

Wisconsin Recreational Facilities FACT SHEET



Water Quality Standards

Minimum Disinfectant Residuals- TABLE ATCP 76.14			
Pool Type	Free Chlorine	Chlorine Residual with Stabilizer (Cyanuric Acid)	Total Bromine
Swimming and Activity Pool	1.0 ppm	1.5 ppm	3.0 ppm
Wading Pool	2.0 ppm	3.0 ppm	4.0 ppm
Whirlpool, Exercise, Therapy Pools	3.0 ppm	4.0 ppm	7.0 ppm
Water Attractions Other Than Those Specified	1.0 ppm	1.5 ppm	3.0 ppm
Plunge Pool and Wave Pool	2.0 ppm	3.0 ppm	5.0 ppm
*Electronic Monitoring Device (ORP system)	*1.0 ppm	*1.0 ppm	5.0 ppm
Interactive Play Attraction (Splash Pads)	2.0 ppm	3.0 ppm	5.0 ppm
Waterslides and Pool Slide	2.0 ppm	3.0 ppm	5.0 ppm

* ATCP 76.14(5)(b) When a waterslide plunge pool or a wave pool is equipped with approved and properly functioning electronic monitoring device to control the chlorine residual and pH level, the free available chlorine residual may be a minimum of 1.0 ppm.

Water Chemistry Standards- ATCP 76.14			
Parameters	Minimum	Maximum	Closure- ATCP 76.30
Chlorine disinfectant	See table above	10 ppm	Below minimum levels or above 10 ppm
Bromine disinfectant	See table above	20 ppm	Below minimum levels or above 20 ppm
pH	7.2	7.8	Below 6.8 or 8.0 or above
Cyanuric Acid (Stabilizer)	-	30 ppm	n/a
Total Alkalinity	*60 ppm	*180 ppm	n/a
Combined Chlorine	-	Outdoor: 0.5 ppm Indoor: 0.8 ppm	n/a

*Total Alkalinity shall be maintained between 60- 180 ppm unless it can be shown that another level of total alkalinity produces chemically balanced water based off the Langelier Saturation Index calculation.



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Water Testing Frequency- ATCP 76.18		
Parameters	Pools and Water Attractions	Whirlpools, Therapy & Exercise Pools
pH & Disinfectant: Chlorine or Bromine	**2x/day	***4x/day
*Electronic Monitoring Device (ORP system)	*1x/day	*1x/day
Combined Chlorine	2x/week	1x/day
Total Alkalinity	1x/week	1x/week
Cyanuric Acid (Stabilizer)	1x/week	1x/week

* ORP devices must be continually monitored and kept between 650 mV – 850 mV.

** Testing shall be performed before opening and during peak patron load.

*** Testing shall be performed before opening and two more times during use.

Water Temperature Standards- ATCP 76.19		
Pool Type	Minimum	Maximum
Indoor Pools	72° F	95°F
Outdoor Pools	65° F	-
Whirlpools	-	104°F
Cold Soak Pools	Less than 65°F if temperature (°F) is posted in 4" letters	



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