



COMBINED CHLORINE MANAGEMENT PLAN

Facility Name:	
Name of Pool Operator and Title of Person completing this Plan:	
Pool Name: (description and license number)	
Pool Location: (indoor or outdoor, location on premises)	
Description of showering requirements and how they are communicated to patrons:	
Air exchanges per hour in ventilation system (if known):	
Deck cleaning and disinfection schedule and product names:	
Volume of Pool: (gallons)	
Range of Volume of Fresh Source Water Added Each Day: (gallons)	
Source water combined chlorine: (if applicable) <i>Contact public water supply to find out if they add chemicals to create a residual of monochloramines in the source water.</i>	
Action Level: (ppm of combined chlorine) Note: If source water combined chlorine has a measurable level of combined chlorine, this will affect your combined chlorine reading for your pool. If no break-point or hyperchlorination has been done at the pool and most of the water is fresh source water, such as with a whirlpool, then source water combined chlorine reading can be subtracted from the pool combined chlorine reading. <i>It is recommended to use 0.4 ppm and conduct breakpoint chlorination at this point.</i>	
Combined chlorine test results: Keep test records on Monthly Report of Pool Operation Note: Remember to factor in the error of the test kit. For example, if result is 0.4PPM on a Taylor Test Kit, the value is actually 0.4 +/-0.2ppm. Therefore, breakpoint chlorination should be done assuming the higher possible result (0.6ppm)	
Breakpoint chlorination: Keep records of date, time and amount of product added on the Monthly report.	
Complaints of eye or respiratory irritation: Record reports of eye or respiratory irritation. Can be made in comment section of the Monthly Report or on the Swimming Pool Death, Injury or Illness form if EMS services was called.	

Breakpoint Chlorination (desired change) = **(Combined Chlorine ppm x 10) – Existing Free Chlorine ppm**

Example: Calculate the desired chemical change to achieve breakpoint chlorination in a pool with a free chlorine level of 2.0ppm and combined chlorine level of 0.4ppm

Desired change = (0.4 x10) – 2.0

Desired change = 4.0 – 2.0

Desired change = 2.0 ppm *(see product label to calculate amount of product to add)