	Analysis	
Biochemical Oxygen Demand BOD5)	Sample meas.				*****					28.0	
1 - Final Effluent 00310 P	I CI IIII	report monthly average	report daily maximum	lbs/day	*****	report monthly average	report daily maximum	mg/l		When Discharging	Grab
Fotal Suspended Solids	Sample meas.				*****						
1 - Final Effluent 00530 P	Permit reqmt.	report monthly average	report daily maximum	lbs/day	*****	report monthly average	report maximum monthly average	mg/l		When Discharging	Grab
Coliform, fecal MF, M-FC broth, 14.5 C	Sample meas.	*****	*****		*****						
1 - Final Effluent 31616 P	Permit reqmt.	*****	*****		*****	report monthly geometric mean	report daily maximum	cts/100 ml		When Discharging	Grab
Flow	Sample meas.	*****			*****	*****	*****				
1 - Final Effluent 50050 P		*****	report daily maximum	MGD	*****	*****	*****		- 1	When Discharging	Recorded
Duration of Discharge	Sample meas.	*****			*****	*****	*****				
1 - Final Effluent 81381 P		*****	Report daily maximum	min/day	*****	*****	*****			When Discharging	Recorded

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

	I certify under penalty of law that this document and all attachments were	77	TELEPHONE	DATE
MARK J. MOW/ SR. OPERATOR	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	Mal 1 Mow. SIGNATURE OF PRINCIPAL EXECUTIVE	907-790-2525	8/1/15
TYPED OF PRINTED	are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	OFFICER OR AUTHORIZED AGENT	AREA   NUMBER	YIMID

CONTACT NAME: Mark Mow

MAILING ADDRESS: 155 S. Seward Street

Juneau, AK 99801

PERMIT NUMBER: AK0023213

FACILITY: JUNEAU DOUGLAS WW TREATMENT FACILITY

LOCATION: 1540 Thane Rd

MONITORING POINT: 003 (N11.2) (Q) Sta C

Juneau, AK 99801

MONITORING PERIOD: 7/1/2015

TO 7/31/2015

NO DISCHARGE:

When Discharging

X

Recorded

Parameter Quantity or Loading Units **Quality or Concentration** Units No. Frequency of Sample Type Ex. **Analysis** Maximum Minimum Maximum **Average Average** Biochemical Oxygen Demand Sample \*\*\*\*\* (BOD5) meas. \*\*\*\*\* lbs/day Report mg/I When Discharging 1 - Final Effluent Report Report Report Grab Permit monthly average daily maximum monthly average daily maximum 00310 Q reqmt. Sample **Total Suspended Solids** \*\*\*\*\* meas. \*\*\*\*\* lbs/day When Discharging 1 - Final Effluent Report Report Report Report mg/l Grab **Permit** monthly average daily maximum monthly average daily maximum 00530 Q reamt. Coliform, fecal MF, M-FC broth, Sample \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* 44.5 C meas. \*\*\*\*\* \*\*\*\*\* cts/100 ml Report Report When Discharging 1 - Final Effluent Grab Permit monthly daily maximum 31616 Q geometric mean regmt. Sample Flow \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* meas. MGD Report When Discharging 1 - Final Effluent Recorded Permit daily maximum 50050 Q regmt. Sample Duration of Discharge \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* meas.

COMMENTS:

Mail this report when completed to ADEC, Division of Water, 555 Cordova Street, Anchorage, AK 99501-2617 Attach an explanation of any violations. Reference all attachments below.

\*\*\*\*\*

min/day

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK I. MOW SR OPERATOR

TYPED OR PRINTED

1 - Final Effluent

81381 Q

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.

report

daily maximum

\*\*\*\*\*

**Permit** 

regmt.

\*\*\*\*\*

\*\*\*\*\*

OFFICER OR AUTHORIZED AGENT

TELEPHONE 907.790-2525 8/1/18 AREA I NUMBER YIMID