


BIG EAGLE LAKE IMPROVEMENT ASSOCIATION (BELIA)

Lake Improvement Discussion

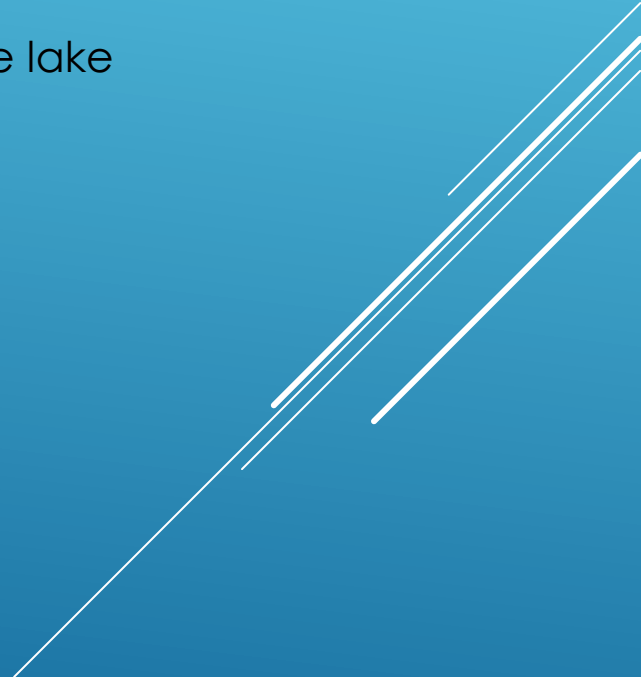
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TODAYS DISCUSSION

Why are we here?

- a) Current status of Eagle Lake
 - b) Communicate lakeshore owner priorities (Survey Results)
 - c) What is needed to address the lake's issues and costs
 - d) Financial Summary of BELIA
 - e) Lake Improvement District (LID)
 - f) Next Steps
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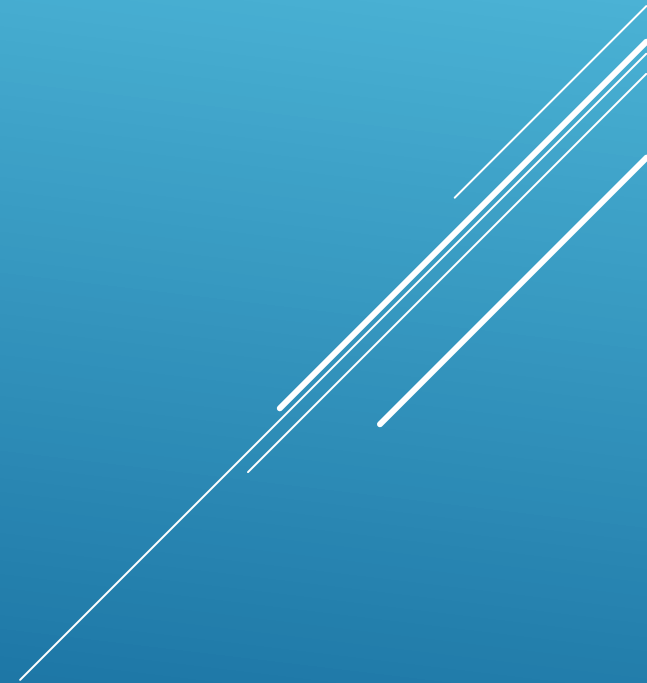
EAGLE LAKES CURRENT STATUS

- Eagle Lake has been classified by the Minnesota Pollution Control Agencies list of impaired lakes. This is due to high levels of nutrients (total phosphorous), which in turn has elevated (**algae**) concentration in Eagle Lake and reduced water clarity.
 - Carp are a significant problem
 - Uproot aquatic vegetation, releasing sediment from the bottom of the lake
 - As an association, BELIA has no legal leverage so we must rely on partnerships and fundraising to address these issues.
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ALGAE BLOOMS



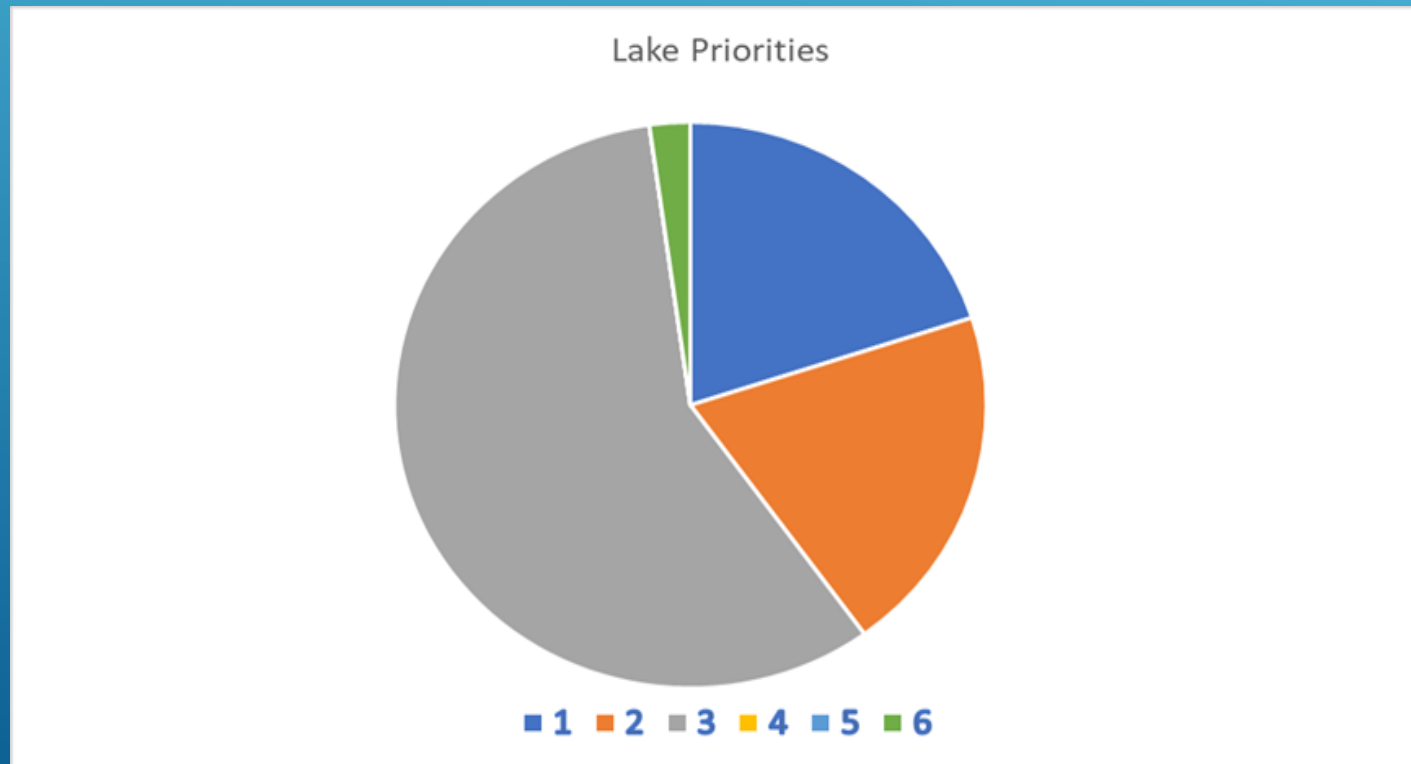
THOSE DARN CARP



LAKE PRIORITIES

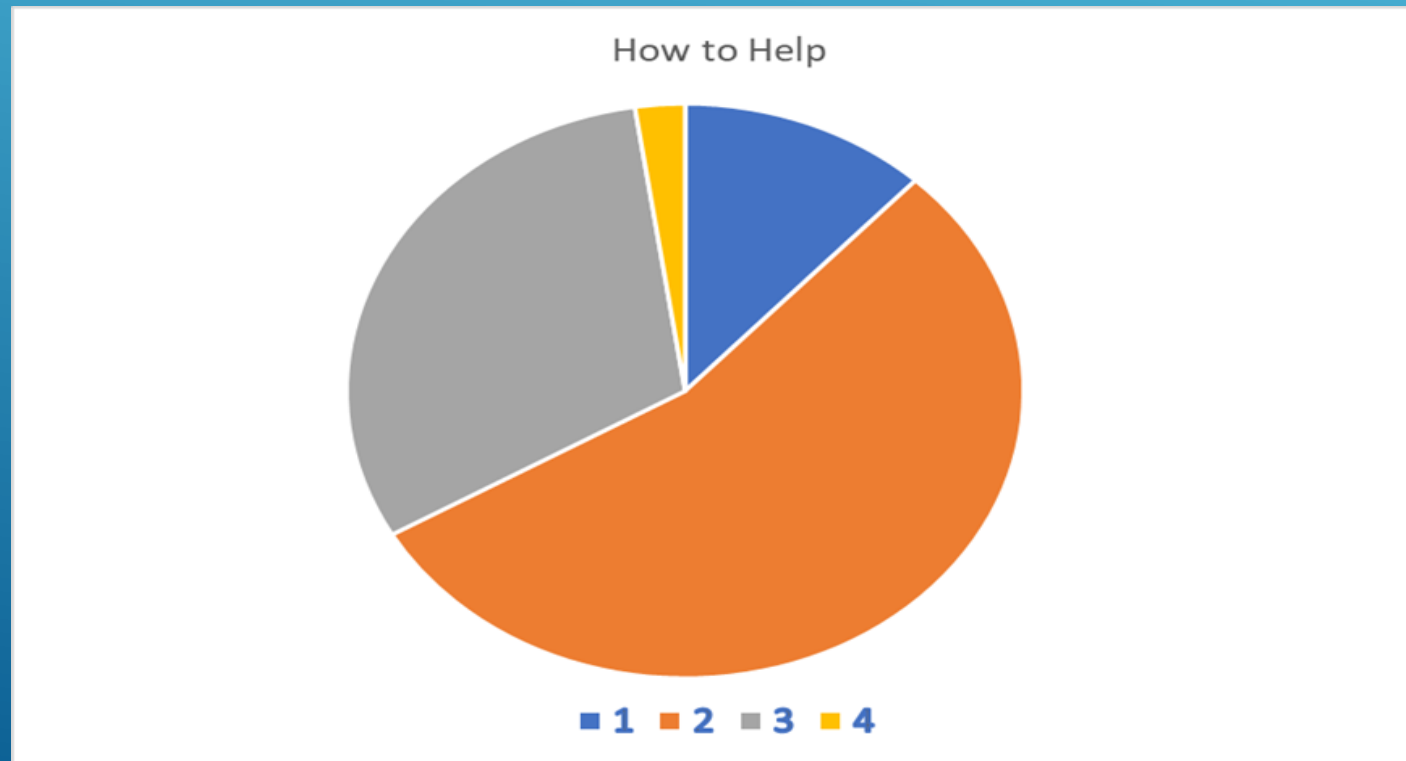
34% response rate to survey of property owners on the lake

1. Curly Leaf Pondweed Treatment (CLP) (Blue)
2. Milfoil Treatment (Orange)
3. Water Clarity (Gray)
4. Planting on Shoreline (Light Blue)
5. Maintain Lake Water Levels (Green)



LAKE PRIORITIES CONTINUED

1. Become a member (Blue)
2. Contribute Financially (Orange)
3. Treat own shoreline for CLP and Milfoil (Gray)
4. Hold Neighborhood meetings to encourage contributions (Yellow)



IMPACT ON PROPERTY VALUES

Information provided by a Realtors Automated Valuation Tool.

Property Location: Minnesota, 55309

Assessed Value: \$300,000

Living Area: 1800 square feet

Condition of Home: Good

DIRECT Waterfront? Yes

Fully Recreational Lake? Yes

100+ Acre Lake? Yes

Water Quality: Poor

Aquatic Weeds: Abundant

Year Round Home? Yes

2-Car Garage? Yes

Additional Notes:

Current Market Value Range
\$342,000 to \$363,000

Water Quality: Good

Aquatic Weeds: Moderate

Current Market Value Range
\$439,000 to \$,466,000

Water Quality: Excellent

Aquatic Weeds: Minimal

Current Market Value Range
\$465,000 to \$494,000

METHODS AND COST OF IMPROVING LAKE QUALITY

Addressing carp nutrient contributions to the lake

- Identify where the carp congregate (Complete)
- Identify the size of carp population (Complete)
- Build inlet and outlet traps to control spawning (Complete)
- Carp management/removal - Estimated cost - 45K
 - Applied for a grant and did not receive

Reduce total phosphorous in lake via Alum Treatment

- What is Alum Treatment
 - An Alum Treatment is a scientifically designed treatment that helps restore the lake's natural chemical balance and prevent algae blooms.
- How long does it last
 - Estimated 10-30 years (Sherburne County Water and Soil)
- Estimated cost associated with treatment - 800K

	<u>Jan - Dec 22</u>
Ordinary Income/Expense	
Income	
Bonfire/Shirt Fundraiser	267.84
Indirect Public Support	4,416.32
Program Income	29,240.62
Uncategorized Income	<u>400.00</u>
Total Income	34,324.78
Expense	
Contract Services	29,638.15
General Office	327.19
Ice Out Contest	100.00
Operations	5,756.39
Other Types of Expenses	1,485.80
Poker Run	<u>290.00</u>
Total Expense	<u>37,597.53</u>
Net Ordinary Income	<u>-3,272.75</u>
Net Income	<u>-3,272.75</u>

BELIA FINANCIAL UPDATE

2022 Membership and Donations

- 103 Paid Members - \$3,605.00
 - **46% of lakeshore properties contribute \$0.00**
- Donations 200.00 or greater – 8%
- Donations 100.00 – 199.00 22%
- Donations 50.00 - 99.00 30%
- Donations 1.00 – 49.00 25%
- Donation 0.00 15%
- Total Extra Donations - \$8,254.00

Total Dues/Donations - \$11,508.00

2022 BELIA FUNDRAISING

2022 BELIA major fundraising efforts

- Pork Fest – \$4,495.00
- Wine and Beer Tasting - \$11,672.00

Total Revenues – All Fundraising, Dues and Donations - \$29,508.00

INTRODUCTION TO EAGLE LAKE IMPROVEMENT DISTRICT (ELID)

What is a LID?

As defined by the MN DNR.

- A LID is a local governmental unit, a political subdivision, established by resolution of a county board, city council or by the commissioner of the department of natural resources.
- A LID allows for greater local involvement in lake managements activities. Some of these may include the right to;
 - Apply for DNR and agency permits
 - Undertake lake research projects
 - Conduct programs of water improvement and conservation

HOW IS A LID ESTABLISHED

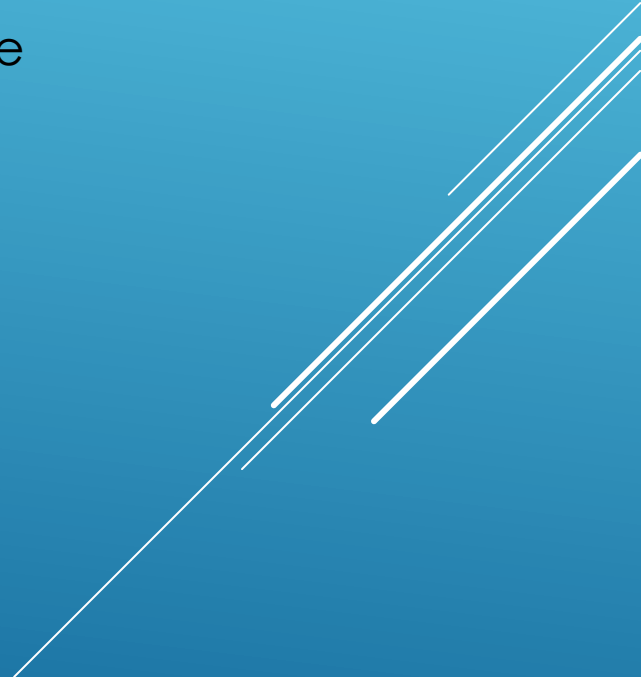
There are two ways in which a LID may be established:

1. By petition of property owners within the proposed district
2. By county board resolution.

Of the two, the petition process is the more common procedure.

WHO MANAGES THE LID


A LID is managed by a board of directors consisting of 5 to 9 members.

- Initial Board of Directors are appointed by the county board
 - All directors must be property owners in the district, and majority be residents
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HOW ARE LID ACTIVITIES FUNDED

A LID has no taxing authority of its own. The county board specifies the funding arrangement when it establishes the LID.

To finance LID projects/services, a county may;

- Assess costs to benefited properties
 - Impose service charges
 - Issue general obligation bonds
 - Levy and valorem tax solely on property within the district
 - Any combination of the above
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RECOMMENDATION

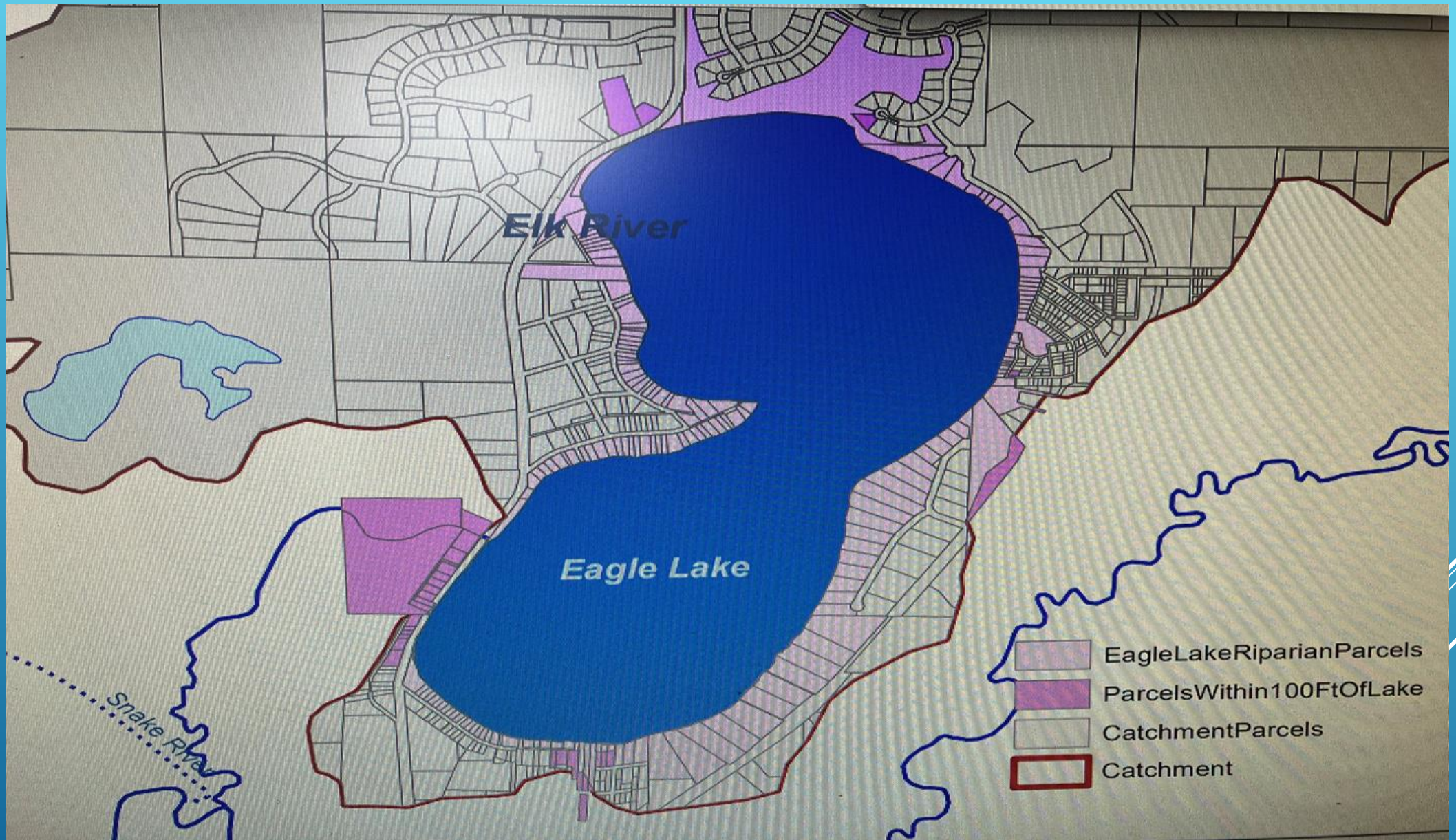
Our Recommendation

Is for the Board to consider forming the Eagle Lake Improvement District (ELID) by petition of property owners within proposed district.



NEXT STEPS

- Submit boundary recommendations for DNR approval
 - Hold additional informative public meetings to address questions/concerns
 - Begin the petition process
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PROPOSED PARCELS IN LID