Swimming Pool Operation
Reference Guide

Chemical Levels

- **All pools must have a DPD pool test kit with <u>fresh</u> chemicals**
- **Readings that must be taken from the pool deck and recorded at beginning of the day, and every 4 hours if taken manually, or once every 12 hours when using an ORP system:**
  - **>** Free chlorine: 1.0 ppm
  - > Combined chlorine: must be under 1.0 ppm (above 1.0 ppm, need to superchlorinate)
  - > pH: 7.2-7.8
  - > Temperature: under 90° F
  - > ORP (if installed): 650 mv minimum
- **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 pool will need to be partially drained to remove cyanuric acid.*

Safety

- **All pools must have:**
  - **>** Warning/caution signs posted
  - > Depth markings on deck
  - > First aid kit
  - > A working telephone with emergency numbers posted
  - > Closed signs to post whenever pool is not open for use. Signs <u>***must***</u> say: "**Warning Pool Closed**" or "**Danger Pool Closed**"
  - > Fence or barrier enclosure with self-closing and latching gate/door
  - > Ring buoy with minimum 30-60 feet of rope attached
  - > Shepherd's crook
  - > Backboard/spine board
  - > Restrooms available (stocked with soap, toilet paper, disposable towels)
  - > Underwater lighting if pool is used at night
  - > Main drain/equalizer drain covers must be VGB compliant, secured in place, with documentation of the manufacturer's lifespan for each cover.
  - > Lifeguards must be certified and current; must present certification documentation upon request (if guards are required)

Pool Closures

- **Pools must be closed when:**
  - **>** Circulation pump is inoperable
  - > Chlorine level is below 1.0 ppm
  - > pH is below 7.2
  - > pH is above 7.8
  - > Bottom of pool is not visible
  - > Main drain cover is loose or missing
  - > Water level is below skimmers
  - > Cyanuric acid level is above 70 ppm (if used)
  - > Following a bodily fluid incident in the pool