

Solving Problems...

Providing Solutions.

Our Mission

Carter L. Bailey, Aquatic Biologist, AQUA DOC Inc.

AQUA DOC and our team of dedicated professionals constantly strive for excellence in the aquatics industry. Our passion to improve and sustain aquatic ecosystems is second to none. When a customer comes onboard with AQUA DOC, we want to make them feel like part of the team - a winning team, by helping them find the best solutions for their lake or pond. Whether it be fishing, swimming, boating, water skiing, or simply enjoying the beauty of water, AQUA DOC will provide realistic and attainable solutions for you.

Sign up
for your
FREE
assessment
today!

(continued on page 2)

Our Mission *(continued from page 1)*

Generally, issues with lakes and ponds are not created overnight- they grow and are compounded throughout the years, until now when you have decided to take action and improve your waters. To help deal with these complex issues, our staff and knowledge base at AQUA DOC has never been stronger. Enough cannot be said about the long-term dedication to hard work and self-improvement of AQUA DOC's core employees through in-house and external continuing education. Year after year this helps us improve our production and service opportunities. As a team, AQUA DOC is on over five-hundred waterbodies a day during the summer months- solving



problems and providing solutions. There is not much we haven't seen, or helped customers with in the past. In the end, our mission to provide our customers with a well-balanced and functional aquatic ecosystem that they can enjoy, has never wavered.

Improvement at AQUA DOC, however, is a never-ending process. By embracing our mission statement, we hope to reaffirm our guiding principles, further focusing our dedication to our

customers and the environment. Ultimately, we feel that this commitment will continue to lead us down the path of a winning team. Let us earn an opportunity to share our mission with you! Further information about our mission and our team can be found on our website www.aquadocinc.com.

A winning team, striving for excellence in environmental stewardship & sustainability.

*Solving problems.
Providing solutions.*

- Company Mission Statement

Innovations in Milfoil Control

Edward Kwietniewski, Aquatic Biologist, AQUA DOC Inc.

Watermilfoil, oftentimes simply referred to as Milfoil, is a group of submersed aquatic plants. One of the most common members of this group in the US is actually an invasive species introduced through the aquarium trade in the 1950's, Eurasian watermilfoil (*Myriophyllum spicatum*). This plant species is known for its feather-like leaves and its ability to outcompete native plants by forming dense mats that crowd out sunlight and commonly interfere with recreational activity. Additionally, scientists have also discovered that this species can hybridize with other native watermilfoils, often times building up genetic hardiness and developing resistance to various control techniques.

Lake managers, natural resource specialists, and homeowners alike have often struggled with the management of the plant species. However, new innovations in the lake management industry could soon help solve this issue. Researchers with the University of Florida, U.S. Army Corps of Engineers, and SePro Corp. have identified a new mode of

action for Milfoil control. Registered by the U.S. EPA for aquatic use mid-2018 Florpyrauxifen-benzyl, trade name ProcellaCOR[®], offers systemic plant control with a strong affinity for invasive and hybrid Watermilfoils. This new product is highly effective in low dose concentrations where it is quickly taken up by target plants, causing them to become brittle and shatter within a few days. This will allow for longer term control and further ability to conduct partial and/or targeted plant treatments in larger lakes or ponds.



Photos courtesy of SePro Corp

In 2016 AQUA DOC participated in the field testing of this product, and we are excited to add this new tool to our toolbox. ProcellaCOR[®] also shows great potential on other hardy aquatic plants including Hydrilla, Parrot feather, Bladderworts, Water-shield, Coontail, and Mosquito fern. If you have a lake or pond where Watermilfoil, or any of these other nuisance plants have been an issue in the past, let AQUA DOC and our team of trained professionals put this new technology to work for you.

AQUA DOC® The Perfect Prescription **Rx** for Problem Ponds!



BEFORE MANAGEMENT



AFTER MANAGEMENT

Bacteria Matters

Landon Wiet, Vice President of Aquatics, Naturalake Biosciences

In lakes and ponds, organisms are continuously interacting with one another. Many of these organisms are easily identifiable, such as fish, plants, snails, and even aquatic insects. However, some of the most important and diverse groups of creatures cannot be seen with the naked eye. These tiny organisms make up the microbial community.

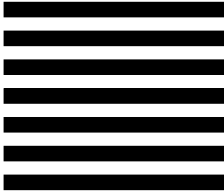
Of the seven groups that comprise the microbial community, bacteria is the largest and perhaps the least understood. Every waterbody has naturally occurring bacteria. They are found free floating, living on surfaces such as plants and algae, or simply along the bottom including in the muck or on rocks. From regulating the food chain to preserving water quality, bacteria often play an essential role in maintaining our waterbodies. Beneficial bacteria can break down complex organic compounds (including muck), regulate the flow of nutrients through decomposition, and provide protection from invading pathogens.

While a healthy microbial community plays a crucial role in keeping an aquatic

ecosystem balanced, maintaining this community can be a challenge. Our team of researchers at University of Wisconsin Research Park, has found that a healthy microbial community in a lake or pond can be supported through regular additions of probiotics. All Naturalake Bioscience probiotics are comprised of beneficial bacterial cultures and select micronutrients that are scientifically formulated to enhance and stimulate the natural microbial community. These products aim to provide a robust and plentiful array of microbes that can take on all of their critical functions in your waterbody.



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



BUSINESS REPLY MAIL
FIRST-CLASS MAIL PERMIT NO. 174 CHESTERLAND OH

POSTAGE WILL BE PAID BY ADDRESSEE

AQUA DOC
PO BOX 625
CHESTERLAND OH 44026-9905





AQUA DOC®

LAKE & POND MANAGEMENT

10779 Mayfield Road
Chardon, Ohio 44024

440.286.POND (7663)



AQUA DOC®



Leaders in Fountain and Aeration Technology.

CLEVELAND | COLUMBUS | CINCINNATI | TOLEDO | ATLANTA

If you have a Lake or Pond **PROBLEM...** Aqua Doc has the **SOLUTION!**



FREE ASSESSMENT/CONSULTATION!

Please schedule my FREE lake/pond consultation!

- | | |
|---|---|
| <input type="checkbox"/> Algae or weed control | <input type="checkbox"/> Fish Stocking |
| <input type="checkbox"/> Lake Studies | <input type="checkbox"/> Fish Population Survey |
| <input type="checkbox"/> Floating Fountains | <input type="checkbox"/> Water Quality Analysis |
| <input type="checkbox"/> Lake/Pond Aeration System | <input type="checkbox"/> Cattail / Lily Control |
| <input type="checkbox"/> Please send me a FREE catalog of pond supplies | |

For all your Lake & Pond Supplies

visit

aquadocinc.com

1-800-689-LAKE (5253)



Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____ Date: _____