

RESTORE BADIN LAKE

JOIN THE JOURNEY

November 2025

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www.restorebadinlake.org

First Year Algae Treatments Were Successful!

David Holton David@restorebadinlake.org

The results of our first year of treatments of the specifically engineered Captain XTR black algae solution were very evident. By the time we received the permits to conduct our program and raised the funds, we had missed the first two of our six desired treatments. In 2026, by conducting applications in April and May, the Captain XTR can target the algae as it emerges from dormancy. This kills some of the algae before it matures and rises to the surface. The application will be applied once a month from April to September, by an airboat, as seen below. The boat has two booms that are lowered into the water when the solution is applied. The exact locations for the treatments are delivered from GPS maps to ensure proper coverage. Donations raised in 2025 fully funded the treatment of 14.1 acres on Badin Lake during the 2025 summer season. RBL is researching the opportunity to expand our treatment acreage as governing agencies and our funding support allows. The future of Black Algae treatments on Badin Lake relies on the continued generous financial support going forward into the 2026 year.



MEASURING SUCCESS

David Holton David@restorebadinlake.org

We asked NC State Labs for their recommendations on how best to measure the success of our program. They said their studies were focused on the molecular structure of the algae cells. This is a very scientific study that requires specific collection procedures, laboratory studies, and is expensive. They do not measure the change in algae volume year to year. They suggested the best way to determine if our program was successful was to take photos of the treated areas each month and visually compare them to photos of the previous year. We did take photos of the treated areas in 2025, and we found photos of a couple of those sites from 2024. Below you can see year-to-year comparisons for August in the Millingport Cove, the area near the Waterton docks in Uwharrie Point, and the 2nd. Green at Old North State Club

BEFORE



AFTER



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Sharing The Journey

Brad McLain brad@restorebadinlake.org

Members of RBL (Jen Caldwell, David Holton, and Brad McLain) attended a Fall Craft Fair held at Badin Shores Resort (BSR) on Saturday, 10/25/25. The purpose was to spread the word about our successes of the 2025 Treatments and to invite BSR to join the journey of cleaning up the Black Algae and restoring Badin Lake.

RBL spoke to numerous residents who all agree that the Black Algae is a major issue and we have to work together to clean it up. Some members of the BSR Board of Directors visited the RBL booth and were very interested in understanding what steps they could take to address the Black Algae in their BSR community. RBL has been invited to their December Board meeting to explain the details of our program.

All in all, it was time well spent and we look forward to the opportunity to work with Badin Shores Resort.



Survey Says . . .

Brad McLain brad@restorebadinlake.org

The RBL 2025 Survey results are in and the feedback is extremely encouraging. Over 540 surveys were Emailed out and 36% of the recipients responded. The following are some major points the survey highlighted:

- There was good distribution of responses from Uwharrie Point, Heron Bay, and Other communities.
- Over 63% of the recipients have had property for 6 to 10+ years which lends to a good history of the Black Algae presents in Badin Lake
- Treatments on 14.1 acres were done in 2025 (June-September) and over 60% of recipients rated the treated areas as Much Better or Somewhat Better than previous years.
- Over 63% of the survey recipients donated in 2025. The recipients have embraced the efforts of RBL and indicate that 89% of them will donate in 2026.

The RBL 2025 Survey results indicate that we are moving in the right direction.

There is still a great deal of work to be done and fortunately, we have a lot of supporters joining our journey.

Have You Joined The Journey?

Jen Caldwell Jen@restorebadinlake.org

Restore Badin Lake is calling you to **Join The Journey!** There are several ways you can show your support for the organization and the impact we are making in the community. Are you familiar with grant writing? Have you organized significant fund raising activities? If volunteering time is problematic, then have you supported RBL financially? Please visit our website and discover all that we are doing for our beautiful lake and consider donating so that we can expand our treatment areas for 2026!

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Getting Ready For 2026!

David Holton David@restorebadinlake.org

Our permits for treatments are on a year-to-year basis. We have already been in communication with our regulators to get approval to continue treating the 14.1 acres we treated in 2025.

Regulatory approval for the permitting will occur after the annual meeting of the Technical Advisory Group (TAG) in the first quarter of the year, often in February. TAG is a group representing the NC agencies responsible for all activities involving the treatment and care of the waterways. At this meeting, all NC water programs are approved for the calendar year. RBL will be attending that meeting.

During the summer, we visited and mapped all the shorelines outside of the current treatment plan of Uwharrie Point, Heron Bay, and Badin Shores that had evidence of algae. Given our success in 2025, we would like to expand our coverage area in 2026. This fall, we will seek quotes on these new treatment areas and meet with the waterfront homeowners in January to discuss a treatment plan, cove-by-cove.

Our first priority will be to raise funds for year two of the 14.1-acre treatment area in 2025. This is a voluntary donation, and we trust those who gave last year see that their money was wisely invested with good results and will donate at the same or higher level. We trust that those who wanted to wait and see some results before donating will now "Join the Journey" and donate in 2026. Donations at any level are greatly appreciated, and all donations will make a difference.

Our policy is to only collect donations after we receive the proper approvals. Given that permitting can only happen after TAG's approval in February/March, this means that our window for collecting donations is short to be ready for the first treatment in April. We thank you for your quick and terrific response to the 2025 donations, as we were able to meet our date for the first treatment. More information will be sent to you in early 2026.

Fundraising Update and Financial Position

Harold Parker Harold@restorebadinlake.org

As we near the end of RBL's first year of fundraising, your donations have created a strong financial foundation for RBL. Our financial condition, along with your giving record, gives us comfort that we can meet our 4-year goal of treating the 14.1 acres, cover all of our annual operating expenses, and have an adequate reserve for unexpected expenses. From your comments to us and through the survey results, we are encouraged that with your help, we can raise the funds to expand treatments, if approved. In the first quarter, we will publish the details of our 2025 financial results. As a 501(c)3 non-profit, we are happy to answer any questions regarding RBL's financial condition.

Our funding results have been outstanding in 2025! For the nine months ending in September 2025, we have received \$140,500 in donations and \$600 in interest on our funds. Our expenses have amounted to \$51,000 and include \$43,100 for the four algae treatments in 2025. The remaining \$7,900 includes expenses for website and software development, insurance and bank processing fees, etc. Our total funds on hand at September 30, 2025 are \$94,100. RBL is financially well positioned for 2026 to continue our current treatment plan. Additional funds will be needed to expand the treated areas