



Fact Sheet

Department of Public Health and Environment
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 Equal Employment Opportunity/Affirmative Action

Pool Regulations as of July, 2002

1. Water Chemistry:

A. Disinfectant:

Disinfectant used	Water temp below 85° F	Water temp above 84° F, pH above 7.7, Cyanuric acid above 30 ppm	Wading Pools	Spas
Chlorine	0.5-5.0 ppm	1.0-5.0 ppm	1.0-5.0 ppm	2.0-5.0 ppm
Bromine	1.0-10.0 ppm	2.0-10.0 ppm	2.0-10.0 ppm	4.0-10.0 ppm
Other Halogens	Equivalent Strengths			

B. Other:

Combined Chlorine: 0.5 ppm max	Alkalinity: 50 ppm min
Cyanuric acid: 100 ppm max (25 - 50 ppm ideal)	Clarity: Bottom Drain must be clearly visible
pH: 7.2 - 8.0	Temperature: 104°F max (for spas)

2. Safety Requirements:

A. One unit of emergency equipment labeled "For emergency use only" must be provided conspicuously for every 2,000 square feet of pool surface area (except for wading and spa pools). A unit is as follows:

- 1) **Life Ring** - a ring buoy attached to a 3/16-inch manila, or equivalent material, rope that is 1-1/2 times the width of the pool, but not over 60-feet.
- 2) **Lifepole or Shepherd's Crook Pole** - minimum fixed length of 12' with blunted ends.
Note: A rescue tube may be used instead of a ring buoy only when a lifeguard is present. Otherwise a ring buoy must be present at all times.

B. Underwater lights must be turned on whenever overhead illumination does not permit clear underwater visibility.

C. Markings must be displayed as stated in the state code.

D. Fencing must be built to be at least 5 feet high. Existing fencing can be 4 feet until it needs to be replaced. Gates must be self closing and latching and capable of being locked. When gates are new, they must be constructed to have latches at least 4 feet off the ground.

E. Warning Signs must be provided according to state code.

F. A Lifeguard Stand must be provided for only those pools with over 2,250 square feet of surface area.

3. Test Kits:

Each pool must have the following test kits:

- A. DPD test kit** to check disinfectant, accurate to 0.1 ppm;
- B. Phenol Red pH test kit** accurate to nearest 0.2 pH unit;
- C. Alkalinity test kit** using methyl orange or equivalent;
- D. Cyanuric Acid test kit**, only required in pools that use it.

4. Pool Operators: Pool must be operated under the direct supervision of a Certified Pool Operator that has successfully completed a pool operator training course which is acceptable to Washington County once every five years. The certified pool operator certificate must be posted in a conspicuous place.

5. Daily Records: Pool records must be kept by the operator for a time period of 3 years. These will consist of daily number of users, operating periods of recirculation equipment with flow rates, chemicals added/used, daily disinfectant tests, daily pH, daily alkalinity, cyanuric acid (where used), equipment maintenance and trouble, and bather accidents.

6. Cleanliness: Pools and decks must be kept clean, sanitary, and in good condition on a daily basis.

7. Chemical Storage: Pool chemicals must be kept cool, dry, and covered. Labels must be intact and label directions followed. Segregate storage of acids, bases, and oxidizers.

8. Maintenance: Pool equipment and appurtenances, and facilities must be in good condition and repaired in an approved manner. Mechanical disinfection feeders must be used (no hand feeding).

9. Grounds for closing pool (Anyone of these can result in closure):

- A.** Units of lifesaving equipment not provided;
- B.** Bottom Drain not visible due to poor clarity;
- C.** Disinfectants and related chemistry not within limits;
- D.** Pool was constructed or remodeled without proper approval;
- E.** Presence of any condition that endangers the public health.