

Navigating Through Weeds

Strategic Approach to Industrial Aquatic Vegetation Management



Prevent a 50% Surge
in Costs with Timely
Weed Control



Unlock Sustainable
Waterway Health with
Advanced Harvesting



Cut Through Invasive
Weeds, Not Corners



Industrial Weed Management

From obstruction to opportunity: our mechanical harvesting offers a sustainable path forward for industrial waterways.

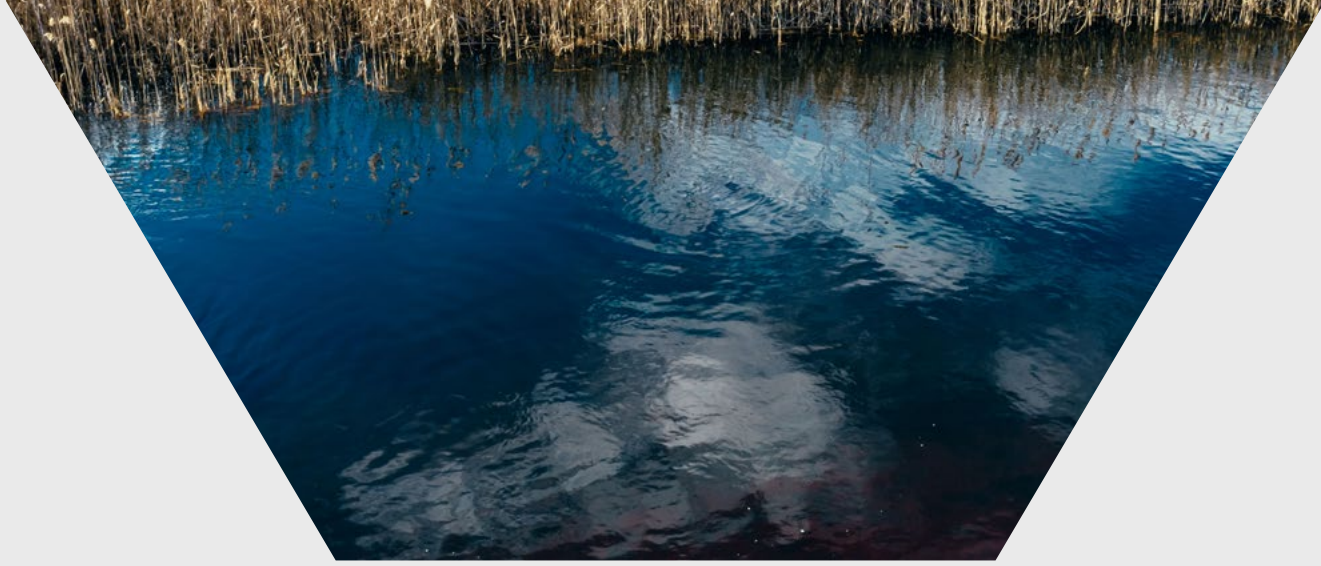
The challenge of aquatic weed proliferation presents a significant economic and operational hurdle for the industrial sector. Based on our extensive experience, we have found that without **systematic preventive maintenance**, the costs associated with the unchecked growth of specific invasive aquatic species, including phragmites, can escalate by up to 50% in a remarkably short timeframe compared to timely intervention. This stark figure underscores the urgent need for effective weed management strategies.

Invasive weed removal, including targeted efforts like cattail removal, industrial phragmite eradication, and industrial phragmite harvesting, is essential to maintaining the health and accessibility of waterways. These species can obstruct water flow, impair machinery,

escalate maintenance costs, and degrade water quality. The implications for industries relying on these water resources are far-reaching, encompassing both direct operational impacts and broader [environmental consequences](#).

At [Paragon ISG Environmental Industrial Services](#), we specialize in "area selective" **control of nuisance aquatic vegetation and lake weed removal** services. Our approach goes beyond addressing the symptoms of weed proliferation, focusing instead on sustainable, long-term management strategies. Utilizing mechanical aquatic vegetation cutters or harvesters, we offer a precise, **environmentally responsible solution** to manage aquatic weeds effectively, including invasive phragmite (weed) removal, eradication, and harvesting.





Our fleet of specialized equipment and our team's depth of expertise are instrumental in transforming these challenges into actionable solutions. Mechanical harvesting allows for the selective removal of invasive species, such as cattails and phragmites, providing an **eco-friendly alternative** to chemical treatments. This method not only clears obstructions but also contributes to the ecosystem's health by reducing the nutrient loads that fuel further growth.

Tailoring our services to meet the specific needs of each site, we prioritize critical areas for intervention, ensuring uninterrupted [industrial operations](#) and minimizing the environmental footprint. The benefits of adopting mechanical harvesting include not just the immediate improvement in water flow and quality but also the long-term sustainability of water resource management.

Investing in mechanical harvesting technology reflects a commitment to proactive weed management and the broader goal of preserving water quality. While initial costs and logistical planning are considerations, the advantages of **reduced chemical dependency**, enhanced operational efficiency, and environmental stewardship present a compelling case for this approach.

Our proactive and strategic methodology to managing aquatic weeds underscores a dedication to supporting industrial clients in overcoming these challenges. Leveraging our **comprehensive equipment** fleet and extensive expertise, we are focused on converting immediate concerns into enduring solutions, ensuring the sustainability of essential water resources for the industries we serve.



Readily Available Equipment For Industrial Aquatic Weed Removal

Mechanical Aquatic Vegetation Harvesters with Multiple Cutter Configurations

Our fleet includes specialized mechanical cutters and harvesters for precise, environmentally friendly removal of invasive aquatic weeds, such as cattails and phragmites. This method supports sustainable long-term management strategies without relying on chemical treatments.

P-Rex and Brontosaurus/Weed Harvester

These are part of our specialized mechanical equipment designed for the effective removal of dense aquatic vegetation, providing an eco-friendly alternative to chemical treatments.

Mini Dredger

This equipment is particularly effective for desludging operations in storm-water basins, tailings dams, and sludge ponds, addressing sedimentation that contributes to weed growth.



Paragon Auger Dredge

Featuring a 6' auger cutting head and capable of reaching up to 15' depths, the Auger Dredge is ideal for golf courses, ponds, lakes, sediment lagoons, and marinas. It plays a crucial role in removing sediments that facilitate the proliferation of aquatic weeds.

Dolphin Remotely Operated Surveying Boat

A cutting-edge solution for hydrographic surveys, the Dolphin Boat enables precise measurement and monitoring of water bodies. It's especially valuable for identifying areas requiring weed management or dredging, optimizing operational planning and execution.

Key Differentiators



01

On-site Support and Monitoring

Paragon ISG provides specialized on-site support, including ongoing monitoring and sampling for industrial wastewater treatment systems, environmental, and construction companies. This comprehensive support ensures the effectiveness of our equipment and solutions.

02

Customized Solutions

Tailoring our services to the specific needs of each site, we prioritize critical areas for intervention. Our approach ensures uninterrupted industrial operations while minimizing environmental impact.

03

Expert Team

Our technical staff and R&D engineers are highly trained and experienced. They not only ensure the optimal performance of our equipment but also periodically re-tool our solutions to make them better suited to the job sites and geographical areas we serve.

04

Safety and Efficiency

Safety is a non-negotiable standard at Paragon ISG. Our equipment is fully tested to meet all safety requirements and standards, ensuring safe, reliable, durable, and efficient operations.

Through these specialized equipment and solutions, coupled with our expert team's depth of knowledge, [Paragon Industrial Environmental Services](#) is uniquely positioned to help our clients navigate through the challenges of industrial aquatic weed management efficiently and sustainably.



Take action today for tailored solutions. **Contact us now at 740 492 0190.**



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