

# Pool Water Chemistry Requirements

The following table outlines the chemical parameter requirements for public swimming pools in Alberta according to the Public Swimming Pools Regulations and the Pool Standards, July 2014 (amended January 2018).

Chemical Parameter	Minimum	Maximum	Pool Type
<b>Tested Daily</b>			
Free Chlorine (ppm)	1.0, 0.5* or 0.3**	None	Pool ≤ 30°C
	2.0, 0.5* or 0.3**	None	Pool > 30°C
	2.0, 0.5* or 0.3**	None	Stand-alone wading pool regardless of temperature
	2.0	None	Re-circulating stand-alone water spray park
Combined Chlorine (ppm)	--	Maintained at the lowest level possible	All
pH	6.8	7.6	All
<b>Tested Weekly</b>			
Total Alkalinity (ppm)	60	180	All
Cyanuric Acid (ppm)	--	50	Outdoor pools only

\*Consistently operating at an oxidation reduction potential (ORP) of no less than 700 mV.

\*\*Consistently operating at an ORP of no less than 770 mV, a pH of no more than 7.3 and when supplemental disinfection is used.

Contact us at 1-833-476-4743 or [submit a request online](#) at [ahs.ca/eph](http://ahs.ca/eph).

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