



# ANNUAL MEETING 2016

## Eagle Lake Preservation Association 2016 Annual Meeting

May 17, 2016 6:30pm

Thoresen Building, Maple Grove, MN



# Where to Find Us

## Website

[www.eagle-lake.org/](http://www.eagle-lake.org/)

## Facebook

[www.facebook.com/EagleLakeMN/](http://www.facebook.com/EagleLakeMN/)





# Agenda

- Quick Introductions
- Accomplishments & Membership 2015
- Goals 2016
- Treasurer Report
- Grant Initiatives 2016
- Committee Review and Volunteers
- Annual Events
- Nominations for Additional Board Members
- Additional Concerns



# Board Members

- Becky Fahrenbruch, President and MGLQC Representative
- Jennifer Tieva, Vice-President
- Matt Eich, Secretary
- Sheri Lundstrom, Treasurer
- Travis Theiss, Website Administrator
- Karen Karbo
- Eric Lundquist
- Bob Lundstrom
- Jackie Malling
- Larry Plack
- Shannon Poppe Grabinger
- Kyle Simonson



# 2015 Accomplishments

## 3 Grants Awarded to ELPA for Lake Improvement:

- Storm drain markings, education, adoption
- Homeowner buffering landscaping (\$750 per homeowner, 100% LIP match)
- Thoresen building education display





# 2015 Accomplishments



- Adopt a Storm Drain program
- Extra street sweeps



**PLEASE KEEP STORM DRAINS CLEAN!**



Just a friendly reminder to keep the storm drains near your home clean! Many of these storm drains empty directly into the lake. Please keep them free of debris, and remember to never dump anything down the drain. Rainwater is the only thing that should go down these drains!



# 2015 Accomplishments

- 38% Membership  
(of all homeowners)
- **Goal is increase 12%**
- Encourage your neighbors to join ELPA!

## MEMBERSHIP FORM

### 2015 Tax Deductible Membership Dues:

Lakeshore Homeowner	\$50.00
Friends of Eagle/Pike Lake	\$25.00

Please consider making a tax deductible contribution by paying annual membership dues. These funds are vital to the preservation efforts of Eagle/Pike Lakes! Thank you!



Can pay via Paypal



# 2015 Outreach

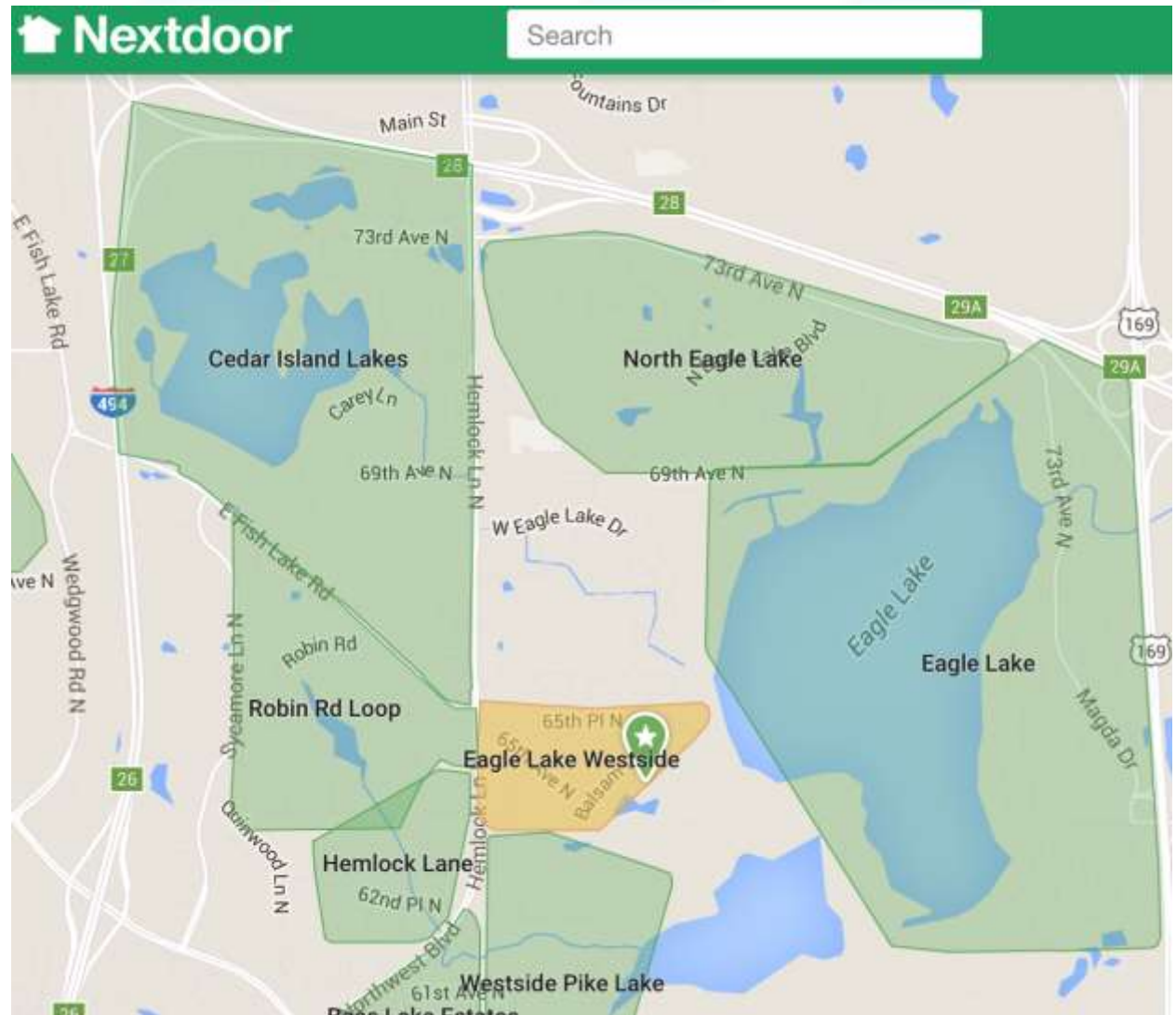
- Booth at MG Days Business Expo





# 2015 Outreach

- Nextdoor.com



- Invasive species detection educational meeting
- Newsletters (excerpt below)

## AQUATIC INVASIVE SPECIES SPOTLIGHT: ZEBRA MUSSELS



The Minnesota Department of Natural Resources (MN DNR) defines invasive species as “species that are not native to Minnesota and cause economic or environmental harm or harm to human health. Invasives can occur on land or in water and may be plants or animals.”

Nationally, Minnesota is a leader with twenty years of outreach experience focusing on prevention first. If a water body becomes infected with AIS, focus turns to integrated control and management and impact assessments



- Membership survey

### Top ELPA Objectives

- Protect water quality (monitor, evaluate and protect)
- Advance projects and interests of ELPA community
- Promote ecological balance
- Fish and wildlife management
- Provide education (services, newsletters, signage and ELPA website)

### What ideas do you have for improving ELPA?

- Get community experts to guide us
- Get more people involved
- Post activity notifications on Facebook
- Involve membership in more decisions through surveys like this
- ELPA is doing a good job



## ELPA STAKEHOLDER SURVEY

Thank you to everyone who completed the first Eagle Lake Preservation Association stakeholder survey performed last May. Forty-seven (47) total surveys were returned of the 139 people invited to participate for a return rate of 34%.





# 5 & 10 Year Goal Overview

## 5 Year

- Resource Development Initiatives\*
- Monitoring Initiatives\*
- Preventative & Remedial Initiatives\*
- Home Owners/Watershed Constituents Initiatives and Education

## 10 Year

- Maintain or improve “Lake Grades”\*
- Support dredging proposals
- Establish a relationship with Three River Park District for future initiatives
- ELPA become a STAR organization
- Support projects to reduce noise and improve natural surroundings near Interstate 169/694





# 2016 Goals

- Submit large grant application for WQ improvement
- Initiation of Lake Management Plan
- Conduct one (1) education initiative
- Expand/sustain storm drain adoption project
- Continue promoting membership and annual social events for homeowners
- Partner with Cedar Island Lake Association to align water quality improvement goals



# Treasurer Report

- Current balance: \$ 8,823

Year	Contributions
2011	\$1785
2012	\$2110
2013	\$2178.45
2014	\$2500
2015	\$2500

\$ 500 to date for 2016

Goal = 50% of homeowners as ELPA members

- 2015 Expenses: \$1844 (\$546 reimbursed through grants)



# 2016 Grant Initiatives

- Storm Drain Markings/Medallions, Education, Adoption
  - MG Days Booth, educational brochures/door hangers, Central Park buffering and pollinator demo garden
  - Lake Improvement Project (LIP): \$9,000 for all MG lakes
- Homeowner's Buffering Landscaping
  - LIP: \$1500 for all MG lakes, first come first served
  - Homeowner: \$750 per, 100% LIP match
- Lake Management Plan
  - LIP: \$6,600 , ELPA \$2,200 (75/25)
- Aquatic Plant Survey LIP: \$3,487, ELPA \$1,163 (75/25)

# 2016 Grant Initiatives

- Aquatic Invasive Species (AIS) Early Detection Monitoring and Training Program
  - In conjunction with Fortin Consulting
- \$19,000 grant (no match); up to 8 lakes
- Zebra mussels, Spiny Waterflea, Rusty Crawfish, invasive plant species
- Invasive species educational workshops and boat tour education
- Volunteers





# Invasive Species



**Rusty Crawfish**



**Zebra  
mussels**



**Spiny waterflea**





# Board and Committees

- Board of Directors
- Water Quality Committee
- Education and Communication Committee
- Social Committee
- Invasive Species Committee



# Water Quality Committee

## **Mission**

- Research, promote, and advise ELPA Board on water quality improvement techniques and initiatives.
- Other responsibilities: ELPA Lake Plan, provide information to Education Committee, research grant opportunities, promote water quality initiatives

## **Goals**

- Influence decisions on efforts to improve Eagle Lake watershed water quality
- Work with other agencies to promote and carry out Eagle Lake water quality initiatives
- Apply for grant opportunities and carry out the grant plans
- Submit a quarterly newsletter water quality report

**Members 2015:** Karen Karbo, Mike Malling, Matt Eich, Bonnie Willert, Larry Plack, Rebecca Fahrenbruch, Mike Newman/ Zachary Saulter (LQ Commissioner at Large)



# Water Quality Report

- Thoreson building project
- AIS program
- Storm Drain Adoption
  - Thank you current adopters
  - Sign up for additional drain adoption
- Emerald Ash Borer





# Lake Quality

- **Secchi disc** is a black and white disc lowered into the water until it can't be seen from the surface. This is measured in feet.
- **Total Phosphorus** is the fertilizing nutrient most responsible for causing excess algae to grow.

**Chlorophyll a** is the green pigment in algae that is analyzed in the laboratory.

	Eagle			Pike		
	SD	TP	Chi	SD	TP	Chi
2011	5.4	38	25	3.6	52	14
2012	5.7	42	25	3.5	34.8	15
2013	5.7	30	6	3.9	66	14
2014	6.2	34	7	4.5	48	8
2015	4.7	41	10	4.3	67	14

SD=secchi disc (ft), TP=Total Phosphorus (ppb), Chl a=chlorophyll a (ppb)

Lake Grades (based on a Met Council grading scale)

	Eagle			Pike		
	SD	TP	Chi	SD	TP	Chi
2011	C	C	C	D	C	B
2012	C	C	C	D	C	B
2013	C	B	A	D	C	B
2014	C	C	A	C	C	A
2015	C	C	B	C	C	B

<b>Goals</b>	Deep	Shallow
SD	5 to 7	5 to 7
TP	<40	<60
Chi	<14	<20

# Annual Events

- Fall Festival at Thoresen Park
- Winter Festival
- Family Night on Eagle Lake –Thurs Nights
- July 4<sup>th</sup> Boat Parade





# Education and Communication Committee

## **Mission**

- Provide and organize educational sessions and documents for the ELPA community. Promote ELPA using multiple communication channels for Eagle/Pike Lake and all its residents.
- This shall include: newsletter, website, brochures

## **Goals**

- Coordinating and distributing the ELPA Newsletter
- Maintaining the ELPA website
- Distributing ELPA public announcements, when needed
- Disseminate education through informational sessions, newsletters, website, announcements and ELPA boat launch sign

## **Members 2015**

Jennifer Tieva  
Travis Theiss



# Social Committee

## **Mission**

- Promote and plan social events for Eagle/Pike Lake residents with the goal of maintaining a strong community of residents.
- Events shall include: July 4th boat parade, ELPA Fall & Winter Festivals, Family Fun Night, and other ideas identified by the committee.

## **Goals**

- Promote and organize an annual Eagle/Pike Lake July 4th Boat Parade
- Facilitate community gatherings such as National Night Out, the ELPA Fall Festival, and other social events
- Summit a quarterly newsletter social report

## **Members 2015**

- Mary Brusegard
- Becky Fahrenbruch





# Volunteering

- We need your help!
- Water Quality Committee
- Education/Communication Committee
- Social Committee
- Invasive Species
- Welcoming Committee with Zone Representation/liaison in each area (N, S, E (Eagle Lake and Magda, W, Channel)
- Representatives: Shannon (chair), Scott Davis, Jackie Malling, Renae Dickey, Michelle LeFever



# Board Member Nominations & Elections

- Board member open elections (2 year term)
- Officers elected by Board Members at the meeting following the Annual Meeting.
- Board member status
  - Board Member/Web Admin – Travis Theiss (**term expired**)
  - Board Members – Karen Karbo (**term expired**); Jackie Malling (one year completed); Shannon Poppe Grabinger (one year completed); Bob Lundstrom (**term expired**); Kyle Simonson (**term expired**); Larry Plack (**term expired**); Eric Lundquist (one year completed)



**Stay informed.  
Volunteer. Share Updates.**



**Thank you  
for caring  
about our  
water and  
community!**

**Addition  
Concerns?**





# PLACE MARKER ONLY

SLIDE HERE TO SEPARATE FROM EXTRA SLIDES (THAT FOLLOW THIS ONE)



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  - Provide and organize educational sessions and documents for the ELPA community. Promote ELPA using multiple communication channels for Eagle/Pike Lake and all its residents.
  - This shall include: newsletter, website, brochures, promote potential sponsorships.
- **Goals**
  - Coordinating and distributing the ELPA Newsletter
  - Maintaining the ELPA website
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- Becky Fahrenbruch



# 5 and 10 Year Goals

## 5-YEAR GOALS

### **1. Resource Development Initiatives for Eagle/Pike Lakes**

- a. Obtain an updated "Aquatic Plant Survey"
- b. Procure a "Lake Management Plan".
- c. 2010 TMDL
  - i. Assess progress from Shingle Creek Water Shed
  - ii. Identify revisions and summarize 2010/2015 Implementation Plan for

distribution to ELPA homeowners

### **2. Monitoring Initiatives for Eagle/Pike Lakes**

- a. Summarize current monitoring plan (Minnesota Pollution Control Agency, others)
- b. Develop an external load monitoring program plan.
- c. Review updated 2015 TMDL when available

### **3. Preventative & Remedial Initiatives for Eagle/Pike Lakes**

- a. Investigate treatment options for Curly-leaf Pondweed, Eurasian Milfoil, Cattails, silt and additional invasive species
- b. Partner with DNR and Three Rivers Park District to manage a beneficial fish community (ie Walleye stocking).

Pike Lake may need rough fish removal.

### **4. Home Owners/Watershed Constituents Initiatives and Education**

- a. Increase ELPA membership to 70% by 2019
- b. Provide ongoing education
  - i. Water quality
  - ii. Shoreline restoration
- c. Expand the "Adopt a Storm Drain" program with our watershed constituents
- d. Partner with Cedar Island and Pike Lake representatives



# 5 and 10 Year Goals

## 10-YEAR GOALS

1. Maintain or improve “Lake Grades” for Eagle and Pike Lake
2. Support dredging proposals
  - a. Channel between Eagle and Pike Lake for emergency access
  - b. Additional areas in Eagle Lake if needed
3. Establish a relationship with Three River Park District for future ELPA initiatives
4. ELPA becomes a STAR organization
5. Support projects to reduce noise and improve natural surroundings near Interstate 169/694