



Ontario Demo Store
 123 Somewhere St., Back Country Township
 416-666-7777
 N/A

Hot Tub water test performed for:

Paul Parsons: paul@backyardbrands.com @ 110 Riviera Drive, Markham, Ontario, L3R5M1

Hot Tub Info

Volume: 1000 Litre
 Acrylic/Thermoplastic

Water Test Information

Date: 2010-11-14
 By: User Demo
 Test Type: Check-up
 Algae/Biofilm: No
 Turbidity/Cloudy: Yes
 Temp.: 40.00 °C
 TDS: 1234 ppm

Sanitizer: Bromine

Total	Free	Ideal(ppm)
2.0		3-5

pH: 7.5 7.4 - 7.6

Actual(ppm)	Ideal(ppm)
TA: 180	125-150
Ca: 85	100-200
Cu: 0.0	0
Fe: 0.0	0
Mn: 0.0	0
Po: 200 ppb	0 ppb

Water Balance

Your Saturation Index is 0.10. **Saturation Index** is an overall measure of water balance. The acceptable range is -.5 to +.5. Outside this range can lead to corrosion or scale-formation. Follow the detailed instructions below to correct any individual water balance issues and/or resolve other hot tub water problems. Read product label directions carefully before using any recommended product.

Add 24 gms (2½ capful(s)) of Dazzle Pro Balance pH- for 5 day(s).

Add **Dazzle Pro Balance pH-** by evenly and slowly applying across the surface of the water. Apply one dosage per day to slowly lower your TA without destroying pH. Do not apply next application if pH is below 7.2. Allow it to rise on its own above 7.2 before recommencing scheduled applications. Wait 3 hours before proceeding to next step.

Add 70 gms of Dazzle Pro Balance TH+.

Add **Dazzle Pro Balance TH+** by dividing the total amount required into 3 equal additions and adding in 3 hour intervals. Apply evenly and slowly across surface of hot tub water with pump operating and aeration off. Wait minimum 3 hours before proceeding to next step.

You have insufficient sanitizer.

Following the instructions in the biofilm/clarity section will address your sanitizer issues. Return a sample afterwards to correct any problems remaining.

Add 1 L of Dazzle Phos Cleanse.

The ideal phosphate level in hot tub water is 0 ppb. Add **Dazzle Phos Cleanse** at the recommended rate by adding slowly through the skimmer or in front of the suction plate with the pump running. Shake well prior to application and run the pump/filter periodically. After 48 hours, remove the filter cartridge(s) and rinse clean. Each addition of 1 L of **Dazzle Phos Cleanse** will remove approx 800 - 1,000 ppb of phosphate from the water. Repeat applications as necessary. Water may cloud but will clear with filtration.

Problem Solving

To treat cloudy water:

Add 33 gms (3½ capful(s)) of Dazzle Bromine Granules.

To clear cloudy water, shock treat first to restore sanitizer residual by applying **Dazzle Bromine Granules**. Leave cover off for minimum 1 hour. Wait 1 hour before application of **Dazzle Nature Sheen**.

Add 20 mL (1 capful(s)) of Dazzle Nature Sheen.

Apply **Dazzle Nature Sheen** to restore water clarity. Run filter continuously until clear. Re-apply **Dazzle Nature Sheen** dosage rate after filter cleaning or after 24 hours if water is still cloudy.

Use Dazzle Filter Cleanse.

Cloudy water can be a result of a poorly performing filter. Regular cleaning of the filter media (cartridge, sand, DE elements) helps maintain proper filtration efficiency and clear water. Apply **Dazzle Filter Cleanse** according to label directions to clean filter media.

General Product Application Instructions:
 Refer to label directions for each product to be added.
 Always add products sparingly and evenly across the water surface.
 Always add products with the pump running and the aeration off.
 Follow proper wait times between additions for best results.

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