Presented by:

POOLSCAPE

PREVIOUSLY Sundance Pools

Swimming Pool Maintenance Manual

Purpose:

This manual provides basic procedures for maintaining a clean, safe, and efficient swimming pool. Proper maintenance helps ensure good water quality, extends equipment life, and reduces repair costs.

Daily Maintenance:

Water Level
- **Keep the water level at the midpoint of the skimmer opening.**
- **Add water if the level is too low.**
- **Drain excess water after heavy rain if necessary.**

Skim the Surface
- **Remove leaves, insects, and floating debris using a leaf net.**

Check Water Clarity
- **Water should be clear enough to see the deepest part of the pool.**
- **Investigate cloudy or green water immediately.**

Empty Skimmer and Pump Baskets
- **Remove debris from baskets.**
- **Replace baskets securely before restarting the pump.**

Check Pump Operation
- **Ensure the pump runs smoothly without unusual noises or leaks.**

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Weekly Maintenance

Brush Pool Surfaces

Brush:
- **Walls**
- **Floor**
- **Steps**
- **Corners**
- **Waterline tiles**

Vacuum the Pool

Vacuum manually or with an automatic cleaner to remove settled dirt.

Test Water Chemistry

Maintain the following levels:

Filter Maintenance

Sand Filter

- **Backwash when pressure rises 8–10 psi (0.5–0.7 bar) above normal.**
- **Rinse after backwashing.**
- **Replace sand every 5–7 years.**

Cartridge Filter

- **Remove cartridge.**
- **Hose clean from top to bottom.**
- **Replace every 2–3 years or as recommended.**

DE (Diatomaceous Earth) Filter

- **Backwash when required.**
- **Recharge with fresh DE powder.**
- **Perform a complete cleaning annually.**

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Pump Maintenance

- Inspect for leaks.
- Lubricate O-rings if required.
- Clean the pump basket weekly.
- Ensure adequate water flow.
- Prime the pump after cleaning.

Chemical Safety

Always:

- **Wear gloves and eye protection.**
- **Store chemicals in a cool, dry, ventilated area.**
- **Keep chemicals in their original containers.**
- **Keep out of reach of children.**

Never:

- **Mix chlorine with acids.**
- **Mix different chlorine products.**
- **Add water to chemicals (always add chemicals to water if dilution is required).**
- **Store incompatible chemicals together.**

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Monthly Maintenance

- Inspect pool lights.
- Check ladders and handrails.
- Inspect plumbing for leaks.
- Examine pump seals.
- Clean the waterline thoroughly.
- Test all safety equipment.

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Seasonal Maintenance

Opening the Pool

- **Remove the cover.**
- **Clean debris.**
- **Fill to the proper level.**
- **Reconnect equipment.**
- **Shock the pool.**
- **Balance water chemistry.**

Closing the Pool

- **Clean thoroughly.**
- **Balance chemicals.**
- **Lower the water level if appropriate.**
- **Drain vulnerable equipment where required.**
- **Install the winter cover.**

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Troubleshoot

Problem	Possible Cause	Solution
Cloudy water	Poor filtration, low chlorine	Clean filter, balance chemicals
Green water	Algae growth	Shock the pool, brush surfaces, run filter continuously until clear
Strong chlorine smell	Chloramines	Shock the pool
Low water flow	Clogged basket or filter	Clean basket and filter
Air bubbles	Air leak in suction line	Inspect fittings and pump lid seal
High filter pressure	Dirty filter	Maintenance schedule

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