

### CT CALCULATIONS FOR SURFACE WATER PLANTS:

	UNIT NAME	RESIDUAL TYPE	DISINFECTANT RESIDUAL	DETENTION TIME (T <sub>10</sub> )	CT <sub>calc</sub>	pH	CT <sub>99.9</sub>	CT <sub>calc</sub> ÷ CT <sub>99.9</sub>
CT 1	Primary Rapid Mix							
CT 2	Primary Floc							
CT 3	Primary Settling							
CT 4	Recarbonation Basin							
CT 5	2nd Rapid Mix							
CT 6	2nd Floc							
CT 7	2nd Settling							
CT 8	2nd Recarbonation							
CT 9	Filters							
CT 10	Clearwell							
CT <sub>other</sub>								
CT <sub>credit</sub>								0.83
TOTAL								