

Facility - AR0001210

															Ratio of Long Term Effluent Average to Monthly Average Limit					
BOD5 Oct - July	TSS	Copper	Zinc	BOD5 August	BOD5 September										Baseline Monitoring	100-76% CV<0.2	75-66%	65-50%	49-25%	<25%
1076	727	5.3	74	1426.0	639.0										1/day	6/wk	5/wk	4/wk	3/wk	1/wk
926	1000	5.9	66	566.7	1057.0										6/wk	5/wk	4/wk	3/wk	2/wk	1/wk
863	1209	5.2	63		351.0										5/wk	4/wk	4/wk	3/wk	2/wk	1/wk
659	2256	2.2	16												4/wk	NR	3/wk	2/wk	1/wk	1/wk
1050	1600	2.9	47												3/wk	NR	NR	2/wk	1/wk	1/wk
2818	1756	2.6	22												2/wk	NR	NR	1/wk	2/mo	1/mo
116	6876	3.8	25												1/wk	NR	NR	1/wk	2/mo	1/mo
267	331	5	18												2/mo	NR	NR	1/mo	1/2 mo	1/qtr
867	2229	2.5	32												1/mo	NR	NR	1/2 mo	1/qtr	1/6mos
1167	1261	2.7	36																	
1054.4	490	2.3	22																	
1387	1657	2.2	41																	
200.68	2077	5.7	30												Baseline Monitoring	0-24% CV<0.2	25-34%	35-50%	51-75%	>75%
217	3158.3	4.2	24												1/day	6/wk	5/wk	4/wk	3/wk	1/wk
		1.7	21												6/wk	5/wk	4/wk	3/wk	2/wk	1/wk
	2450.38	1.7	10												5/wk	4/wk	4/wk	3/wk	2/wk	1/wk
	1064.26	1.7	10												4/wk	NR	3/wk	2/wk	1/wk	1/wk
	917.83	1.9	10												3/wk	NR	NR	2/wk	1/wk	1/wk
	413.88	2.1	10												2/wk	NR	NR	1/wk	2/mo	1/mo
	591	1.3	11												1/wk	NR	NR	1/wk	2/mo	1/mo
		1.7	15												2/mo	NR	NR	1/ mo	1/2 mo	1/qtr
		1.3	20												1/mo	NR	NR	1/2 mo	1/qtr	1/6mos
		1.6	10																	
		1.01	16																	
		2.8	16																	
904.86	1687.61	2.90	27.29	996.37	682.33	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Long-Term Avg. (LTA)					
8000.00	18000.00	18.75	194.58	7262.0	5911.0										Current Permit Limit					
11.3%	9.4%	15.5%	14.0%	13.7%	11.5%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	LTA % of Limit*					
684.79	1478.22	1.51	18.51	607.59	354.99	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	σ					
0.76	0.88	0.52	0.68	0.61	0.52	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	CV					

If a parameter data column HEADING has RED font and PINK background,
then NO REDUCTION in monitoring frequency is allowed.

BOD5	TSS	Copper	Zinc													
3/week	3/week	1/month	1/month													Old Monitoring Frequencies
1/week	1/week	1/6 months	1/6 months													New Monitoring Frequencies

This spreadsheet was developed in accordance with Office of Water Quality memorandum "OWQ Monitoring Frequency Reduction Guidelines", June 12, 2020.
Final values for New Monitoring Frequencies are the judgment of the permit writer.

* Since the DO limits are MINIMUM concentration limits, the "LTA % of Limit" calculations have been revised to use 25% GREATER than the limit as the reference point instead of 75% of the limit (same as 25% BELOW the limit).
The table for determining Reduced Monitoring Frequencies has been changed accordingly, using the same ranges as the original table, but using 25% as the reference point.

COLOR KEY	
	User Inputs
	Calculated values