

May 16<sup>th</sup>, 2018

## Friends of Cottage Lake – State of the Lake

Friends of Cottage Lake is a 501(c)3 charity and all donations are tax deductible. We are raising money to help fund several projects to improve the health of the lake.

### **Milfoil Update:**

Based on our meetings last spring, and the feedback given as part of creating an [Integrated Aquatic Vegetation Management Plan](#), Friends of Cottage Lake hired Woodland Resources (the company that had been treating invasive water lilies) to treat the milfoil in August 2017.

Woodland applied a selective herbicide (2,4-D) in the areas where milfoil was found during the surveys. The herbicide is targeted (to get the highest concentration near the milfoil), but it is a liquid so spreads and residents were unable to use the lake for irrigation water for about 5 weeks.

Based on follow-up surveys and reports from residents around the lake, the milfoil treatment was very successful. We still do expect to see some plants come up this year (milfoil that wasn't killed, or fragments that rooted after the treatment), but overall the impact to lake usage from milfoil should be greatly reduced.

The treatment (combined with a targeted water lily spraying) cost \$9084.50 (milfoil treatment was approx. \$7700 + tax). Thanks you to everyone that donated to fund this effort.

Email and Facebook follow-ups this spring indicate strong support for a follow-up treatment in June of this year (tentatively scheduled for June 14<sup>th</sup> or 15<sup>th</sup>. We've seen some fragments so know that there is still milfoil in the lake.

**Friends of Cottage Lake relies on your donations to pay for treatment (there is no other funding source) – remember, all donations are tax deductible.**

Last year, we had 12 community members donate to help fund our projects (including the milfoil and lily treatment). Luckily, we had two large donations and also benefited from corporate matching and therefore were able to raise \$8100 in 2017 (and an additional \$300 of time match from Microsoft for volunteer time). Friends of Cottage Lake ended the year with approx. \$5400 in the bank (other expenses included permit fees, materials for warning signs, and water testing).

**Please consider donating this year** (form attached) – we need about \$4000 if we are going to be able to pay for the follow-on treatment in June.



**Fragrant Water Lilies:**

In addition to the milfoil, Friends of Cottage Lake has been working to reduce the spread of invasive fragrant water lilies (which also have an impact on water quality and recreational uses of the lake). Woodland treated the lilies again in 2017 with Glyphosate. Surveying the south end of the lake showed the treatment was very successful (very few non-native lilies remain – they can be identified by the smaller leaves and white flowers), but also showed that we have several large mud-mats (formed when the lilies die and the large roots detach from the bottom and float to the surface).

**Algae Blooms:**

As part of our volunteer lake monitoring in partnership with King County, we collect algae samples when large blooms are seen on the lake. For the past three years, toxic algae was detected in the samples at the end of the summer and warnings were posted and sent around to lakeside residents. Toxic algae is very dangerous to pets (especially dogs that might drink the water), and can also be harmful to people. We need to continue these monitoring efforts as well as create another set of educational material for residents on the main cause of algae blooms (excess phosphorus). Using phosphorus free fertilizer for your lawn (or not fertilizing at all) is one of the key ways you can help.

**Public outreach and website:**

Friends of Cottage Lake uses email, Facebook, and our public website to keep people updated on lake projects, issues, and other relevant information. Please let me know if you would like to be added or removed from our email list – here are the other relevant links:

Website (just revived after our previous free site was removed): [www.friendsofcottagelake.org](http://www.friendsofcottagelake.org)

Facebook public site: [www.facebook.com/FOCL.Woodinville](https://www.facebook.com/FOCL.Woodinville)

Facebook private group: [www.facebook.com/groups/friendsofcottagelake](https://www.facebook.com/groups/friendsofcottagelake)

Thanks in advance for your support,

Jonathan Morrison—President, Friends of Cottage Lake

**Phone:** (425) 788-8087

**Email:** [jonathanmorrison@outlook.com](mailto:jonathanmorrison@outlook.com)

[www.friendsofcottagelake.org](http://www.friendsofcottagelake.org)

**Mailing address for donations and membership dues (\$20):**

Friends of Cottage Lake

c/o Jonathan Morrison

17214 185th Ave NE

Woodinville, WA 98072



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# *Friends of Cottage Lake*

## **2018 Membership and Donation Form**

- Yes, I would like to be a member (2018 annual dues) \$ 20.00**
- Yes, I would like to make a donation to support FOCL programs  
(water lily and milfoil eradication, phosphorus reduction, water  
quality monitoring, shoreline restoration, etc.) in the amount of: \$ \_\_\_\_\_**

**Total enclosed: \$ \_\_\_\_\_**

Please mail this form along with your check made payable to Friends of Cottage Lake  
***Your membership dues & donations are tax deductible***

**Please provide contact information if you would like to be added to our  
email and mailing lists to be notified of upcoming meetings, issues, etc.**

Member Name: \_\_\_\_\_

Email Address: \_\_\_\_\_

Mailing Address:

You can also join our group on Facebook:

<https://www.facebook.com/FOCL.Woodinville> or watch our website for the latest news:

<http://www.friendsofcottagelake.org>