



Volume 4 • First Edition

A NEWSLETTER FOR OUR FRIENDS AND NEIGHBORS

June 2017

ALUM UPDATE

THE ALUM TREATMENT IS UNDERWAY . . .

The Cedar Lake alum treatment is set to go. HAB Aquatic Solutions (HAB), our selected contractor, will be applying alum in Cedar Lake from around June 12 through June 28. The Cedar Lake Protection and Rehabilitation District and our partners have been studying the lake and planning for the alum treatment for several years. More information is found in the Lake Management Plan and Summary. They are available on the Lake District website: <http://www.cedarlake-wi.org/>

WHAT TO EXPECT

You will see HAB's barge out on the lake during daylight hours. The alum is applied through the hoses that extend from the rear of the barge. The alum itself is a white, milky substance which precipitates in the water, strips phosphorus from the water column, then forms a protective layer of alum between the lake sediments and the lake water. This layer binds phosphorus as it is released from the bottom sediments when there is no oxygen present. Reducing the amount of phosphorus reduces the amount of algae and associated water quality concerns.

Please give the barge plenty of room to navigate on the lake and avoid traveling fast enough to create waves near where they are applying alum. Large boats with big motors such as wake boats may create significant enough wakes to make the alum application less efficient. We want to be sure the alum goes where it is intended to go and that the barge operation is safe.



Please give the barge plenty of room to navigate on the lake and avoid traveling fast enough to create waves near where they are applying alum.

PAYING FOR THE ALUM TREATMENT

This first alum treatment is paid for with a combination of Wisconsin Department of Natural Resources grants (70%) and the special assessment collected from lake residents (30%). The Lake District has also incurred administrative costs such as developing the special assessment, bid solicitation and management, loan fees, and supervising the treatment. The first assessment was less than it will be in other years because of the WDNR grants. Subsequent year's assessments will be higher. Assessments will be used to pay the cost of upcoming treatments. Alum treatments are currently planned every three years. Additional grants will be sought to hopefully defray some of the cost of future treatments.

WANT TO LEARN MORE?

Read the lake management plan and lake plan summary. They are both available on the Lake District website: <http://www.cedarlake-wi.org/>

HAB is also setting up a web page specifically to report progress on the Cedar Lake alum treatment: <http://cedarlakealum.com/>

ALUM DEMONSTRATION

The Cedar Lake Protection and Rehabilitation District and our selected contractor HAB Aquatic Solutions are hosting an Alum Demonstration event at the North Landing Wednesday, June 14 from 3:30 to 5:30 p.m. The demonstration will provide a chance to learn more about the alum treatment and to see the equipment. The board, consultants, and HAB staff will be on hand to answer questions. We will also take a few moments to thank critical partners in this effort including the Wisconsin Department of Natural Resources, UW-Stout, and the Horse Creek Farmer Led Council. HAB has completed over 50 alum applications throughout North America with 7.7 million gallons of alum applied and over 40 years of combined experience.

CEDAR LAKE MANAGEMENT PLAN (2017)

The Cedar Lake Management Plan was updated in 2017 to include changes in the alum treatment strategy. The update also outlines the Lake District strategy for Eurasian water milfoil control. The strategy includes extensive monitoring and a combination of herbicide use and hand pulling. Volunteer monitors will be assisting with these efforts. The plan also updates the strategy for prevention of introduction of other aquatic invasive species. You can find the plan and plan summary at <http://www.cedarlake-wi.org/>

Comments will be accepted on the draft plan through July 15, 2017. Send comments to: harmonyenv@amerytel.net.

THANK YOU TO OUR GRANT FUNDERS

Wisconsin Department of Natural Resources:

- \$200,000 Lake Protection Grant (Alum Treatment - 2017)
- \$165,000 Targeted Runoff Management Grant (Alum Treatment - 2017)
- \$50,000 Lake Planning Grants (Alum Treatment Monitoring - 2017 to 2019)
- Star Prairie Fish and Game (Eurasian Water Milfoil Hand Removal - 2017) \$1,000



Cedar Lake Protection and Rehabilitation District Annual Meeting

9:00 a.m., August 5, 2017
Star Prairie Town Hall
2118 Cook Drive, Somerset, WI

Agenda and proposed budget will be sent with the official annual meeting notice in late July.



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WEB/EMAIL NOTICES

To receive this newsletter and other lake notices electronically, subscribe to our email list!

Go to <http://cedarlake-wi.org> and join our list in the upper right corner of the home page.

HELP WANTED!

The Volunteer Monitoring Team seeks volunteers to monitor shoreline stretches for Eurasian water milfoil and other aquatic invasive species. Training provided. For more information:
Contact: Denny Peterson
715-220-5208
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