

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		
pН	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.



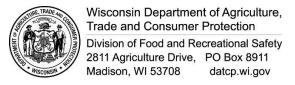
Wisconsin Department of Agriculture, Trade and Consumer Protection Division of Food and Recreational Safety 2811 Agriculture Drive, PO Box 8911 Madison, WI 53708 datcp.wi.gov

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 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	-		



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