



Restoring Balance. Enhancing Beauty.

SOLitude Lake Management® is dedicated to making water a more healthy and beautiful part of our world. In that pursuit, we offer comprehensive lake, stormwater pond, wetland and fisheries management solutions that restore beauty and encourage ecological balance.

SOLitude's highly trained team of biologists, ecologists and aquatic resource management professionals is committed to innovation, technical advancement, and continuous research to provide clients with the best available value on the market. Through extensive knowledge and experience, superior customer service, vast service offerings and close partnerships with manufacturers, SOLitude Lake Management has established itself as the unparalleled leader of the industry.

Annual Management Services

After analyzing the health of your aquatic ecosystems, we will develop a proactive plan to help restore and maintain balance.

Aquatic Weed and Algae Control



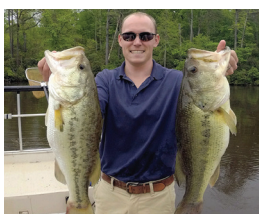
Before



After

We utilize the most advanced technologies, products and practices. Our lake weed control and algae treatment solutions help eliminate toxic algae and undesirable exotic and invasive weeds that would otherwise jeopardize the balance of the aquatic ecosystem.

Fisheries Management



Fisheries management revolves around several factors that influence the productivity of a fishery. Habitat, predator-to-prey ratios, fish species and genetics, water chemistry and available food all play a role in your fishery's success.

Reservoir Management



We work with water managers to assess reservoir conditions and water quality data, then formulate a site specific management program to maintain and restore drinking water quality.

Fountains, Aeration & Nanobubbles

Floating fountains, submersed diffusers and nanobubble treatments help provide circulation and beneficial dissolved oxygen to a waterbody, reducing stratification, improving biological activity, and mitigating the processes that facilitate algae growth.



Biological Augmentation

Our scientists are trained in the practice of biological augmentation: using microbial and enzyme-enriched products that aid in the maintenance of healthy aquatic ecosystems by degrading organic sludge and metabolizing excess nutrients.

Shoreline Erosion Control

Shoreline erosion can create hazardous conditions and reduce the lifespan of your waterbody. Bio-engineered living shorelines help establish a stable shoreline that protects your waterbody from sedimentation over time.



Nutrient Remediation Programs

Reduce phosphorus in your lake or pond with proven phosphorus locking technologies like Phoslock, Alum and Biochar. Sequestering phosphorus can greatly help improve water quality in lakes and ponds.

The SÖLitude Mission

Preserving and Protecting Ecological Balance

Buffer Management



In many situations, shoreline vegetative buffers are the single most important natural aspect to promoting and maintaining good water quality in your lake or pond.

Invasive Species Management

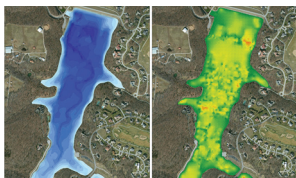


We offer aquatic and upland weed and invasive species management services to help combat harmful intruders. This is essential to promoting and maintaining a bio-diverse and healthy natural habitat.

Wetland Management

We practice an integrated approach when working in these fragile habitats, employing both herbicide application and mechanical techniques to maintain and restore these essential areas.

Lake Mapping and Bathymetry



Whether you are planning for dredging, tracking sedimentation, or looking to improve your fishery, we have the lake mapping tools you need to be successful.

Water Quality Testing and Restoration



Water quality monitoring, testing and restoration are the backbone of an integrated lake or pond management program and we are ready to develop a water quality restoration program that is tailored to your needs.

Mosquito and Midge Control

Mosquitoes and midges are not only a nuisance, they can pose a significant risk to public health. It's critical that your lake, pond or wetland management program includes integrated mosquito or midge prevention and control measures for all breeding habitats.



Stormwater BMP Inspections and Repairs

Our professionals are certified to inspect all aspects of your stormwater management facility and to make recommendations for maintenance and repairs when required. We can help you through every step of the repair process from planning to execution.

Mechanical Harvesting

Mechanical cutting/harvesting is a technique used for achieving "area selective" control of nuisance aquatic vegetation, and can be an effective alternative on sites where herbicides are not appropriate.



Hydro-Raking and Sediment Removal

Hydro-raking is an effective technique for area selective removal of nuisance, rooted vegetation as well as accumulations of unconsolidated bottom muck and debris.



Regulatory Compliance and Permitting

It's important to ensure that all aquatic pesticide applications are completed by experienced applicators that are aware of and compliant with new regulations. National, state and local permitting can pose significant challenges. Our compliance team will handle every step of the process to ensure that you remain compliant.

Learn more about our extensive service offerings at solitudelakemanagement.com/services and set up a site visit consultation with one of our experienced biologists or scientists.

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Call 855.976.9569 today to get started.

SÖLITUDE
LAKE MANAGEMENT

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