



RECORD KEEPING

WATER TESTING – WHEN

- Disinfectant - before bathers enter pool, then every 4 hrs (or every 12 hrs)*
- Combine Chlorine - before bathers enter pool, then every 4 hrs (or every 12 hrs)
- pH - before bathers enter pool, then every 4 hrs (or every 12 hrs)*
- Temperature - once a day
- Alkalinity - once a week
- Cyanuric acid - once a week
- Clarity - when clarity is a problem
- Total dissolved solids - when clarity is a problem

ADDITIONAL RECORDS – WHEN

- Auto Chemical Controller - once a month, pump interlock/flow switch function
- SVRS/APSO - once a month, function
- Chemicals added - when non routine chemicals are added
- Fecal Accidents - when it happens, record treatment
- Injury and illness - when it happens, including respiratory problems
- Lifeguard certification - keep training records and make a copy for the health department

Keep these records for at least 2 years and make them available for review

PERMANENT RECORDS

- Lifeguard Coverage Plan - for pools 6000 sq. ft. and larger
- Certificate of Occupancy -
- Equipment Records

TESTING

WATER TESTING – WHAT

- Disinfectant
 - Pool Free Cl₂ 1.0 ppm min Free Bromine 2.0 ppm
 - Spa Free Cl₂ 2.0 ppm min Free Bromine 4.0 ppm
 - SG/SF# Free Cl₂ 2.0 ppm min Free Bromine 4.0 ppm
- Combine Chlorine - 1.0 ppm max
- pH - 7.2 - 7.8
- Temperature - pool 90^o max, spa 104^o max
- Alkalinity - 60 ppm min
- Cyanuric acid - 70 ppm max
- Clarity - clearly see main drain
- Total dissolved solids - below the level to impair clarity or cause other problems
- Fecal Accidents - treat water per appendix A (CDC Recommendations)

OTHER TESTING – WHAT

- Auto Chemical Controller - Properly functioning Flow/Pressure switch
- SVRS/APSO - Properly functioning

WATER TESTING – HOW

- Take sample at pool side, not from test ports
- **Take sample 18” down, away from** return line
- Measure from the bottom of the meniscus. Look at eye level
- Hold reagent bottle straight up and down for proper drop size
- Replace and tighten the cap
- Swirl to mix drops, or cap and mix. Do not shake, except for the cyanuric acid test.
- Match colors by putting a white paper behind test kit, or hold up to the northern light
- Rinse out the test kit cells and the cap

WATER TESTING – TEST KIT

- Store test cell and reagents bottles in the case, lid closed
- Store in room with temperatures no more than 85 degrees
- Expiration dates are on the reagent bottles. Replace reagents before they expire.

#SG/SF = Spray Grounds and Special Features (including slides, fountains, slow rivers, etc.)

*Disinfectant and pH must be tested every 6 hrs. on SG/SF