
RESTORE BADIN LAKE

JOIN THE JOURNEY

June 2026

info@restorebadinlake.org

www.restorebadinlake.org

Editor: Jen Caldwell

I Joined the Journey! . . . How about you?



Did You Know

Jen Caldwell Jen@Restorebadinlake.org

-
- Three treatments have been applied to 36+ acres this year
 - The output dam on Badin Lake, called, Narrows Dam, was built in 1917.
 - At completion, the Narrows Dam was the world's largest overflow dam until the Hoover Dam was built

Support from Cube Yadkin Generation, LLC and NCDEQ

David Holton. David@Restorebadinlake.org

Restore Badin Lake, RBL, is frequently asked if Cube Yadkin Generation supports our algae program with a donation. The answer is YES, but they contribute more than a donation. Cube has been a strong supporter of our efforts to remove algae from the beginning. They invite us as their guests to the annual planning meeting of NCDEQ and the power-generating companies. We are the only attendees who are not a government agency or the owner of a dam. We have made presentations to this group that has led to formal committees to evaluate various programs. When RBL heard that NCDEQ was conducting a pilot on Lake Gaston, we asked if Badin Lake could be included. Cube offered to pay 50% of the cost for 3 years if NCDEQ would approve, which they did. When NC State Labs announced the approval of Captain XRT for treatment in early 2025, Cube approved our request for 14 acres. In 2026, they approved 18 additional acres. Cube and NCDEQ each contribute 50% of the \$18,000 for water testing in the Yadkin River Basin, of which \$7000 is for Badin Lake.

RBL enjoys a strong working relationship with the local office of Cube Yadkin Generation and with the holding company, Eagle Creek Renewable Energy. Without their support, RBL would not have an algae program.

RESTORE BADIN LAKE

JOIN THE JOURNEY

Meet Aqua Services

Jen Caldwell Jen@Restorebadinlake.com

Aqua Services is a valued partner in our battle against the Black Algae on Badin Lake with 40 years of experience in lake and pond management for a variety of entities. In 2003, they joined Jones Lake Management as one of 20 industry-leading regional companies providing nationwide services.

Aqua Services has been contracted to provide our treatment applications. Aqua Services utilizes shallow draft AirBoats equipped with GPS to precisely locate treatment areas and solution delivery booms to dispense the algicide directly to the Black Algae mats on the lake floor. This allows the algicide (Captain XTR) to adhere to the Algae for maximum effectiveness with little impact from wind or surface currents.

Thank you Aqua Services for being a part of our journey.

Shallow Water Issues

Brad McLain brad@restorebadinlake.org

The historically low water levels on Badin Lake during this time of year are doing a lot more than exposing shoreline. Algae blooms are surfacing on parts of the lake that have typically not had blooms when the lake is at normal level.

The algae typically does not bloom in water depths of approximately 10 ft or more because of a lack of sunlight. With the lake down a little over 4 ft, areas that use to be 10 ft in depth are now 6 ft. The prolonged low water has allowed the sunshine to activate the mat algae on the lake floor and caused it to bloom.

RBL continues to meet with our treatment partners to identify a way forward through this period of low water levels.

(<https://badin.lakesonline.com/Level/>)

Fund Raising Update

Sherri Sugg Sherri@Resotrebainlake.org

Our fund raising campaign for 2026 is in full swing. With increased acreage to be treated this year, our fund raising goal has increased as well. Thank you to all that have given so far this year. If you have not given, it's not too late.

You can mail your donations to Restore Badin Lake C/O Sherri Sugg 120 Stonebridge Dr. New London, NC 28127. You may also donate through our website, www.restorebadinlake.org. No donation is too small or too large.

RESTORE BADIN LAKE

JOIN THE JOURNEY

Now Is The Time

Brad McLain/Cathy Bradford.

Brad@Restorebadinlake.org

.....

As we execute our 2026 Black Algae treatment plans, we are also challenged with navigating through low lake levels. However, there are unique opportunities that this low water level introduces. Now is a great time to take advantage of the exposed shoreline to help improve the health of Badin Lake.

General Shoreline Cleanup:

Take time to clean up the shoreline by safely removing any logs, debris, or trash by hand.

Removing Black Mat Algae:

You can also rake up, remove, and dispose of the algae mats that have been stranded on the shoreline. When dealing with algae, Please take these precautions:

- Protect yourself: Avoid making direct contact with your skin and the algae. Wash your hands thoroughly afterward.
- Care for children and pets: Ensure children and pets do not play near, touch, or ingest the stranded algae.
- Use the right tools: Rely on a sturdy garden rake or pitchfork to lift the heavy, wet mats. Let excess water drain to reduce the weight before disposing.
- Dispose of properly: Dispose of the algae at the dump or landfill. Do not leave the algae near the shoreline, as the nutrients may get back into the lake and feed future algae blooms.

.....

Permits are required for extensive work. Please remember, any activities beyond clean-up by hand—such as shoreline erosion control measures, pathways, sitting areas, utilities, irrigation equipment, and general vegetation removal—require a written activity permit from Cube Yadkin before work begins. Please refer to the Cube website / Shoreline Management for details: <https://cubecarolinas.com/shoreline-management/>

