
FW: lake management report

1 message

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Wed, Jul 13, 2022

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Cc: "johnsonnen@aol.com" <johnsonnen@aol.com>

Hello Board members. John has provided a very good information on the lily pads. Please review. He is asking for consideration for 4 more barrels of lake treatment. We need to look at this & hope for money. I will be putting this on the agenda.

Please let the board know if you have anyone that lives in our community that could help with the costs. We are looking for donations to make sure we keep up with the treatments.

I will be sending agenda out shortly. TY

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From: johnsonnen@aol.com <johnsonnen@aol.com>**Sent:** Wednesday, July 13, 2022 8:46 AM**To:** Linda Wegge <lws@atcwegge.com>**Subject:** lake management report

Please review then forward to board.

For Monday's meeting:

Lake Treatment

Lilies-

We will treat 2 acres for lilies. That is less than expected and budgeted.

The posting is below.

EWM-

We still haven't observed a large area of EWM. However, the HLPOA should approve treatment of 10 acres if we need it.

ZM

On 6/27/22 we treated 400 liters of EarthTec QZ around the lake.

We are planning to use the last two drums before 7/20.

The veligers are not dissipating with the first treatment. This first treatment was 2/3 of the first treatment last year. If the second treatment doesn't have the affect needed there will be a need purchas drums and the application of those drums. We recommend the HLPOA approve the purchase of 4 additional drums and treatment if needed.

The LCZMPF is submitting the information to get reimbursed for the work being done on zebra Mussels (ZM) on the lake from the \$72,000 that is now available from the County. The funds can't be i treatment. However, they can be used for interns and other work completed to get the project set up for this year. I'll work on the cost that the HLPOA can bill the LCZMPF for to transfer ownership o research resources and work to set up the 2022 season. I'll have more on this by the end of the week, but it could help with the funding of the additional EarthTec QZ product and application.

Below is the posting of for the lily treatment:

The annual growth of curly leaf has dissipated and the related algae bloom has ended. This was expected, although there were several concerned residents. Being patient was the best course of ac saved everyone money.

There is an issue with lily pads. We are planning to treat the areas along shorelines where lilies are problematic. The map shows the planned (dark blue) area. If you think there is other areas that ne please contact John Sonnenberg (847-922-5572).

We are still watching for other invasive and aggressive aquatic plant growth. The biggest concern is with Eurasian Water Milfoil (EWM). EWM will be recommended for treatment once a 10 acre area observed.

For those that have lake bottom rights (31 homes), consent letters have been mailed and there currently is no plans to treat in these areas. Of these homes only three have not provided their on-goir That doesn't affect treatments like EWM, as the EWM are outside of the boundaries of lake owners. However, if there were shoreline treatments for lily pads these three locations would be skipped u provided with consent.

Water Lilies Help Their Environment

Although they're primarily known for their stunning appearance, water lilies are actually important players in the aquatic ecosystem. These plants are found in shallow and still fresh water, as in pond and the edges of slow-moving streams. Because they rest on the water's surface, the flowers and pads provide shade, keeping the water cooler and preventing algae that thrives in heat from growin excess. Water lilies also shelter fish from predatory birds and the heat of the sun.

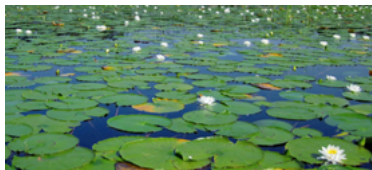
Both white and yellow lilies are native and not invasive, but they can be aggressive and should be controlled if they limit recreational activity.

White Water Lily (*Nymphaea odorata*)

Nymphaea odorata, also known as the American white waterlily, fragrant water-lily, beaver root, fragrant white water lily, white water lily, sweet-scented white water lily, and sweet-scented water lily, i aquatic plant belonging to the genus *Nymphaea*. It can commonly be found in shallow lakes, ponds, and permanent slow moving waters throughout North America

Yellow Water Lily

Nuphar lutea, the yellow water-lily, brandy-bottle, or spadderdock, is an aquatic plant of the family *Nymphaeaceae*, native to northern temperatures in North America.



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Measurement

Acres

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Clear