



Fisheries Management

Build A Thriving Fishery with Science-Backed Solutions

Growing big fish isn't easy and requires access to specialty tools, technologies, and expertise. You can make your dream fishery a reality with SOLitude Lake Management.

Our Fisheries Biologists have a proven track record of building and maintaining thriving fisheries through a science-backed management approach. From fish population surveys and habitat management to fish stocking, permitting, and regulatory compliance, our fisheries management experts can help you grow big, healthy fish.

5 Key Reasons To Partner with Our Fisheries Management Experts

1 Personalized Fisheries Management

SOLitude's Fisheries Biologists work closely with you to design a tailored Fisheries Management Plan that is customized to your specific goals, budget, and timeframe.

2 Comprehensive Services

SOLitude is your one-stop shop for fishery, lake, and pond management. Whether you want a healthy lake with a balanced fish population or a trophy fishery, our team of professionals can provide you with the full array of expertise and service necessary to manage all aspects of your aquatic ecosystem.

3 Access To Specialized Equipment

Our team has the specialized equipment needed to execute a variety of fisheries management strategies such as electrofishing, GPS surface and bottom contour mapping, water quality testing and restoration, liming, and fish stocking. Our cutting-edge equipment is used to evaluate fish populations, sizes, species, classes, predator-to-prey ratios, and habitat. Having access to these tools will play a critical role in the success of your fishery.

4 Experts In Numbers

We understand the proper stocking ratios to create and maintain a healthy fishery. Our biologists have access to a variety of predator and forage fish, and will only stock your lake with the correct quantities, sizes, and species of fish necessary to help you meet your goals.

5 Access To Required Certifications & Permits

Many fisheries management techniques, like fish stocking and electrofishing, may require permits that can vary state to state. The use of EPA-registered herbicides may also be subject to state or federal regulations. Our Fisheries Biologists will help you seamlessly navigate this complicated process.



Habitat Management

- **Improving Fish Cover** will help provide needed refuge for small fish and the desired hunting grounds for larger fish. This includes both natural and artificial cover.
- **Water Quality Testing** measures if the ecosystem surrounding the fish is healthy and prosperous. This is key when looking to improve your productivity.
- **Liming** greatly influences fisheries productivity by restoring the pH and alkalinity to proper levels.
- **Aeration** is a great tool to manage and improve water quality by increasing dissolved oxygen levels.
- **Managing Aquatic Vegetation and Algae** is essential to lake and pond management, and both beneficial and nuisance species can have a significant impact on the success of your fishery.
- **Fertilizing** to create plankton-rich ponds can help you produce and maintain up to four times the biomass of fish than would otherwise be possible in a clear pond.



Species Management

Depending on your goals, different predator species will play into your management strategy. Annual water temperature highs and lows will determine what predator and prey species will best suit the fishery.

Supplemental Feeding

Supplemental feeding through stocking forage fish, fertilizing, or pellet fish feed via a fish feeder will help boost the biomass of predator fish while helping support baitfish survival and reproductive success.

Electrofishing

Electrofishing is a tool used to safely gather fish population data without harming the fish. Using the most advanced equipment in the industry, SOLitude's Fisheries Biologists are able to make accurate decisions to improve management techniques.

Fish are tagged to monitor growth rates and to collect mark-release-recapture data to aid in population assessments and future planning.

Fish age data is collected to provide insight on the fishery's history and current health.



Trophy Management

Cultivating a healthy, productive trophy fishery is a science, not a one-size-fits-all formula. Our experts can help take your fishery to new heights by identifying and addressing the key limiting factors restricting fish growth and productivity. When you want the biggest, work with the best!



Lake Design

Including a Fisheries Biologist at the beginning of the lake construction process will ensure that the fishery can produce the desired fishing experience while maintaining balance with minimal annual maintenance expenses. Our team provides consulting and lake design services to land owners looking to build or remodel waterbodies.