



**Water Recreation Program**  
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[www.srhd.org](http://www.srhd.org)



## Required pH and Disinfectant Levels

All Pools & Spas	Minimum pH	Maximum pH
pH	7.2	8.0

Swimming Pools	Minimum disinfectant level	Maximum disinfectant level
<b>Chlorine*</b> Gas, liquid, and HTH granules (Calcium Hypochlorite)	1.5 ppm	10.0 ppm
<b>Stabilized Chlorine*</b> Tablets or granules containing <i>Dichlor</i> or <i>Trichlor</i>	2.0 ppm	10.0 ppm
<b>Bromine</b>	2.5 ppm	10.0 ppm

Spas & Wading Pools	Minimum disinfectant level	Maximum disinfectant level
<b>Chlorine*</b> Gas, liquid, and HTH granules (Calcium Hypochlorite)	3.0 ppm	10.0 ppm
<b>Stabilized Chlorine*</b> Tablets or granules containing <i>Dichlor</i> or <i>Trichlor</i>	3.5 ppm	10.0 ppm
<b>Bromine</b>	4.0 ppm	10.0 ppm

\*Chlorine is measured as residual free chlorine. Disinfectant levels that fall below or above the minimum and maximum levels may result in immediate closure.

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## pH & Disinfectant Levels - Testing & Record Requirements

### What type of test kit is required?

A test kit that accurately measures free and combined chlorine, pH, alkalinity, cyanuric acid (when used), and any other chemicals used in the pool. Test strips and OTO test kits do not meet the requirements.

### What other records am I required to keep?

- All chemical additives (type and amount)
- Maintenance activities
- \*Injury and illness reports/drownings, near drownings
- Any incident of visible pool water contamination (including feces, blood, or vomit)

Records must be kept for at least three years and be available for inspection.

### How often am I required to test?

As often as necessary to maintain proper water quality, but at a minimum:

#### Once per day:

- Free chlorine, combined chlorine and pH
- Spa water temperature when above 95° F (not to exceed 104° F)
- Flow rate

#### Once per week:

- Total alkalinity
- Cyanuric acid (if using stabilized chlorine the level must not exceed 90 ppm)

## Top 10 Pool Violations:

From 2006–October 2008

### Violation number/description

1. 5300 Monitoring and recordkeeping improperly maintained
2. 5100 Signage required is not conspicuously posted or lacks required elements
3. 4500 First aid kit (16-unit) and/or accessible emergency blanket not provided
4. 1020 Skimmer weirs not in place
5. **0111** Disinfectant level very low – below minimum
6. **0110** Disinfectant level very low – Closure
7. **0211** pH low – below minimum
8. 3100 Toilets, showers, or sinks unsanitary; lack of soap, towels or toilet tissue
9. **0830** Gates/doors are not self-closing
10. **0840** Self-latching mechanism is not adequate

**Red violation numbers** may result in a closure and will be associated with a re-inspection fee.

\*SRHD must be notified within 48 hours of any serious illness, injury, drowning or near drowning.