



STAFF REPORT

DATE: 6-11-24

Workshop

TO: Lake Elmo City Council

FROM: Clark Schroeder Special Projects

AGENDA ITEM: Lake associations update

REVIEWED BY: Clark Schroeder

BACKGROUND:

Included in the 2024 budget were funds for matching grants to the recreational lakes for water quality improvements like treating invasive species. This funding represents a 50% match, up to the maximum amount of \$5,000 per lake. A match is required by the Lake Associations and any outside grant amounts received would not be included as part of the Lake Association match amounts. We currently fund 3 associations at \$5,000 each for a total of \$15,000.

ISSUE BEFORE COUNCIL:

Presentations will be given by the association for council education. One consideration is the city has consistently granted/match \$5,000 per association. There are 3 associations and 4 lakes that are treated/managed. In conversation with the associations, they would like the city to budget \$20,000 per year starting in 2025 so that each lake can be matched up to \$5,000 per year.

PROPOSAL DETAILS/ANALYSIS: None at this time

FISCAL IMPACT: To be determined at time of 2025 budget

OPTIONS: n/a

RECOMMENDATION:

N/a

ATTACHMENTS:

Presentations.

Grant request form



City of Lake Elmo

Lake Improvement/Water Quality Grant Application

Name and Lake Association:	Date:
Phone:	Email:
Description of treatment/improvements:	
Outline of total project costs (can be included on separate sheet or provide via invoice copies):	
Amount being requested (Note: The City will match 50% of the costs paid for by the lake association up to \$5,000):	
Additional comments:	

****Please also include any documentation for grants that have been requested and/or received from other entities****

Applicant/Lake Association Representative
Signature

Date



Lake Demontreville
& Olson Association

Jesuit Retreat House

Lake De Montreville
Lake ID (82010100)

Lake Demontreville & Olson Association (LDO)

Christine Network
Mn

Lake Olson
Lake ID (82010300)

Olson Lake Trail N
Power Electric

Link Lavey, LDO President

link.lavey@gmail.com

612-845-8011

Background

Demontreville Ramp DNR Photo 2014

- **LDO was formed in 1985**
 - Water levels (1987, VBWD 1007 Project)
 - Algae management
- **Eurasian Water Milfoil detected in 2009**
- **501c3 – 2019**
 - Educational & scientific
 - Funding
- **EWM AIS treatments**
 - 2014 – Present
- Fluridone Treatment 2022/3
- CLP Treatment 2024 & forward



Focus

- **AIS**
 - **Management (\$)**
 - Shoreline Program
 - AIS Treatment/Control
- **Lake Health**
 - Monitoring/Testing
 - CAMP
 - Clean-up Day
- **Education**
- **Prevention**
 - WCD



What does lake management cost?

Year	Total
2016	\$26,723
2017	\$32,593
2018	\$37,694
2019	\$36,142
2020	\$41,716
2021	\$45,739
2022	\$60,747
2023	\$49,947
2024	TBD
	\$331,301

Fluridone Treatments



Before Treatment



After Treatment

What's Next

- **Curly-leaved Pondweed Mgt**
- **Preventative efforts**
- **Shoreline buffer restorations**
- **Macro algae**
- **Educational efforts**
- **Recruit new board members**
- **Resident participation**



Macro algae Demonteville 2022

What if?

- Zebra Mussels
- Starry Stonewort
- LDO loses management support
- Lake Improvement District

It costs a lot less to prevent AIS
than it does to control it...

We love these people!



Thank you Questions???



LAKE ELMO LAKE ASSOCIATION



Lake Elmo City Council Meeting - June 11, 2024

Background/History

- Lake Elmo Lake Association (LELA) incorporated in late 2014
- Eurasian Watermilfoil (EWM) discovered in lake fall 2005
- 2007 listed by Minnesota DNR as infested with EWM
- Approximately 6,000 feet of the lake's shoreline is part of Lake Elmo Park Reserve
- Approximately 56 lakeshore landowners privately own the remaining lakeshore. Over 96% are LELA members. Park Reserve is not a member.

Treatment

- 2015 received a small grant to hand harvest EWM
- 2016-2021 utilized the services of “harvesting” to remove EWM
- 2022, 2023 and 2024 “chemical” treatment
- 2025 start maintenance plan with spot chemical treatment of EWM and start treatment of other invasive species



Funding

- Minnesota DNR – 2015 through 2023
- Washington County – 2016 through 2024
- Lake Elmo Jaycees – 2020 through 2023
- Lake Elmo Rotary - 2022
- City of Lake Elmo – 2020 through 2023 (hoping 2024)
- LEELA Fundraisers – 2015 to current
- LEELA Memberships – 2015 to current



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