

SLD 8b Markham Critical Control Points Table

Hazard Type	Hazardous Event	Critical Control Point	Critical Control Limits	Critical Control Point Monitoring	Procedures for Deviations from Critical Control Points
Biological	Adverse water quality	Points in system at which sampling occurs	HPC \geq 300	Micro-biological sampling and lab test results.	Response to Deviation from Critical Control Points SOP 7c
Biological / Chemical	Adverse Water Quality & High Water Age, Stagnant water at dead ends, and inadequate frequency of flushing, or from phased New Development Build-out	Points in system at which sampling occurs	Cl ₂ \leq 0.40 mg/L or \geq 1.7 mg/L	Associated with chlorine residual test performed by Waterworks Staff.	Response to Deviation from Critical Control Points SOP 7c
Chemical/ Physical	Adverse water quality	Points in system at which sampling occurs	pH \leq 6.5 or pH \geq 8.5	Associated with pH reading test performed by Waterworks Staff.	Response to Deviation from Critical Control Points SOP 7c
Chemical	Adverse water quality	Points in system at which sampling occurs	Lead \geq 0.005 mg/L NO ₂ \geq 0.5 mg/L NO ₃ \geq 5.0 mg/L THM \geq 0.05 mg/L	Regular sampling programs and lab test results.	Response to Deviation from Critical Control Points SOP 7c