

STABILIZED AQUEOUS OZONE DECAY TEST

OXIDIZATION REDUCTION POTENTIAL (ORP) & OXIDATION POTENTIAL

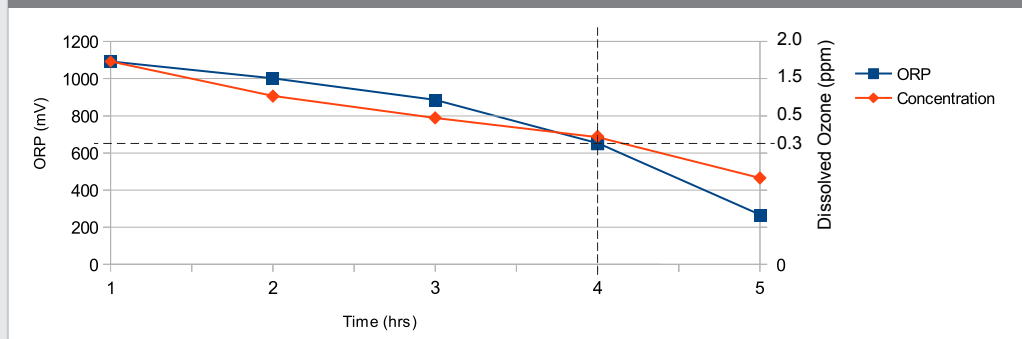
The **ORP** measures the concentration of oxidizers in the water gauging the cleanliness of the water and its ability to break down contaminants. The **Oxidation Potential** is used to compare the relative oxidative strength of the individual chemicals (see Biocidal Reagent table). In the Biocidal Reagent table, **Ozone** is shown to have the greatest potential to oxidize.

ORP LEVEL (mV)	APPLICATION
0-150	No practical use
150-250	Aquaculture
250-350	Cooling Towers
400-475	Swimming pools
450-600	Hot Tubs
600+	Water Disinfection
800+	Water Sterilization
1000+	TERSANO¹

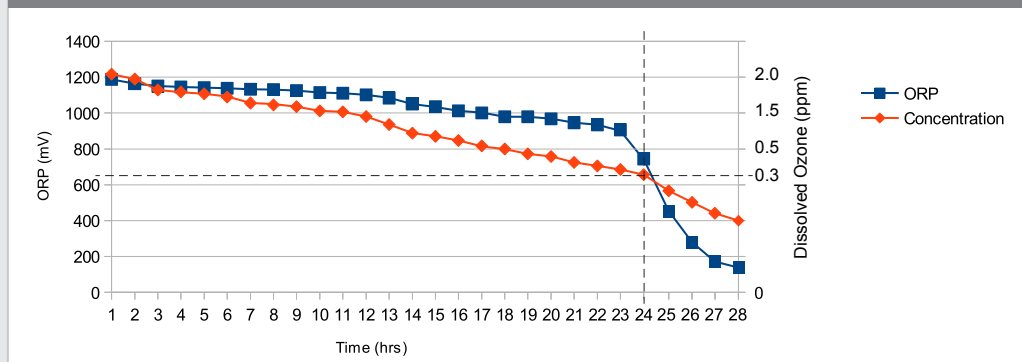
BIOCIDAL REAGENT	OXIDATION POTENTIAL (Volts)
Ozone	2.07
Hydrogen Peroxide	1.77
Permanganate	1.67
Chlorine Dioxide	1.57
Hypochlorous acid	1.49
Chlorine Gas	1.36
Hypobromous acid	1.33

TEST RESULTS

SERIES I - 4 HOUR AQUEOUS OZONE ¹



SERIES II - 24 HOUR AQUEOUS OZONE ¹



¹ Using 4L closed container at 21.5°C



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