

A photograph of a sunset over a body of water, with the sun low on the horizon and its light reflecting on the water. The sky is a mix of orange and red, and the water is dark with some lighter reflections.

Eagle Lake

2014 Eagle Lake Preservation Association Annual Meeting

May 13, 2014

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AGENDA

- Opening & Introductions
- 2013 ELPA Accomplishments & Membership
- 2014 ELPA Goals
- Treasurer's Report
- 2014 Grant Initiatives
- Committee Review and Volunteers
- Annual Events
- State of the Waters Conference
- Score Your Shore example
- Nominations for additional board members
- Additional Concerns

Introductions

- President – Becky Fahrenbruch
- Vice President – Jennifer Tieva
- Secretary – Becky Fahrenbruch
- Treasurer – Sheri Lundstrom
- Board Member/Web Admin – Travis Theiss
- Board Member – Karen Karbo
- Board Member – Jackie Malling
- Board Member – Shannon Poppe Grabinger
- Board Member/Membership Chair – Larry Plack
- Board Member – Bob Lundstrom
- MGLQC Representative – Becky Fahrenbruch

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A horizontal banner image showing a sunset over a lake. The sky is a gradient of orange and red, with a bright yellow sun setting behind a dark silhouette of mountains. The water in the foreground is dark and reflects the colors of the sky.

Thank You

- Thank you to Larry McGough and Roger Hamm for their work with ELPA and Eagle Lake.

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2013 ELPA Accomplishments

- 33% Homeowner membership in ELPA
- Awarded 3 grants for lake improvement
 - Homeowner's improvement projects reimbursement (matching grant)
 - LIP: \$500 Homeowner: \$500
 - Adopt a Storm Drain medallions
- Other
 - 501(c)3 non-profit status APPROVED
 - Boat Launch Education Sign installed and updated
 - Homeowner Guide Publication and Distribution
 - Extra fall street sweep
 - Adopt a Storm Drain program

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2013 Accomplishments (cont'd)

- Outreach
 - Regular newsletters
 - Maple Grove Days Business Expo Booth
 - Neighborhood Watch program and NextDoor Eagle Lake
 - Regular updates to the ELPA web page and Facebook[®] page
 - Expansion of Membership to “Friends of Eagle/Pike Lake”
 - Educational Session by Mike Malling
 - Social Events (4th of July Boat Parade, Fall Festival, Family night, Winter Golfing, etc.)
 - Annual canvassing of all Eagle & Pike Lake homes

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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

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

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

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2014 ELPA Goals

- Submit large grant applications for water quality improvement
- Conduct 2 education initiatives
- Expand storm drain adoption project
- Continue promoting annual social events for homeowners
- Partner with Cedar Island Lake Association to align water quality improvement goals
- Increase lake homeowner membership to 50%
- 5/10 year goal planning

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Treasurer's Report

- Current balance: **\$6,432.07**

Year	Contributions
2010	\$385
2011	\$1785
2012	\$2110
2013	\$2178.45
2014 (year to date)	\$1250.04

– Goal: 50% of homeowners as ELPA members

- 2013 Expenses: **\$906.27**

2014 Grant Initiatives

- Storm Drain Markings/Education and Maple Grove Days Booth
 - LIP: \$4000 ELPA: \$1000
- Homeowner's Buffering Landscaping (same as 2012/13's project)
 - LIP: \$5000 for all MG lakes, first come first served
 - Homeowner: \$750 per, 100% LIP match
- Thoresen Building Education Display
 - LIP:\$1000 ELPA:\$1000

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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 2013

- Karen Karbo
- Mike Malling
- Matt Eich
- Bonnie Willert
- Larry Plack
- Rebecca Fahrenbruch

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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, promote potential sponsorships.**
- **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 2013**

Jennifer Tieva
Matt Eich
Larry Plack

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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 Festival, Family Fun Night, National Night Out, 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
- Submit a quarterly newsletter social report

- **Members 2013**

- Mary Brusegard
- Travis Theiss
- Jackie Malling

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Annual Events

- Family night on Eagle Lake – Thursdays!
- Fourth of July boat parade again this year
- Fall festival for Eagle Lake at Thoresen Park
- Winter Festival
- Any other ideas

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Volunteering

- We need your help!
- Water Quality Committee
- Education/Communication Committee
- Social Committee
- Welcoming Committee with Zone Representation/liaison in each area (N, S, E (Eagle Lake and Magda), W, Channel)

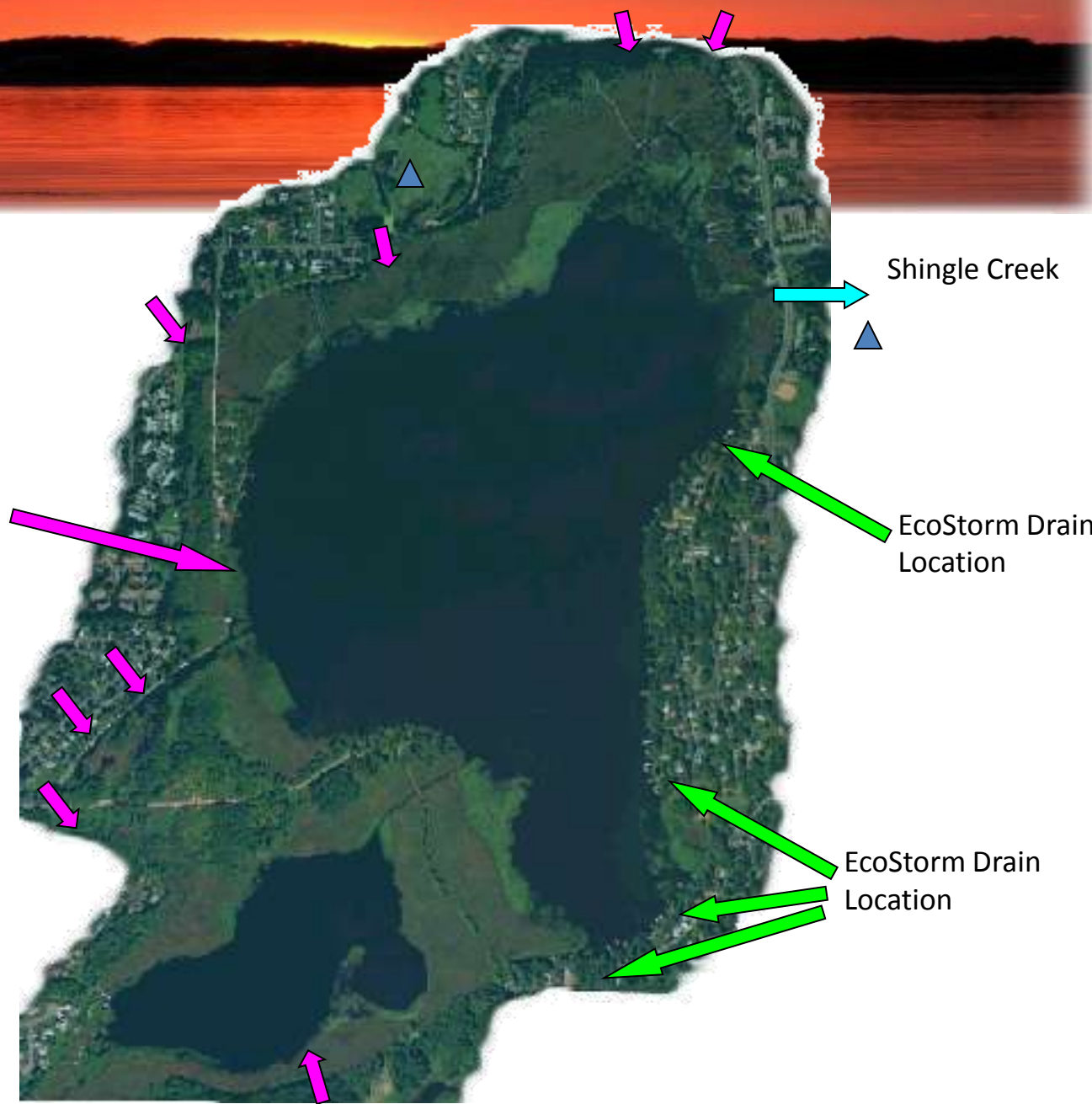
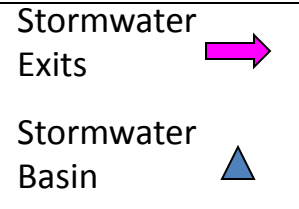
State of the Waters Conference

- Over 300 people present
 - State/county agencies, private businesses, lake association members
- Workshops on water quality, AIS, shoreline restoration and community involvement
- Very educational and great way to meet decision-makers
- Cost: \$300/person

State of the Waters Conference

- What we're doing because of the conference
 - MN Star Lakes organization approach
 - Organized project approach for all ELPA initiatives
 - \$\$ effectiveness of efforts
 - Updated approach to Adopt-a-Storm-Drain
 - Update the lake management plan – 1999
 - Lake monitoring – individual contributor approach
 - Zebra mussels monitoring

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Cedar Island excess & Village of Eagle Lake townhouse stormwater

TOTAL PHOSPHOROUS	SOURCE	PERCENTAGE
CEDAR ISLAND	Watershed	48
	Atmospheric	4
	Internal	49
PIKE LAKE	Watershed	71
	Atmospheric	2
	Internal	27
EAGLE LAKE	Watershed	56
	Upstream Load	38
	Atmospheric	6
	Internal	0

Score Your Shore

- What can we do to Improve the Lake
- Learn about what you can do on your property
 - We all can do something to improve the lake
- Score your Shore
 - Easy steps to score your property
 - You don't have to be a Biologist to learn how to score
 - Learn about options to improve score
 - Possible tours to look at good scores
 - Cost Share Available!

Score Your Shore

- Simple Score Sheet
 - 15 minutes to complete
 - Looks at visual buffers from lake to home
 - Do from lake's edge and also consider front lawns!
 - Provides a score up to 200 points
 - 50 = Average for Eagle lake lot now
 - 100 = Fair
 - 100 = Good
 - 150+ = Excellent

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Score Your Shore

Score Your Shore - Quick Guide

This is a 4 page "quick guide" to the information provided in the 41 pg Score Your Shore Manual.

Step 1: Identify 3 Habitat Zones of Site



ZONE	Description	Maximum points
Upland Zone	house to banktop, about 2/3rds of the lot	65 35 100
Shoreline Zone	banktop to water's edge, about 1/3 of the lot	
Aquatic Zone	water's edge to deep end of weed bed	100

Step 2: Score the Upland Zone (select one category from each box)

Upland Tree Cover

Percent of lot	Description	Points
75-100	Trees present along at least 5/8 of lot front, hiding at least part of house from view.	25
50-74	Trees cover at least 1/2 of lot; at least 1/4 of lot has no trees; house may be fully visible.	18
25-49	Trees cover at least 1/4 but less than 1/2 of lot; lot is mostly open.	13
1-24	Trees cover less than 1/4 of lot; only scattered yard trees present.	9
0	No trees present.	0

Upland - Shrub Cover

Percent of lot	Description	Points
75-100	Shrubs present along at least 5/8 of lot front, hiding at least part of house from view.	20
50-74	Shrubs cover at least 1/2 of lot; at least 1/4 of lot has no shrub layer.	15
25-49	Shrubs cover at least 1/4 but less than 1/2 of lot; middle canopy layer mostly open.	10
1-24	Shrubs cover less than 1/4 of lot; only a few scattered shrubs present.	5
0	No shrubs present.	0

Upland Ground Cover

Percent of lot	Description	Points
75-100	Unmowed plants cover at least 5/8 of lot; minimal lawn &/or impervious surface.	20
50-74	Unmowed plants cover at least 1/2 of lot; lawn &/or impervious surface covers up to 1/4 lot.	15
25-49	Unmowed plants cover at least 1/4 but less than 1/2 of lot; lawn &/or impervious surface at least 1/4 lot.	10
1-24	Unmowed plants cover less than 1/4 of lot; lawn &/or impervious surface covers at least 1/4 of lot.	5
0	Entire lot is mowed, bare and/or impervious surface.	0

Upland Score: _____

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Score Your Shore

Step 3: Score the Shoreline Zone (select one category from each box)

Shoreline Tree and Shrub Cover

Percent of lot	description	points
75-100	Trees &/or shrubs present along at least $\frac{3}{4}$'s of shoreline.	20
50-74	Trees &/or shrubs cover at least $\frac{1}{2}$ but less than $\frac{3}{4}$'s of shoreline.	15
25-49	Trees &/or shrubs cover at least $\frac{1}{4}$ but less than $\frac{1}{2}$ of shoreline.	10
1-24	Trees &/or shrubs cover less than $\frac{1}{4}$ of shoreline.	5
0	No trees or shrubs present along shoreline.	0

Shoreline Ground Cover

Percent of lot	description	points
75-100	Unmowed plants cover at least $\frac{3}{4}$ of shoreline; minimal lawn &/or impervious surface.	15
50-74	Unmowed plants cover at least $\frac{1}{2}$ of shoreline; lawn &/or impervious surface covers up to $\frac{1}{4}$.	12
25-49	Unmowed plants cover at least $\frac{1}{4}$ but less than $\frac{1}{2}$ of shoreline; lawn &/or impervious covers at least $\frac{1}{4}$.	7
1-24	Unmowed plants cover less than $\frac{1}{4}$ of shoreline; lawn &/or impervious surface covers at least $\frac{1}{4}$.	4
0	Entire shoreline is mowed, bare and/or impervious surface.	0

Shoreline Score: _____

Step 4: Score the Aquatic Zone (select one category from each box)

Aquatic — Emergent and Floating-leaf plants

Percent of lot	description	points
75-100	Emergent and/or floating-leaved plants present along at least $\frac{3}{4}$'s of lot.	40
50-74	Emergent and/or floating-leaved plants along at least $\frac{1}{2}$ but less than $\frac{3}{4}$ of lot.	30
25-49	Emergent and/or floating-leaved plants along at least $\frac{1}{4}$ but less than $\frac{1}{2}$ of lot.	20
1-24	Emergent and/or floating-leaved plants present along less than $\frac{1}{4}$ of lot.	10
0	No emergent or floating-leaved plants present.	0

Aquatic — Submerged plants

description	points
Abundant submerged plant growth forming moderate to dense beds, often covering lake bottom.	35
Sparsely scattered submerged plants; lake bottom mostly open.	15
Submerged plants absent	0
Submerged plants may or may not be present; can't see into water.	0

Aquatic - Openings in Plant Beds

description	points
Plant beds appear undisturbed; no human-made channels.	5
Human-made channels in plant beds.	0
No emergent, floating, or submerged plants present.	0

Aquatic — Overhead woody habitat

description	points
Shoreline trees and/or shrubs hang over water.	10
No overhanging trees or shrubs.	0

Aquatic — Downed woody habitat

description	points
Tree limbs and/or branches in water.	10
No woody habitat present in lake.	0

Aquatic Score: _____

Score Your Shore

- Add them all together
 - What did we find out?
 - Everyone has the ability to improve Eagle lake
 - Some properties score better than others
 - » Raingardens and gardens
 - » Buffers – grasses, flowers, shrubs, trees
 - » Rain barrels
 - » Fencing for geese
 - » Natural landscaping
 - » Less fertilizer

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Score Your Shore



Planted 05/20/2003 on Detroit Lake in Becker County.

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Neighborhood Watch

- Neighborhood Watch has moved to <https://eaglelake.nextdoor.com/>
 - All neighbors recommended to log on and join

Board Member Nominations

- Board members (2nd year term). See below.
- Open elections for new board members
 - Officers are currently elected by Board Members at the meeting following the Annual Meeting.
- Board Member/Web Admin – Travis Theiss (term expired)
- Board Member – Karen Karbo (term expired)
- Board Member – Jackie Malling (one year completed)
- Board Member – Shannon Poppe Grabinger (one year completed)
- Board Member – Larry Plack (term expired)
- Board Member – Bob Lundstrom (term expired)

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Other Concerns

