

SILVER LAKE IMPROVEMENT ASSOCIATION

2015 Annual Membership Meeting

Welcome & Introductions

2014 Board Members

- President: Mark Kotz
- Vice Pres: Paul Anderson
- Secretary: Kristen Rieser
- Treasurer: Mary Anderson
- Member: Joyce Germscheid
- Member: John Muller
- Member: Jason Ziemer

2014 Liaisons

- North St. Paul: Paul Anderson
- Maplewood: Anne McComb
- VBWD: John Muller
- MN DNR: Jason Ziemer
- Ramsey Co: Mark Kotz
- Treatment: Jason Ziemer
- Newsletter: Joyce Germscheid
- Cleanup/Splash: Sharyn Long

Agenda

- Welcome and Introductions
- Approve Agenda
- Election of Board Members
- Financial Report
- High Water and No Wake – Review of 2014
- Invasive Weed Treatment – Review of 2014
- Plans for 2015 and Assistance form VBWD
- Open Forum
- Notice of Upcoming Events
- Adjourn

Election of Board Members

- How do elections work? - Bylaws
- President: Mark Kotz (ends 2017)
- Vice Pres: Paul Anderson (ends 2017)
- Secretary: Kristen Rieser (ends 2016)
- Treasurer: Mary Anderson (ends 2016)
- Member: Joyce Germscheid (ends 2016)
- Member: John Muller (ends 2015)
- Member: Jason Ziemer (ends 2015)

Ballot

- _____ John Muller
- _____ Jason Ziemer
- _____
- _____

2014 Financial Statement

Description	Amount
2014 Starting Balance	\$9,299.00
Member Dues	\$675.00
DNR Grants for Treatment	\$1,000.00
Payment to Contractor for Treatment	-\$3,480.00
Expenses (web site, sign, etc.)	-\$201.43
Ending Balance	\$7,292.57



High Water No Wake Review

High Water No Wake Review

- Problem
 - ▣ Significant shoreline erosion
 - ▣ Degradation of water quality
 - ▣ Most prevalent when water is high
 - ▣ Caused mainly by wave action
 - ▣ Damage to property
 - ▣ Expensive shoreline restoration



High Water No Wake Review

- Options
 - ▣ Do nothing
 - ▣ Educate boaters & voluntary no wake
 - ▣ Ordinance

2014 SLIA Decisions

1. Voluntary no wake when water above 989.35 ft.
2. Approval for sign at landing
3. Handout to residents and at landing
4. Post updates on web site
5. Get feedback in 2015

What Water Level is Right?

□ Why 989.35 ft?

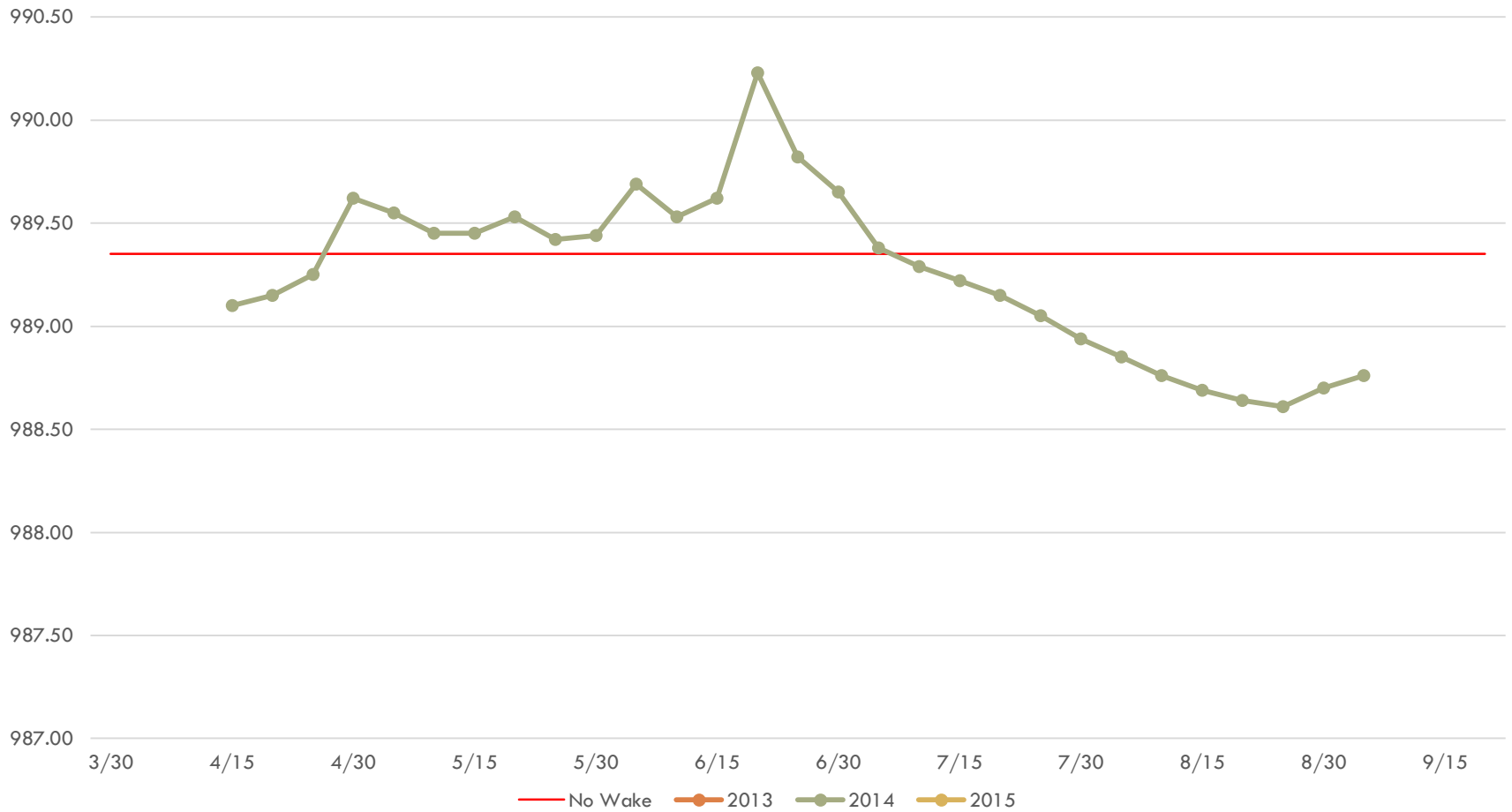


2014 Water Levels

- Data back to 1925
- 1. 990.8 – 1942
- 2. 990.6 – 1978
- 3. **990.2 – 2014**
- 4. 990.1 – 1938



2014 Water Levels



Observations

- People appreciated the education
- The sign worked (mostly)
- People took the handouts
- Respectful boating
- Board ended it 2 days early (7/4)
 - ▣ Some appreciated
 - ▣ Some concerned

High Water No Wake Review

- Your Feedback
 - This approach?
 - Water level?

Invasive Treatment Review

The Permitting Process

What happened in 2013 & 2014

Plans for 2015

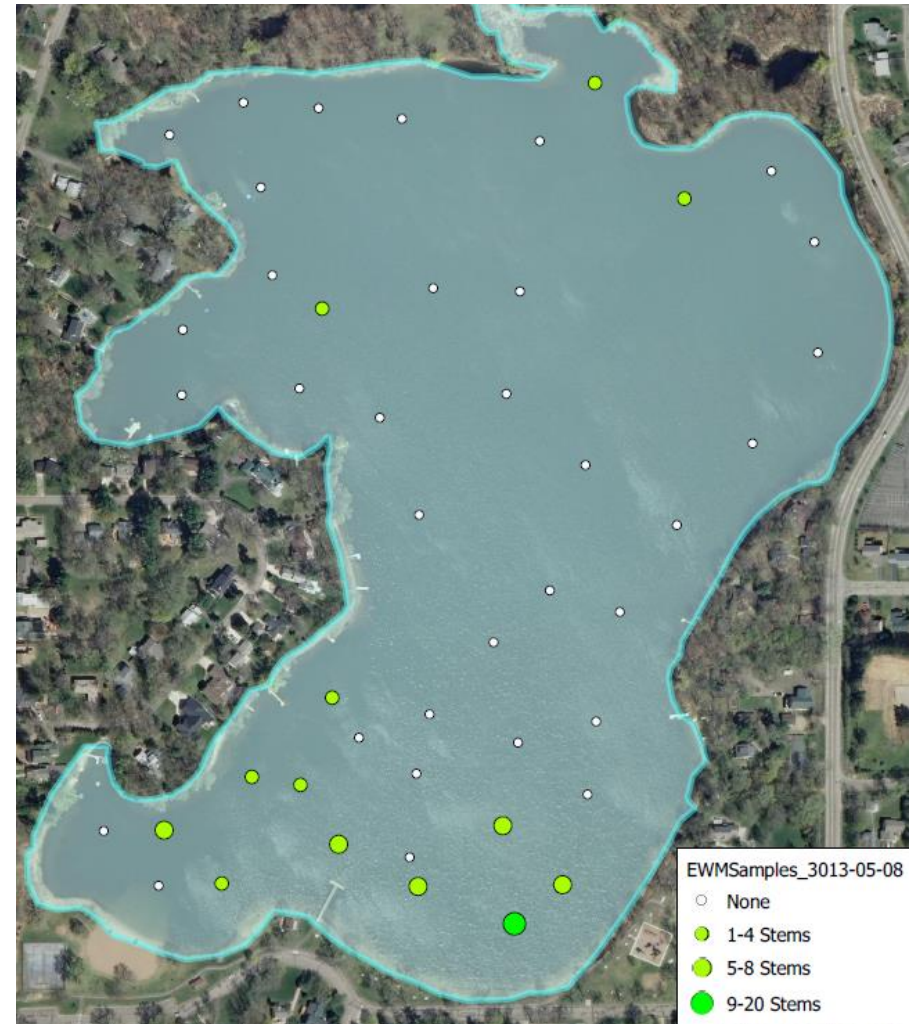
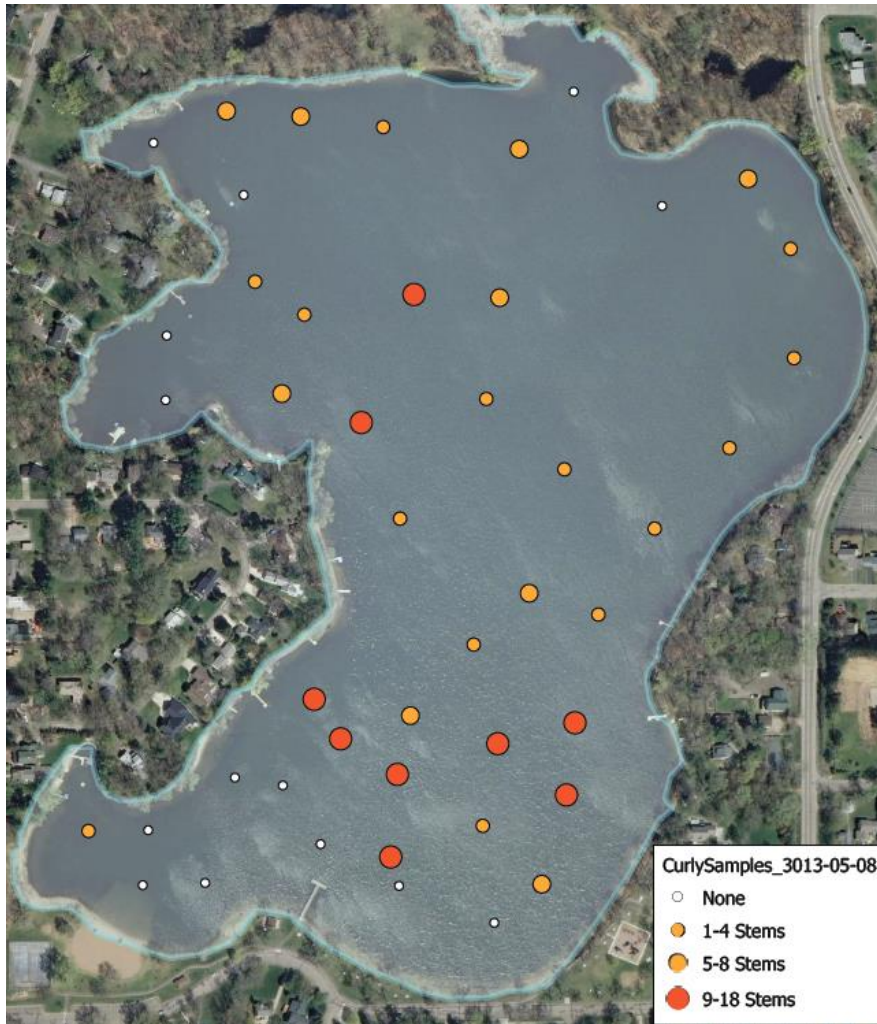
The Permitting Process

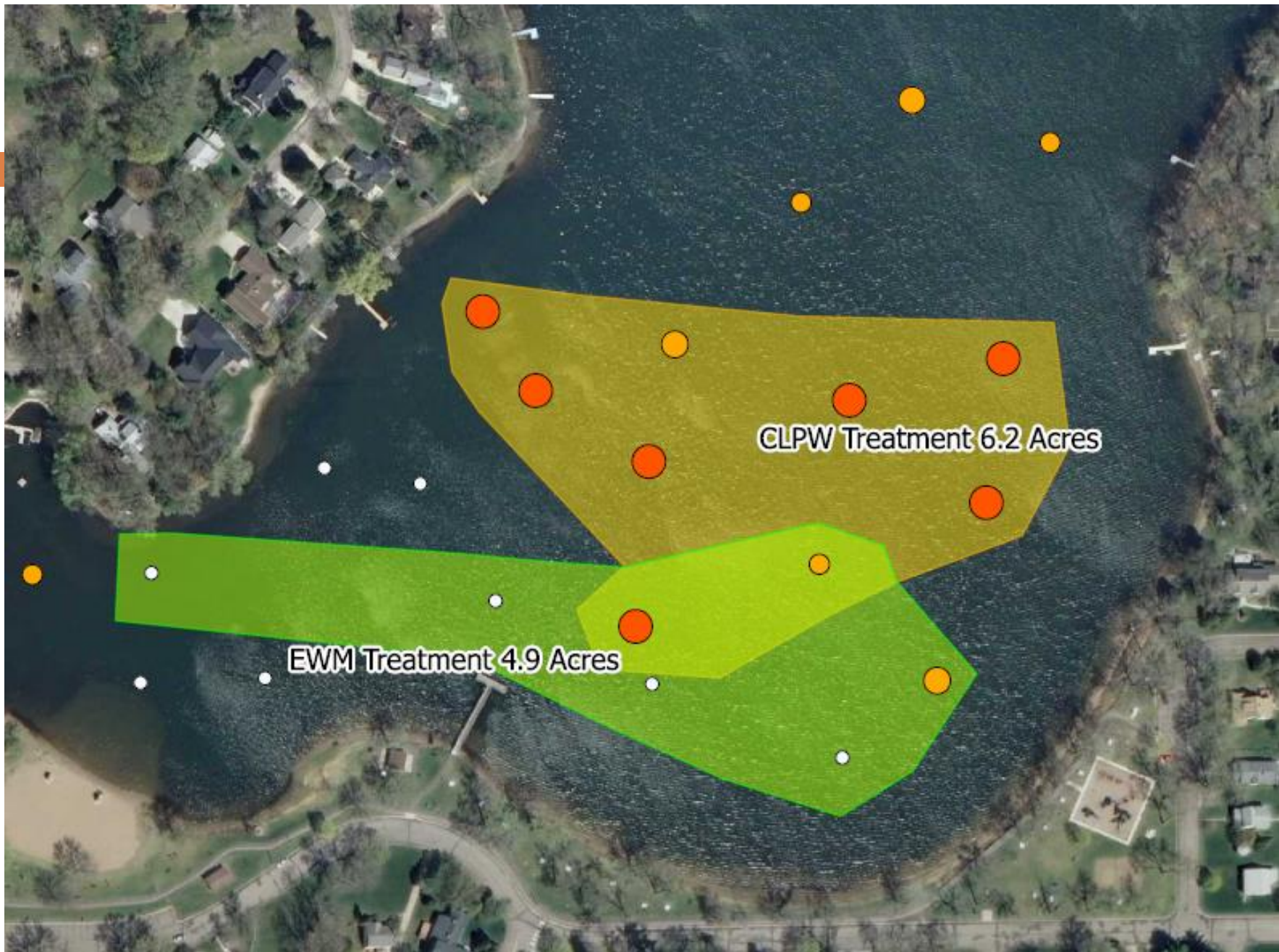
- Paperwork submittal in winter
- Map the invasives after ice-out
- Submit a proposal with maps to DNR
- Limited to 10.65 acres total
- DNR confirms via onsite inspection
- DNR grants approval
- Contractor treats lake
- Timing (water temp) is critical for effectiveness

2013 Treatment Review

- Sampled lake right after ice out
- Found Curly-Leaf Pondweed & Eurasian Watermilfoil
- Submitted proposal
- DNR inspected & approved
- Treated while the water was cool

2013 Lake Sampling







CLPW Treatment 6.2 Acres

EWM Treatment 4.9 Acres

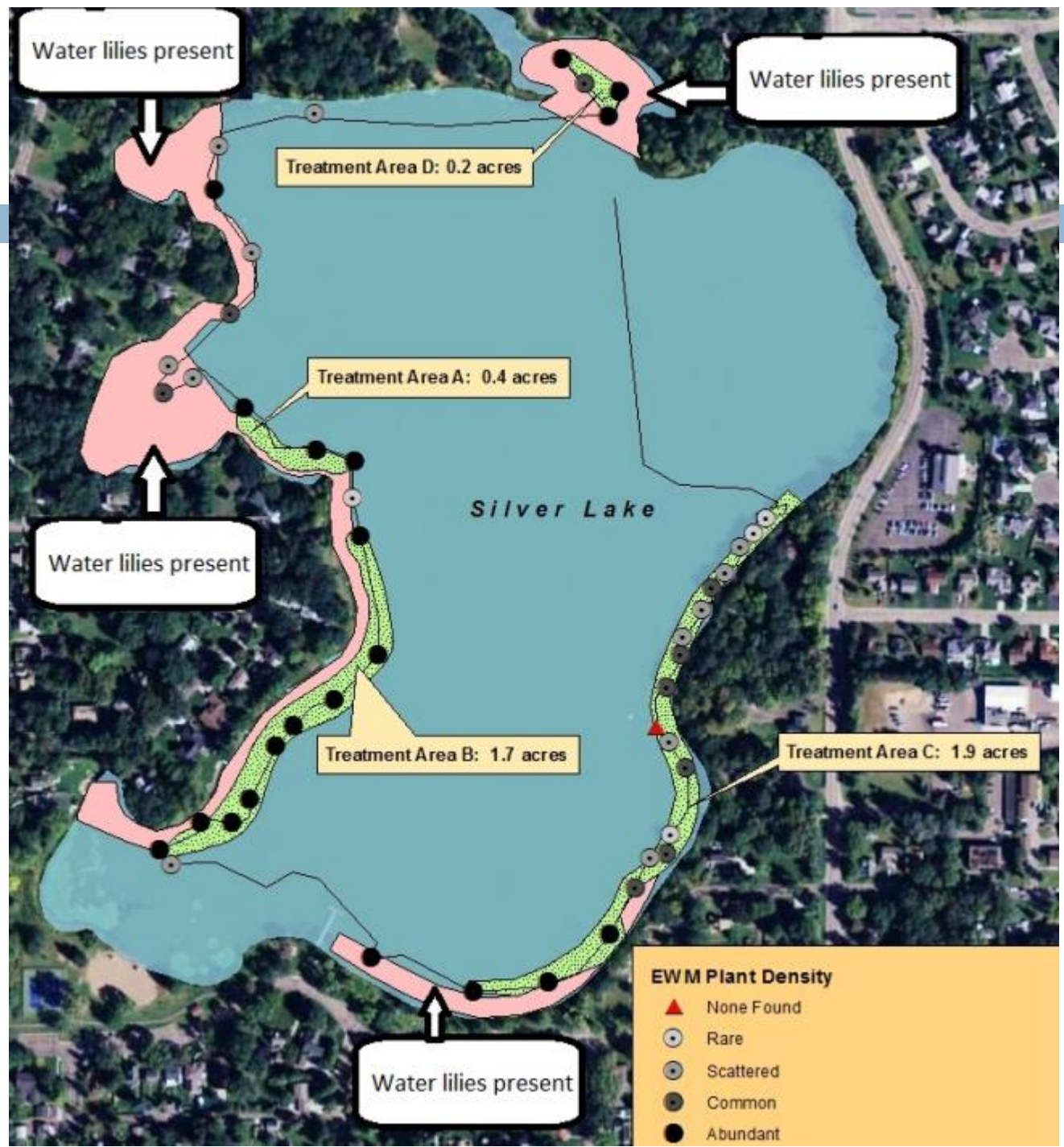
2013 Treatment Review

- Observations
 - Greatly improved from 2012
 - Seemed to be effective

2014 Treatment Review

- Sampled lake right after ice out – no invasives
- Sampled lake 3 weeks later – no invasives
- Water gets warm
- Wham! Invasives
- Too late for Curly-Leaf permit
- Proposed treating worst EWM areas

2014
treatment
area




2014 Treatment Review

- Treated allowed areas
- Treatment was not effective
- Reasons?:
 - ▣ Too late
 - ▣ Too small
 - ▣ Long slivers less effective than blobs
 - ▣ Chemicals dispersed too much
- Let's learn and take a smarter approach
- Feedback? Questions?

2015 and Beyond

- Goal: Improve the health of the lake
 - ▣ Increase native plants
 - ▣ Decrease invasive plants
 - ▣ Improve water quality (clarity and nutrients)
- More strategic, science-based approach to ensure results
- VBWD offers technical assistance
- Meg Rattei, Barr Engineering

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- Open Forum
 - Notice of Upcoming Events
 - Adjourn