



**Public Health**  
Prevent. Promote. Protect.

**Greene County**

# Spa Operation Reference Guide

## Chemical Levels

- All spas must have a DPD pool test kit with fresh chemicals
- Readings that must be taken manually and recorded at beginning of the day:
  - > Free chlorine: 2.0 ppm
  - > Combined chlorine: must be under 1.0 ppm (above 1.0 ppm, need to superchlorinate)
  - > pH: 7.2-7.8
  - > Temperature: 104° F or below
  - > ORP: 650 mv minimum. ORP system is required, and must be interlocked with the circulation pump, or equipped with an acceptable flow switch
- Readings that must be taken weekly:
  - > Alkalinity: above 60 ppm
  - > Cyanuric Acid: under 70 ppm (when added, or using a stabilized chlorine product)  
*Note: if level is above 70 ppm, the spa must be drained to remove cyanuric acid.*
- Spa must be drained every 30 days

## Safety

- All spas must have:
  - > Warning/caution signs posted
  - > Depth markings on deck
  - > First aid kit
  - > Telephone and emergency numbers posted
  - > Closed signs to post whenever spa is not open for use—**Must** say “Warning Spa Closed” or “Danger Spa Closed”
  - > Fence or barrier enclosure with self-closing gate/door
  - > Ring buoy with rope
  - > Backboard
  - > Restrooms available
  - > Underwater lighting if spa is used at night
  - > Main drain must be approved type, and secured in place

## Spa Closures

- Spa must be closed when:
  - > Circulation pump is inoperable
  - > Chlorine level is below 2.0 ppm
  - > pH is below 7.2
  - > pH is above 7.8
  - > Bottom of spa is not visible
  - > Main drain cover is loose or missing
  - > Water level is below skimmers
  - > Cyanuric acid level is above 70 ppm
  - > Any body fluid accident occurs

