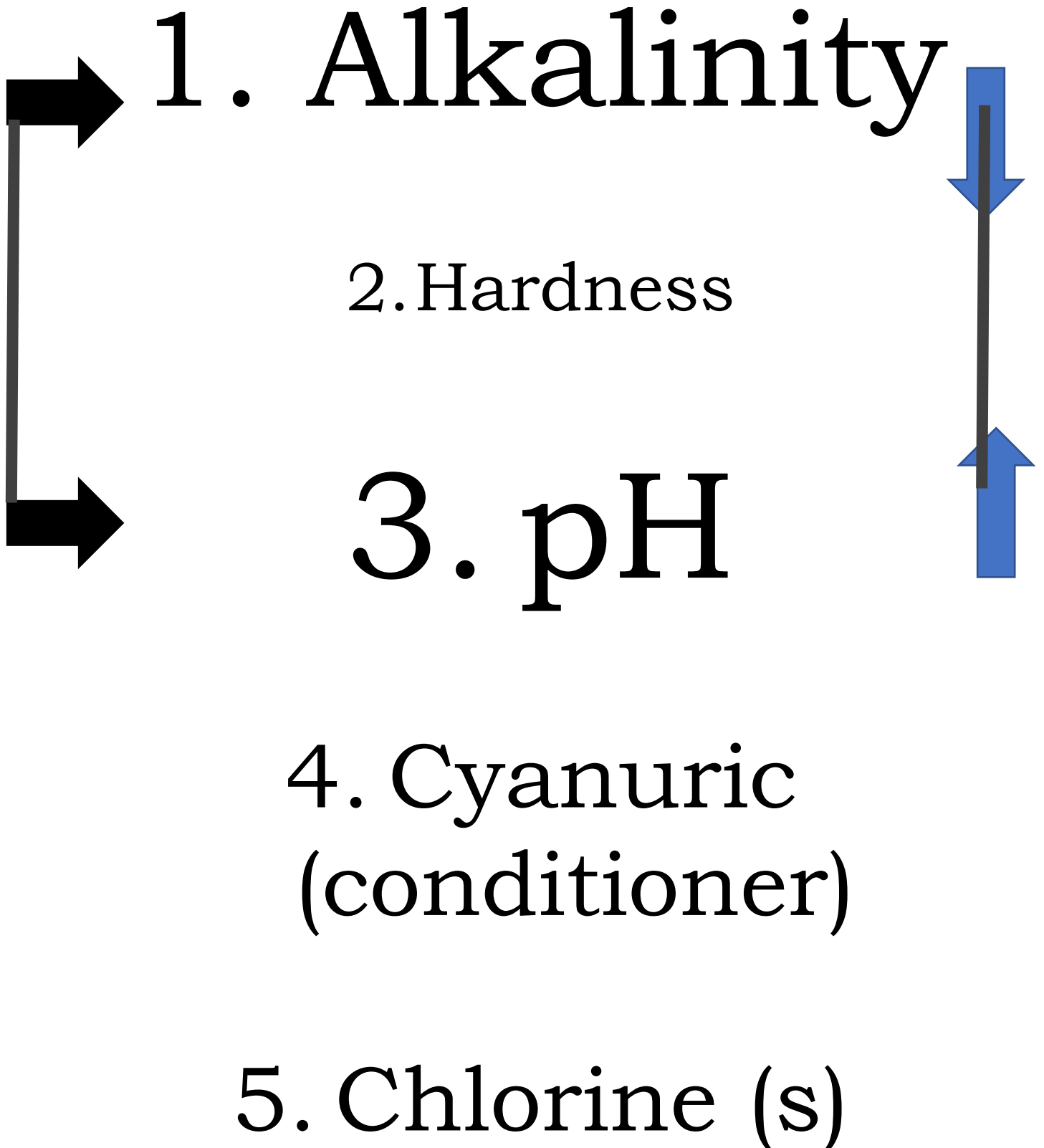


PAGE 1:

In Sequence of balancing one at a time



Pool chemistry in PPM parts per million, except phosphates (which is PPB billion)

1. Total Alkalinity 125—150

2. Hardness 240—300
(some tap water or older pools might be over 500!)

3. pH 7.2—7.6 (summer):

4. (winter) 7.6—7.8

5. Conditioner (Cyanuric Acid)

(initial 20—40)

(Later needs to be 80—100 for saltwater)

6. Free Chlorine: 1—3:

Total chlorine: 1—4

- Phosphates (less than 500 PPB) otherwise greenish pool water
- TDS (total dissolved solids): less than 1200
- Nitrate keep below 9

Phosphates: TDS (total dissolved solids):
Test Nitrates at Leslies

**This is really simple but is important.
Avoid a false reading: get an accurate reading.**

1. Take the alkalinity reading (say 100)
2. Put the number aside (100)
3. Take the cyanuric reading (say 60)
4. Divide the cyanuric reading by 3 (20)
5. Subtract 20 from the alkalinity number
6. The answer is ADJUSTED alkalinity

EG.

Total alkalinity 100

Cyanuric is 60

Total alkalinity 100 minus 20 = 80 adjusted alkalinity

10,000 gallons

ADDING CHEMICALS

Numbers on chemical bottles/buckets are calculated on 10,000 gallons of water.

If your pool is 1500 gallons more than 10,000 gallons, add **15%** more to the 10k calculation to the bottle/bucket instructions (multiply by 1.15).

Or if it is less than 10k, say 8,000 gallons, then use .80 multiplied by the 10k formula.

Remember this is for 10,000 gallons

For Alkalinity and pH

If pH is 7.8, reduce to 7.2:

add 3 pounds of dry acid (pH down or pH decreaser)

OR, if using muriatic (liquid), add 36 FL OZ.

It is 3 pounds of dry acid to 36 fl oz of muriatic

Mix dry acid in a gallon of pool water with a paddle until dissolved.

Pour it into the skimmer with the pump on high speed.

Formula:

for every 1/10 PPM (e.g. 7.8 to 7.7), add ½ pound.

$$7.8 - 7.2 = .6$$

$$6 \times .5 \text{ dry acid} = 3 \text{ pounds}$$

Page 4:

This is really simple but is important.

- 1. Take the alkalinity reading (say 150PPM)**
- 2. Put the number aside (150)**
- 3. Take the cyanuric reading (say 60)**
- 4. Divide the cyanuric reading by 3 (20)**
- 5. Subtract it from the alkalinity number**
- 6. The answer is ADJUSTED alkalinity**

EG.

Total alkalinity 150PPM

Cyanuric is 60PPM

Total alkalinity 150 minus 20 = 130 adjusted alkalinity



AS A NEW POOL OWNER WHAT ARE MY RESPONSIBILITIES

1. TAKE SOURCE WATER TO BE TESTED FOR METALS BEFORE POOL IS FILLED.
2. MAKE SURE A FILTER IS USED TO FILL POOL.
3. **DO NOT TURN OFF WATER WHILE POOL IS FILLING. RUN POOL 24 HRS A DAY FOR FIRST 28 DAYS.**
4. DO NOT SWIM UNTIL POOL IS PROPERLY BALANCED 5-7 DAYS
5. DO NOT TURN ON HEATER FOR FIRST 28 DAYS.
6. MAKE SURE A SEQUESTERING AGENT IS ADDED AFTER POOL IS FILLED.
ORENDA SC1000 IS HIGHLY RECOMMENDED FOR QUARTZ SCAPES AND STONE SCAPES.
ADDITION OF 1 QT PER 10,000, 14 DAYS LATER SAME DOSAGE AND 3 OZ PER 5,000
EACH WEEK AFTER THAT.
7. DO NOT SHOCK POOL FOR AT LEAST 14 DAYS. FILL CHLORINATOR, OPEN TO MAX,
BREAK UP TABS IN SKIMMER TO ESTABLISH CHLORINE RESIDUAL.
8. **BRUSH POOL TWICE DAILY FOR FIRST 28 DAYS.** ONCE A WEEK
AFTERWARDS
9. **KEEP POOL WATER BALANCED.**
10. USE AT LEAST 4 IN 1 TEST KIT, TESTING ONCE A WEEK. TAKE TO PROFESSIONAL
AT LEAST ONCE A MONTH. ALWAYS KEEP CHEMICAL TEST
RESULTS. FAILURE TO DO SO MAY VOID YOUR WARRANTY.
11. KEEP SKIMMER BASKETS CLEAN.
12. OPERATE POOL FILTER DURING THE DAY IN SUMMER, NIGHT TIME IN WINTER.
13. MAKE SURE FILTER IS RUNNING THE PROPER AMOUNT OF TIME PER DAY.
14. IF YOU DISCOVER ANY FINISH ISSUE, CONTACT YOUR BUILDER, IF NECESSARY HE OR
SHE WILL CONTACT NPT.

BALANCED POOL

1. ADJUSTED ALKALINITY 80-110 PPM TOTAL ALKALINITY 125-150 PPM
2. PH 7.2-7.8 (LOWER IN SUMMER, HIGHER IN WINTER)
3. CALCIUM HARDNESS 200-275 PPM
4. CYA 20-40 PPM
5. FREE CHLORINE 1.0-3.0
6. TDS BELOW 1200 PPM
7. PHOSPHATES BELOW 100 PPB
8. NITRATES BELOW 9 PPM

OWNER POOL FINISH WARRANTY INFORMATION

IMPORTANT DO'S AND DON'TS

1. DO NOT TURN WATER OFF WHILE POOL IS FILLING. BATHTUB RINGS ARE PERMANENT.
2. BRUSHING TWICE A DAY IS ESSENTIAL. DETERMINE WHO WILL BE DOING BRUSHING.
3. DO GET WATER TEST WEEKLY BY A PROFESSIONAL. RECORDS NEED TO BE KEPT.
4. DO NOT ALLOW ANY PERSON, CHILD, OR PET TO WALK ON UNCURED PLASTER FINISH OR SWIM UNTIL POOL WATER IS BALANCED.
5. DO USE AS MANY HOSES AS POSSIBLE TO FILL POOL. MAKE SURE FILTERS ARE ON END OF HOSE.
6. DO MAKE SURE YOU OR SOMEONE ELSE IS ADDING A SEQUESTERING AGENT.
7. DO RUN POOL FILTER 24 HRS FOR THE FIRST 28 DAYS.
8. DO NOT RUN HEATER OR CLEANER FOR THE FIRST 28 DAYS.
9. DO NOT ADD SALT FOR 28-30 DAYS.
10. DO MAINTAIN A WELL BALANCED POOL. SEE BELOW

PLEASE UNDERSTAND STREAKING, GRAY DEPOSITS, SCALE, WHITE OR LIGHTER PASTY AREAS, A FADING APPEARANCE, STAINS DUE TO METALS IN THE WATER, YELLOWING OF THE FINISH ARE **NOT WARRANTY ISSUES**. CONTACT THE PERSON THAT STARTED THE POOL UP.

REMEMBER BRUSHING IS ESSENTIAL OR YOUR POOL FINISH WILL NOT MEET YOUR EXPECTATIONS. YOUR POOL FINISH WILL CURE FOR THE NEXT 10-12 MONTHS.

SOURCE WATER HAS CHANGED TREMENDOUSLY DURING THE PAST 8 YEARS DUE TO THE DRAUGHT AND FOLLOWING FLOODS. METALS ARE PRESENT IN HIGH LEVELS IN SOME AREAS. HAVE SOURCE WATER TESTED BEFORE FILLING POOL.



A.P.S.P. BALANCED POOL

DKM

TOTAL ALKALINIY	110-150 PPM	FREE CHLORINE	1.0-3.0 PPM
PH	7.2 – 7.8 PPM	TOTAL CHORINE	1.0-3.0 PPM
CALCIUM HARDNESS	200-275 PPM	PHOSPHATES	BELOW 100 PPB
CYA	UNDER 100 PPM	NITRATES	BELOW 9 PPM
METALS	ZERO		

WEEKLY CHEMICAL INSTRUCTIONS

1ST SUNDAY—1) CHECK PH—ADD 1 PT ACID IF ABOVE 8.0 REPEAT EVERY 2 HRS UNTIL PH IS

BETWEEN 7.2-7.8 SUMMER 7.2- WINTER 7.8

2) CHECK CHLORINE S/B 1.0-3.0

3) BRUSH POOL

4) ADD 1# CHLORINE SHOCK PER 10K

5) CLEAN CARTRIDGE FILTER/BACKWASH FILTER

1ST MONDAY-ADD 8OZ ALGAECIDE AND WEEKLY DOSE SEQUESTERING AGENT

2ND SUNDAY REPEAT STEPS 1-4 OF 1ST SUNDAY

2ND MONDAY- WEEKLY DOSE SEQUESTERING AGENT

3RD SUNDAY- REPEAT STEPS 1-3 OF 1ST SUNDAY

3RD MONDAY- ADD 8OZ ALGAECIDE AND WEEKLY DOSE SEQUESTERING AGENT

4TH SUNDAY- REPEAT STEPS 1-3 OF FIRST SUNDAY

4TH MONDAY- WEEKLY DOSE SEQUESTERING AGENT

If there is a 5th Sunday, just treat as a 4th Sunday again that way you stay on schedule.

All you have to do is keep a watch on your filter pressure.

THIS IS SUMMER SCHEDULE. IN THE WINTER SHOCK POOL ONCE PER MONTH WITH NON CHLORINE OXIDIZER.