

HOT TUB AND SWIM SPA BALANCING

1. IMPORTANCE OF BALANCING YOUR WATER

- If you haven't already had your tap water tested and purchased your start up chemicals, please bring in a water sample to one of our locations if you are able. If not you can text the Watercare Concierge a picture of your test strip at 918-932-2943.
- Testing the water is important to make sure the minerals and chemicals work effectively as well as making sure the water is good on your skin and on the spa itself.
- Adjust the following:
 - pH: 7.2 to 7.8
 - Alkalinity: 90-150
 - Hardness: 200ppm minimum
- Balancing chemicals will be needed to make sure your water falls within the correct parameters on pH, Alkalinity, and Hardness.
 - pH/Alkalinity decriaser (**Spa Down**)
 - pH/Alkalinity increaser (**Spa Up**)
 - Hardness increaser (**Calcium Booster**)
- Follow instructions and dosages on the bottles of any balancing chemicals you purchase, or if you get a free water test at one of our locations your dosages will be calculated for you.

2. USING A TEST STRIP

- With a dry hand pull one test strip out of the bottle
- Dip test strip into water down to about your elbow
- Immediately pull strip out of water and compare it to the colors on the bottle

3. READING THE TEST STRIP AND ADJUSTING AT HOME

Always adjust Alkalinity first then retest after 1 hour and adjust pH if needed

It is better to make small adjustments and retest than to potentially over adjust

Wait 1 hour to retest water between doses of balancers

- FCL- Free Chlorine
 - If the level is .5 or lower add **Spa 56** to increase Chlorine. Dosage is 1 Tbsp per 500 gallons.
 - If the level is higher than 1ppm with a mineral stick or 3 ppm without a mineral stick you do not need to add any chlorine
- Alk- Alkalinity
 - If the Alkalinity is reading low add in 1 to 2 Tbsp of Alkalinity Increaser or Spa Up at a time
 - If the Alkalinity is reading high add in 1 to 2 Tbsp of Alkalinity Decreaser or Spa Down at a time.
- pH
 - If the pH is reading low add in 1 to 2 Tbsp of Spa Up or pH Increaser
 - If the pH is reading high add in 1 to 2 Tbsp of Spa Down or pH Decreaser
- TH-Total Hardness
 - If Total Hardness is reading too low add in Calcium Hardness Increaser, follow dosage instructions on bottle
 - If Total Hardness is reading too high do not add anything. You can bring in the water for a test in our spin lab for a more accurate reading if needed.