Water Chemistry

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Public Health
Prevent. Promote. Protect.
Hendricks County Health Department

Disinfection Levels

Pool Type	Chlorine	Bromine
Wader	3.0 - 7.0 ppm	4.0 – 10.0 ppm
Spa	2.0 - 7.0 ppm	4.0 – 10.0 ppm
Water slide plunge pools & Wave pools	2.0 - 7.0 ppm	3.0 – 10.0 ppm
All other pools	1.0 - 7.0 ppm	2.0 – 10.0 ppm

Water Chemistry

What should your pH be?

pH	7.2 – 7.8
Optimal	7.4 -7.6
Closed	<6.8 or =/greater than 8.0

Pool Chemistry	Range	Fix
Total Alkalinity	80 – 120 ppm	Increase – add Sodium Bicarbonate (aka soda ash or baking soda) Decrease – Sodium Bisulfate
Combine Chlorine	Less than 0.50 ppm	Must shock (Combined Chlorine X 10)
Cyanuric Acid	May not exceed 60	Drain & fill
Pool shall be closed for at least 1 hour following manual addition of chemicals directly to pool water.		