

Analysis Date: 3/19/2008 - 20,000 gals. - Pool - Pebbled

This analysis is designed for use only with the BioGuard® brand products named in this computerized water analysis printout, and is correct to the best of BioLab, Inc.'s knowledge. BioLab is not responsible for any use of this printout with products other than the BioGuard® brand products named in this printout, and use of this printout with other products could result in improper or incorrect treatment of the pool water.

Conditions			Recommendations
	Current	Ideal	
Temperature:	72		<p>Thank you for using BioGuard products! Follow the ALEX recommendations below to properly balance your water and enjoy the swimming season to the fullest! When applying product, add to the deep end and brush up any undissolved product. Predissolve only if directed to do so by your BioGuard Dealer or the printout.</p> <p>Your Saturation Index is low. This indicates that your total alkalinity, pH and/or total hardness are out of balance. Low Saturation Index can cause corrosion of equipment, surface damage, and eye and skin irritation. To properly balance the water, follow the instructions below.</p> <p>Total Alkalinity Add 25.5 lb(s) of Balance Pak 100</p> <p>Your total alkalinity is low. Add Balance Pak 100 directly to the pool with the pump running. Brush up any undissolved product. Low total alkalinity can cause equipment corrosion, surface damage and swimmer discomfort. If the amount of product EXCEEDS 4 lbs. per 10,000 gallons AND metals are present, divide the dose into thirds, predissolve and apply every 4 - 6 hours to prevent staining. Wait 2 hours, then proceed to the next step. Wait 15 - 30 minutes after applying product to swim.</p> <p>pH Add 4.75 lb(s) of Lo 'N Slo</p> <p>Your pH needs adjustment. Other products recommended in this printout may affect the pH and are taken into account in this recommendation. Therefore, the actual pH may be ideal, but a final adjustment is needed to account for the impact of other products. High pH can cause cloudy water, scale buildup and can damage equipment. For finishes other than colored plaster, add directly to the pool with the pump running. Brush up any undissolved product. For colored plaster, predissolve Lo 'N Slo in a bucket of cool tap water, and pour solution into the pool in an area of strong circulation from a return fitting OR remove all products from the skimmer and apply slowly through the skimmer and circulate 24 hours. Do not add product through the skimmer if plumbing, filter housing or pump impeller are metal. Do not apply faster than 1 lb. per minute through the skimmer. Do not add any more granular or liquid products to the skimmer for 24 hours. Maximum dose is 1.5 of Lo 'N Slo per 10,000 gallons every hour. Wait 15 minutes, then proceed to the next step. Do not swim for 15 - 30 minutes after applying.</p> <p>Total Hardness Add 21 lb(s) of Balance Pak 300</p> <p>Your total hardness is low. Add Balance Pak 300 directly to the pool with the pump running. Do not predissolve. If the total amount of product recommended is greater than 6 lbs. per 10,000 gallons, divide the dosage into thirds and apply every 6 hours. Brush after each application to disperse any undissolved product. After the first application, proceed to the next step. Do not swim for 15 - 30 minutes.</p> <p>Add 2 bag(s) of Smart Shock</p> <p>Add directly to the pool with the pump running to eliminate low combined chlorine residual or boost the free chlorine residual. Brush up any undissolved product. Do not swim for 15 minutes after applying Smart Shock. Proceed to</p>
Saturation Idx:	-0.4	-3 - +.3	
TDS:	600	< 2500	
CYA:	50	30 - 200	
Tot. Chlorine:	0	1 - 3	
Free Chlorine:	0	1 - 3	
pH:	8.2	7.4 - 7.6	
Tot. Alkalinity:	85		
Adj. Total Alk.:	70	125 - 150	
Tot. Hardness:	30	200 - 250	
Copper:	Not Tested	0	
Iron:	Not Tested	0	
Manganese:	No	No	
Cloudy:	None		
Staining:	None		
Quat:	Not Tested	4 - 6	
Green Algae:	Extensive		
Black Algae:	None		
Mustard Algae:	No		
Slime/Mold:	No		
Filter Cleaned:	3/19/2008		
Plaster < 12:	No		
Spring Opening:	No		
Temp. < 32:	No		
CD Sample:	Not Tested		
CD Standard:	Not Tested		
CD Test Type:	None		
Tester:	n/a		

Analysis Date: 3/19/2008 - 20,000 gals. - Pool - Pebbled

the next step.

Green Algae

Add 16 oz(s) of PowerFloc

Note: Skip this step if you cannot vacuum to waste. Add PowerFloc according to label instructions. Circulate the pool for 2 hours to distribute the PowerFloc. Shut off the pump and allow the pool to sit without circulation overnight. The next morning, vacuum to waste. After vacuuming, add water if needed and proceed to the next step.

Add 4 bag(s) of Burn Out Extreme

AND

Add 32 oz(s) of Banish

Add oxidizer directly to the pool with the pump running. Brush up any undissolved product. Circulate one hour, then add Banish directly to the pool, concentrating on areas of heavy growth. Circulate 24 hours. NOTE: Black algae may take additional brushing to loosen growth from sides and bottom. Proceed to the next step. Do not add your normal preventive algicide within 7 days of the Banish application.

After completing all of the product applications, brush the sides and bottom of the pool and vacuum any remaining algae to waste. Retest the water and make final adjustments to pH, sanitizer, and any other affected water balance parameters. Clean all equipment used recently to prevent algae reinfestation. Backwash the filter thoroughly.

Use Strip Kwik to clean dead algae from the filter

After completing the algae treatment, it is important to chemically clean your filter to remove dead algae and oxidized materials from the filter media. Use Strip Kwik according to label instructions.

Initial dose of Algae Inhibitor

Add 26 oz(s) of Back Up

Add this initial dose with the pump running. This amount is needed for first time addition in the spring, for a fresh fill or if your quat residual is very low. If algae growth is present, it may indicate inconsistent maintenance and a lower algicide residual. In this case, it may be necessary to re-apply the initial dose. You are using Banish for your algae growth. Wait 7 days after applying Banish to add the algicide recommended above.

Regular Maintenance

Maintain 1 - 3 ppm chlorine residual with Silk Tab 3"

Use slow-dissolving Silk Tabs™ with Sunshield® according to label instructions to maintain your chlorine residual. Maintaining a consistent chlorine residual helps prevent algae and bacterial growth. Test the chlorine residual twice a week.

Maintenance Oxidizer

Add 2 bag(s) of Smart Shock weekly to eliminate undesirable compounds

Add directly to the pool with the pump running. Smart Shock is specially formulated to help clarify water and help prevent algae growth. Check the chlorine residual 15 minutes after applying. You may swim after 15 minutes if the chlorine residual is 1 - 4 ppm.

Maintenance dose of Algae Inhibitor

Add 8 oz(s) of Back Up - Every Other Week

Back Up is the third step of the 3-Step Program. It works with your sanitizer and maintenance oxidizer to help prevent algae growth. Add directly to the pool

Analysis Date: 3/19/2008 - 20,000 gals. - Pool - Pebbled

with the pump running.

You are using Banish for your algae growth. Wait 7 days after applying Banish to add the algicide recommended above.

Add 4 oz(s) of Polysheen Blue - Weekly

To keep your water sparkling clear, apply Polysheen Blue once a week. Add directly to the pool with the pump running. Do not overdose. You may swim immediately after adding Polysheen Blue.

Carefully read and follow label instructions on all products. It is a violation of Federal law to use an EPA registered product in a manner inconsistent with label directions.

Shopping List

- 1 - 1 qt. Bottle(s) of Strip Kwik
 - 1 - 1 qt. Bottle(s) of PowerFloc
 - 2 - 1 lb. Bag(s) of Smart Shock
 - 1 - 25 lb. Bag(s) of Balance Pak 100
 - 1 - 4 lb. Box(es) of Balance Pak 100
 - 2 - 3 lb. Bottle(s) of Lo 'N Slo
 - 1 - 1 qt. Bottle(s) of Back Up
 - 4 - 1 lb. Bag(s) of Burn Out Extreme
 - 1 - 15 lb. Bucket(s) of Balance Pak 300
 - 2 - 5 lb. Bottle(s) of Balance Pak 300
 - 1 - 1 qt. Bottle(s) of Banish
-

Sales Messages

2007 Consumer Promotion

Win a \$50,000 backyard make-over! Purchase New Silk Tabs or Silk Sticks and be eligible to win a \$50,000 backyard make-over, or other valuable prizes. Ask your BioGuard Dealer about details for entering the sweepstakes!

Our Skim Mor skimmer screen traps oils, lotions, cosmetics and more. The secret to its effectiveness is Mycelx - a powerful new material that's fused onto a durable elastic cover made to fit over a pool's skimmer basket. The special Mycelx coating actually removes body oils, suntan lotion and other organic materials from the water before it can clog the filter. Once mounted, it even provides a deep pocket that will catch other common pool debris, including leaves, grass and small insects. Each Skim Mor lasts about two weeks, depending on the amount of debris and oils in the water.

BioGuard New Improved Off the Wall contains a new blend of active ingredients that is ten times thicker than the previous formula. The new gel clings to pool and spa surfaces and cleaning tools better to allow for easier application and more effective cleaning with less scrubbing. The new Off the Wall is up to four times better at penetrating soil, scale and hard deposits than the original formula. Off the Wall removes stubborn scale, metal stains, grease and dirt. Use for maintenance to remove waterline buildup that can harbor bacteria and lead to embedded stains.

This analysis is designed for use only with the BioGuard® brand products named in this computerized water analysis printout, and is correct to the best of BioLab, Inc.'s knowledge. BioLab is not responsible for any use of this printout with products other than the BioGuard® brand products named in this printout, and use of this printout with other products could result in improper or incorrect treatment of the pool water.
