

CHESAPEAKE NATURAL SOLUTIONS

CLEANER WATER

Improve pond clarity & help protect waterways

A practical guide to how thoughtful property management can support people, landscapes, water resources, and long-term site health.

ASSESS

IMPROVE

PROTECT

MAINTAIN

Cleaner water begins with understanding what is entering the water and what is happening inside the system. Algae, aquatic weeds, sediment, nutrients, shoreline erosion, poor circulation, and stormwater runoff can all affect clarity and overall pond condition.

A clearer pond is often the result of several improvements working together - not a single treatment.

What Can Affect Water Clarity

- Nutrients carried into ponds by runoff, fertilizer, organic debris, or eroding soil.
- Suspended sediment and unstable shorelines.
- Dense algae or aquatic plant growth.
- Poor circulation or stagnant areas.
- Accumulated leaves, grass clippings, and decomposing organic matter.
- Drainage patterns and upstream conditions outside the immediate pond edge.

Our Water-Focused Approach

- Inspect the pond, lake, stormwater facility, shoreline, inlets, outlets, and surrounding drainage area.
- Identify algae and nuisance aquatic vegetation before selecting a management method.
- Consider aeration or circulation where it can support the overall plan.
- Address shoreline erosion and vegetative buffers where practical.
- Reduce nutrient and sediment inputs rather than relying only on repeated symptom treatment.
- Use aquatic products only when specifically labeled and appropriate for the waterbody and intended use.

Protecting Downstream Waterways

- Healthy buffers can slow runoff and trap some sediment before it reaches the water.
- Responsible fertilizer and soil practices can help reduce avoidable nutrient movement.
- Maintaining stormwater facilities helps them perform their designed drainage and water-quality functions.
- Managing invasive vegetation can improve access and help maintain intended site function.

What Improvement Can Look Like

- Better visual clarity where the underlying cause can be corrected.
- Reduced nuisance algae or aquatic vegetation pressure.
- More stable shorelines and less visible erosion.
- Improved maintenance access and a more manageable waterbody.
- A documented seasonal plan instead of repeated emergency treatments.

What Chesapeake Natural Solutions Clients Can Expect

- A site-specific discussion of goals, concerns, and sensitive areas.
- Recommendations based on observed conditions rather than a one-size-fits-all program.
- Clear explanations of treatment purpose, timing, follow-up, and maintenance needs.
- Responsible attention to labels, application requirements, weather, water, people, pets, and applicable regulations.

Important Information

This educational guide describes Chesapeake Natural Solutions' service philosophy. Specific products, claims, treatment methods, application intervals, certifications, permits, and availability depend on the property, target condition, product label, and applicable federal, state, and local requirements. An on-site assessment may be required before a final scope is prepared.