An aerial photograph of Archibald Lake, a large body of water with several islands and peninsulas, all surrounded by a dense, lush green forest. The water is a deep blue color. The text "Welcome to the Archibald Lake Association 2013 Annual Meeting" is overlaid in white at the bottom of the image.

Welcome to the
Archibald Lake Association
2013 Annual Meeting



2013 - Archibald Lake Association Annual Meeting



Agenda

Saturday June 29, 2013 9:30am

- 1. Call to Order - Dick Rankin, President**
- 2. Minutes - Kathy Wiggins, Secretary (*Full minutes in handout*)**
- 3. Treasurer's Report: Steve Fleming, Treasurer (*Details in handout*)**
- 4. Board Elections – Dick Rankin**
- 5. Proposed Constitution Change – Dick Rankin**
- 6. Lake District Committee Proposal – Dick Rankin**
- 7. EWM Removal and Flowering Rush Research – Steve Fleming**
- 8. Fishing Report – Steve Fleming (Chip Long could not attend)**
- 9. Fishing Project Proposals – Tim McGuire**
- 10. Additional New Business/Questions/Concerns /Summary- Dick Rankin**
- 11. Motion to Adjourn – Dick Rankin**



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Call to Order – *Dick Rankin*

Welcome to the Archibald Lake Annual Meeting for 2013!

- **THANK YOU** for sharing your time & interest in Archibald Lake!
- **Objective today** -- share information, make decisions, hear your thoughts / concerns
- Handouts and Archi Times contain many regular topics – we won't cover them here (ie: CB/CW, Adopt-a-Shoreline, Social, Fund Raising...). More information on the website. www.archibaldlake.com
- This meeting will focus on some new activities/topics
- **Accomplishments from last Annual Meeting:** highway warning signs by the landing, slow-no-wake buoys around the east island, refurbished channel buoys.
- **Elections** – 3 board members leaving. Consider self-nomination. We need good people!

Note: Please save your questions and comments until the end of each topic.



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Board Members/Responsibilities and Committee Chairs

Current board members

Dick Rankin - President

Steve Fleming – VP / Treasurer

Kathy Wiggins - Secretary

Tim McGuire / Jim Weyers – Community Relations

Betsy Nock – Membership Chair / Clean Boats / Clean Waters

Tim Counihan – Fund Raising Chair / Water Monitoring

Steve Wagner

Joe Warnacut

Other Chairs

Betsy Nock – Apparel

Tim McGuire / Joe Warnacut – Golf Outing

Kathy Wiggins / Matt Marty – Oconto County Lakes Assoc. Liaisons

Kathy Wiggins / Tim McGuire / Matt Marty – Sign construction / painting

Steve Fleming – Adopt-A-Shoreline / EWM / Flowering Rush / Website



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2012 Annual Meeting Minutes Summary– *Kathy Wiggins*

Full minutes are in your handout

- Estimated year-end balance: \$21,340
- 148 members as of June 22; 2 new family members
- Board elections: Tim McGuire, Betsy Nock and Kathy Wiggins re-elected
- EWM: more areas treated; spent \$11,673 of the \$20,000 grant; met volunteer hours
- Flowering Rush: chemical treatment postponed this year
- Clean Boats, Clean Waters: discussed volunteer options
- Adopt a Shoreline: goals of increasing areas surveyed and property owners surveying their own shoreline
- Approved two buoys for east lake
- Warning signs by the boat landing road requested

Questions? - Vote to approve?



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Treasurer's Report – Steve Fleming

More budget information is in the handout

2012 Income & Expenses (2012 Year End Balance = \$22,761)

- Income - \$7,949 (\$4,225 dues, \$3724 from fund raising)
 - Expense - \$2,441 (Picnic, printing/mailing, conventions, memberships, etc)
 - Expense offset by WDNR grant payment
 - EWM - \$3,642 (Lake Survey and Chemical Treatment)
-
- Flowering Rush – Research trials on hold in 2012

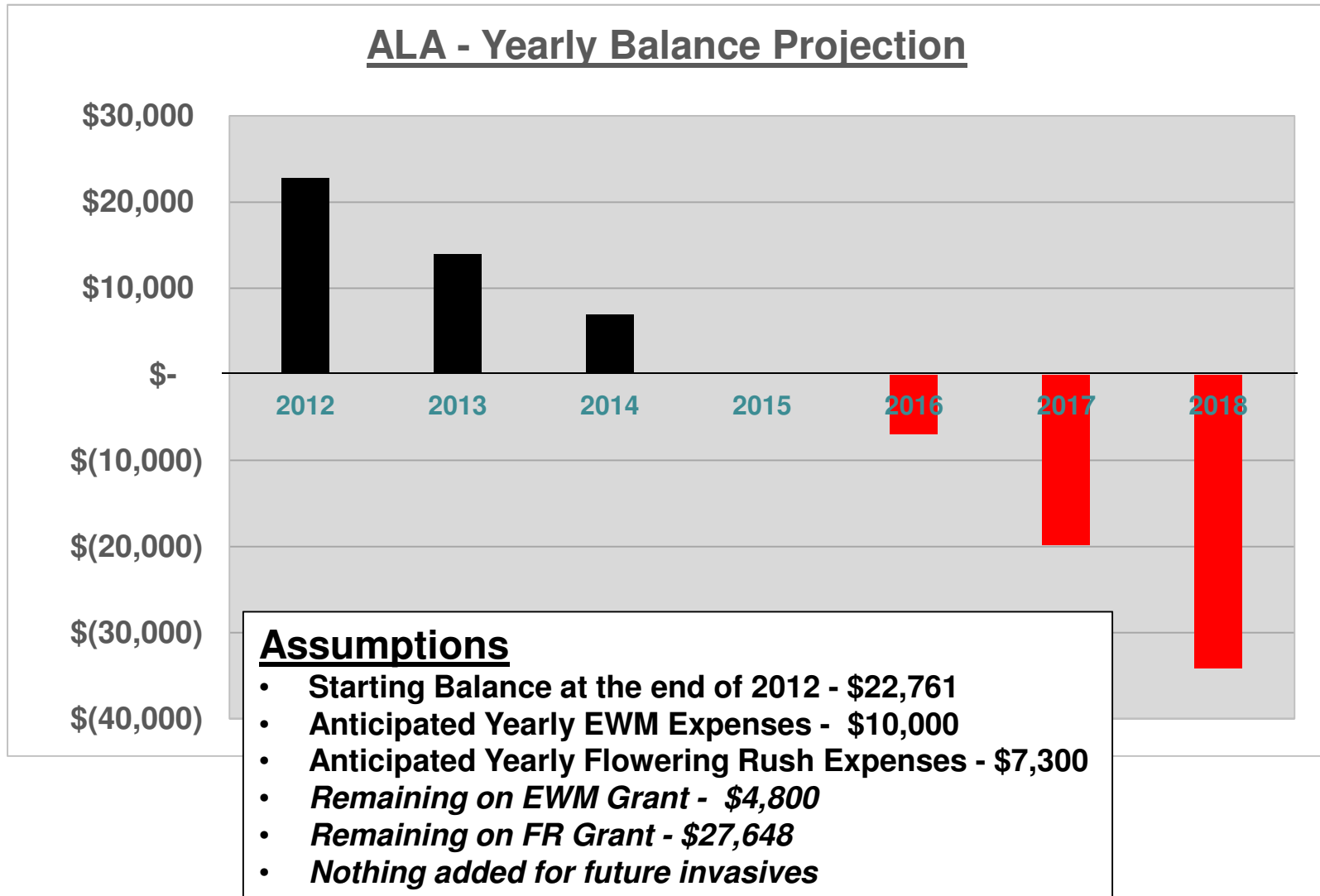
2013 Budgeted Income/Expense

- Estimated Income - \$19,507 (Includes \$10,097 EWM/FR grant payment)
- Estimated Expense - \$28,290 (EWM - \$16,200, \$4,300 – Flowering Rush, +)
- Estimated 2013 year end balance - **\$13,978**
- ***We have started to use our reserves for Invasive Plant Treatments!***

Discussion? - Vote to approve?



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Board of Directors Elections Process – *Dick Rankin*

The three members whose terms end have decided to leave the board: **Tim Counihan, Joe Warnacut, and Jim Weyers**

**THANK YOU VERY MUCH FOR YOUR
TIME and CONTRIBUTIONS!!!**

Current volunteers:

- **Richard Dvorak**
- **Mark Hasselink**

Volunteers from the floor?

Terms are for 3 years.

VOTE



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Proposed Constitution Change – Dick Rankin

- To encourage more memberships, the proposal to reword the constitution is as follows: *The original is in black and the changes are shown in red and underlined:*
- Article III, Section 1:
- “Membership in the Association shall be open to any individual, family or extended family member, business, or organization, that (a) subscribes to the purposes of the Association and (b) owns or leases property within one mile of Archibald Lake or is part of a family that owns or leases property within one mile of Archibald Lake or (c) resides on or within one mile of Archibald Lake at least one month each year.” The board has the right to review and deny membership requests to any person or organization that does not subscribe to the purpose of the Association.
- Discussion
- Vote



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Lake District Committee Proposal– *Dick Rankin*

- This is an initial discussion. Additional information is in your handout
- Our goal, at this meeting, is to form a small committee to investigate pros/cons for discussion in 2013 / 2014
- Key points
 - Lake District is an Association with more capability but more rules.
 - Over 250 Lake Districts in Wisconsin
 - Lake District is a Governmental Agency
 - Run by a board that is elected by members
 - All property owners are members automatically
 - All members contribute “dues” - collected through taxation set by district board
 - Association
 - Volunteer organization
 - Governed by elected board from the membership
 - Participation in activities are voluntary / dues are voluntary
 - Decisions of Association impact members and lake

Committee Members / Leader?



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EWM Manual Removal– *Steve Fleming*

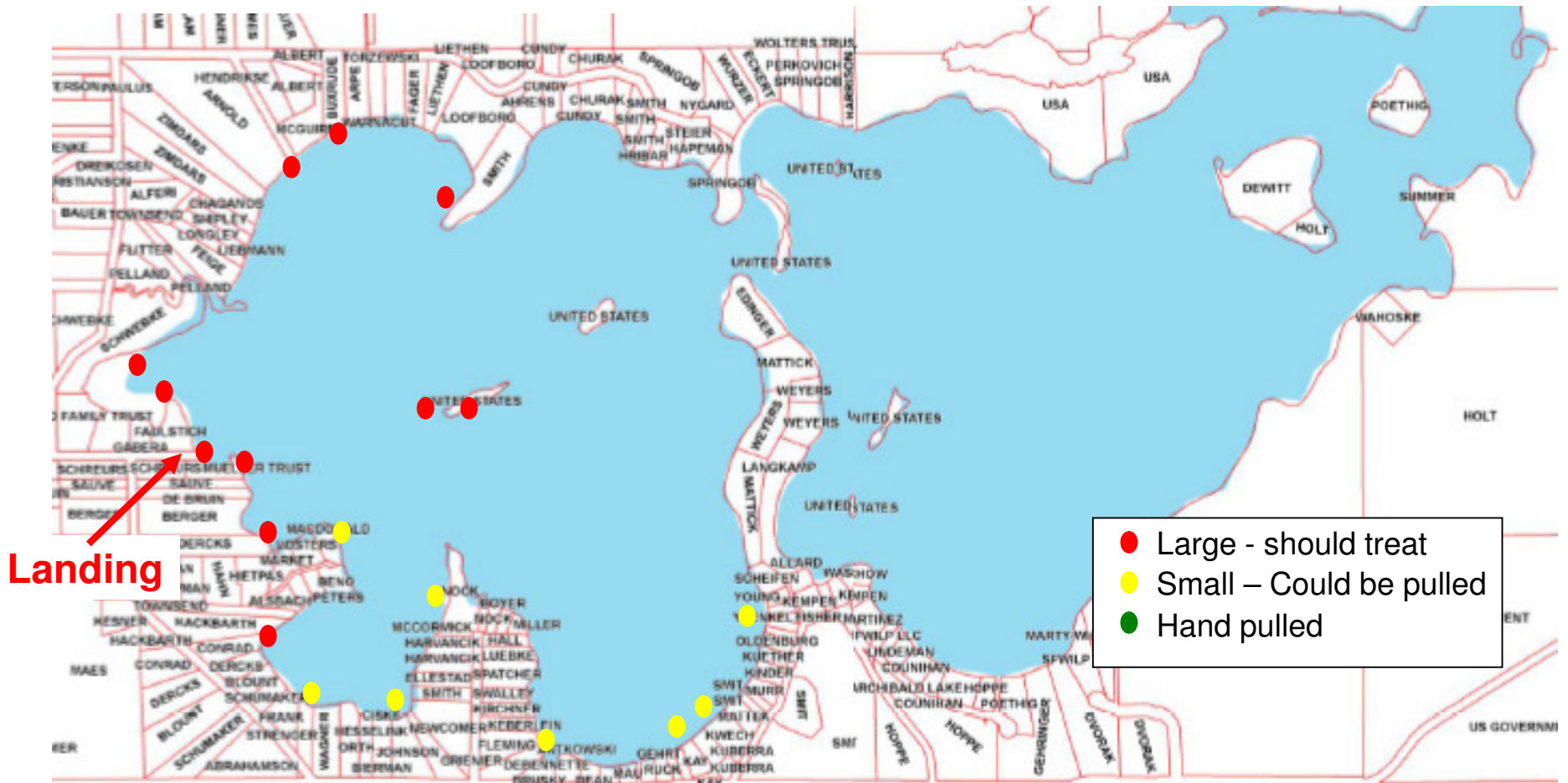
Goal: Remove single EWM plants and small EWM colonies before they become large

- Divide the west lake into manageable areas
- Find and train teams of people responsible for manually removing in “their” area. The areas / people assigned are on the next page.
- Procedure has been written and is available here and on the website
- Need a raft or pontoon boat – tools have been purchased
- If you know of EWM location let us know
- I can be reached at 262.993.4228 or stevefleming77@earthlink.net

***EVERY PLANT REMOVED, IS ANOTHER PLANT THAT CANNOT FRAGMENT
AND START MORE PLANTS AROUND THE LAKE.***



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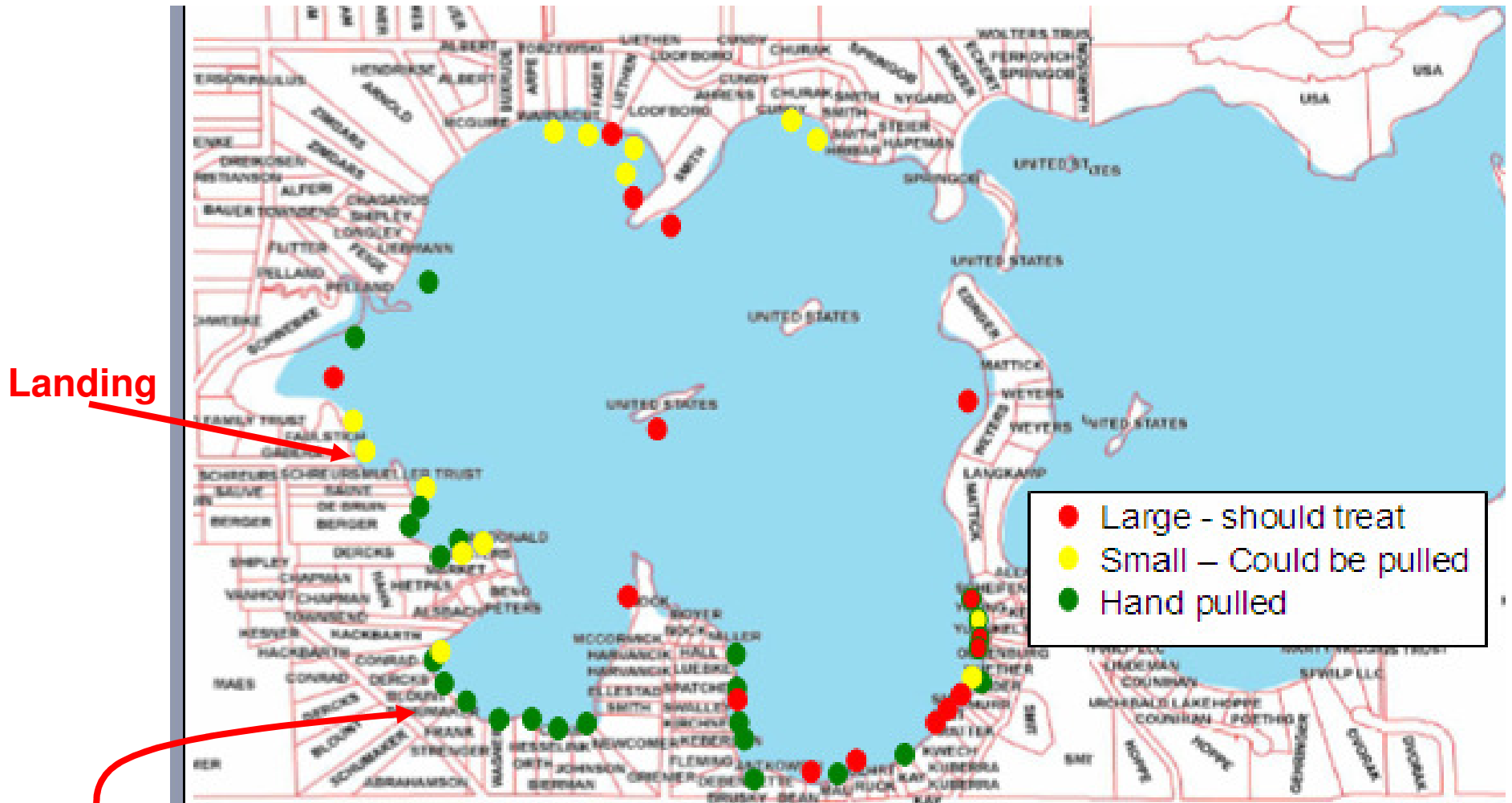


Landing

- Spring, 2012 – After Fall/Spring 2,4-d Treatment
- More Small Colonies Popping Up
- Cannot Treat All The Small Areas...and They Spread



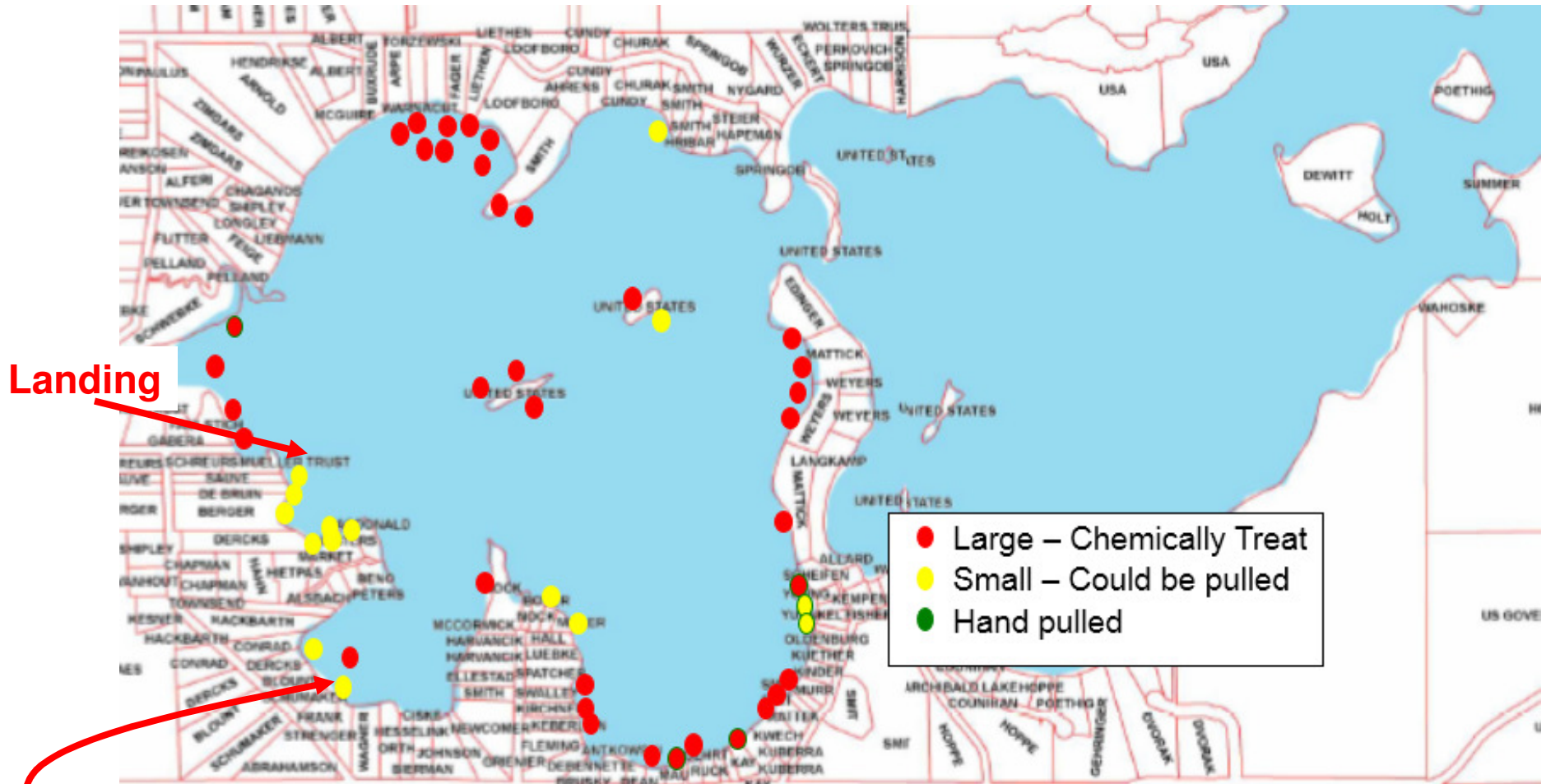
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- Fall, 2012 – After Spring 2,4-d Treatment, Plants Grew Rapidly
- Started a Manual Removal Trial With 4 people in 1 Bay



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- 2013 - Red Dots were Chemically Treated
- 6 Teams Doing Manual Removal of Yellow and all New Locations
- Notice the Bay Where Manual Removal was Done!

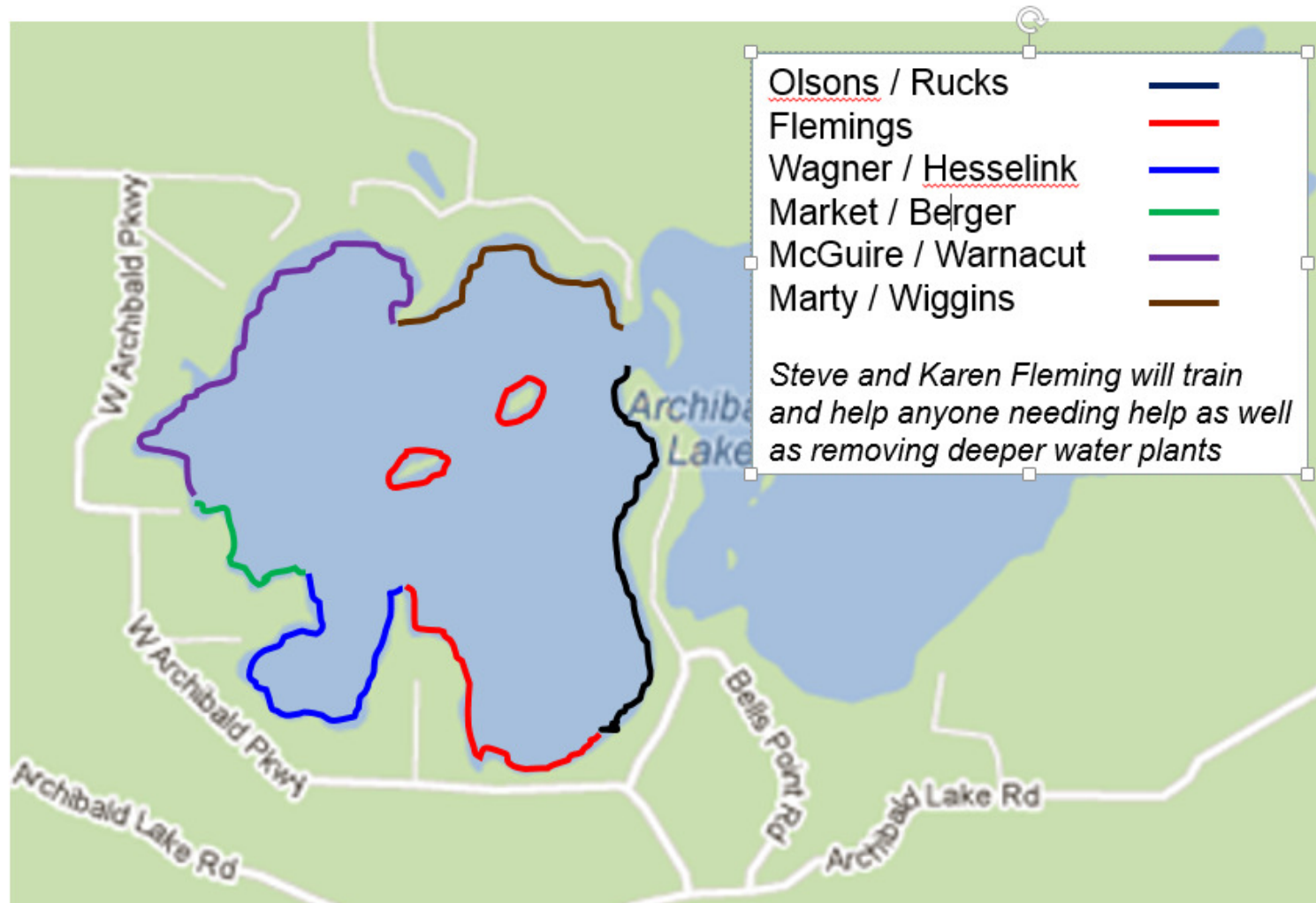
Tow



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EWM Manual Removal Team Areas





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EWM Manual Removal

Thanks you very much for all those who volunteered!

EWM Management is ALL OF OUR RESPONSIBILITIES! It is hear to stay....we need to manage it!

- Learn to identify EWM!
- If people are working around your dock removing plants, please offer to help. Offer to help carry away plants if nothing else.
- Get involved!

This is our first year doing manual removal.

We will be learning and make adjustments in the future!



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Flowering Rush – *Steve Fleming*

Goal: Do research to find method for managing flowering rush. Once found, utilize the method throughout Archibald Lake

- 2011 – Did chemical trials with two chemicals (Renovate Max G and Aquathol K).
- 2012 results indicate Renovate Max G saw a 59% reduction in plant density. Aquathol K, no significant improvement
- 2013 – Repeated trials with larger areas of Renovate Max G and Diquat
 - Diquat treatment will likely require a second treatment
 - Will know results in early 2014.

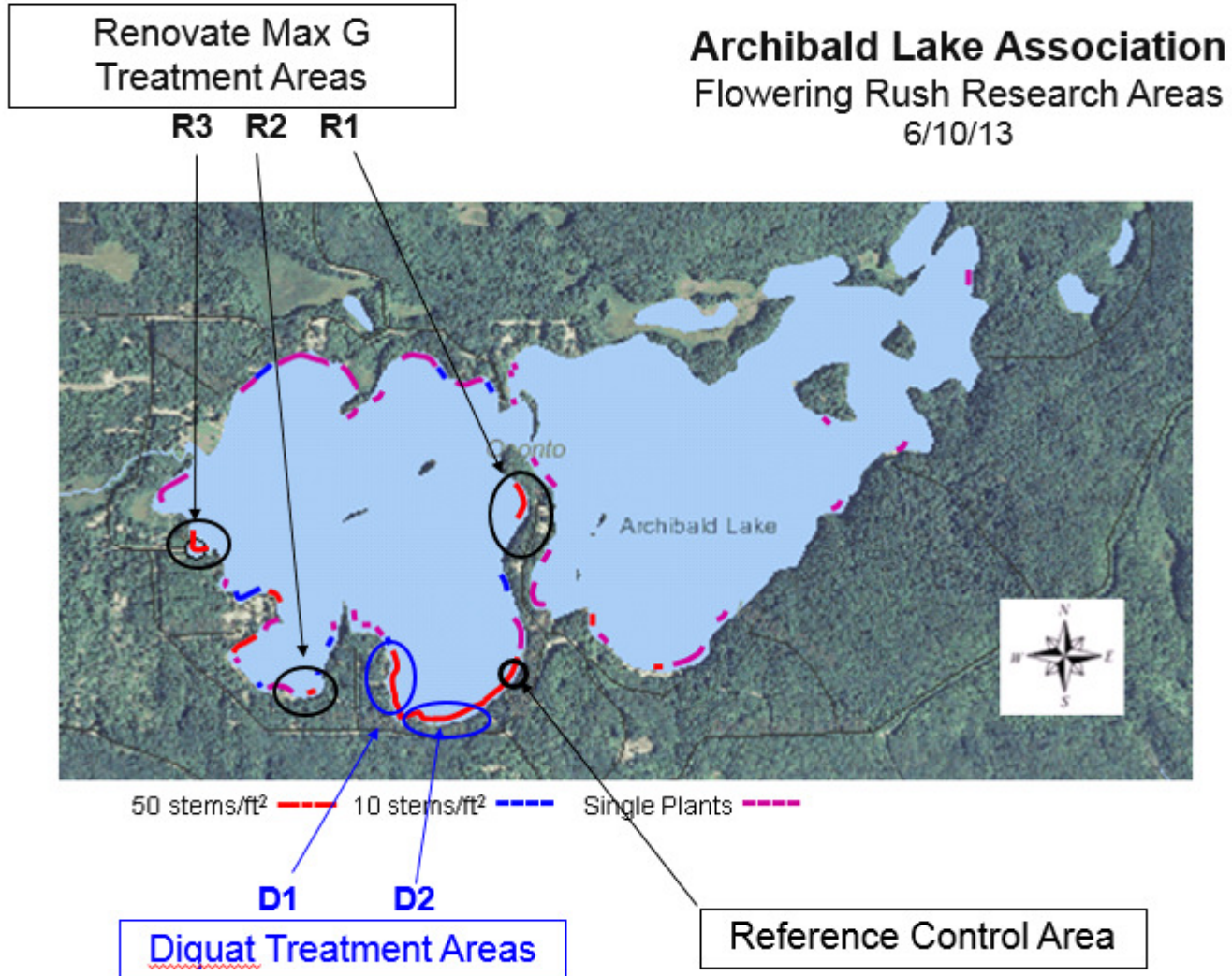
Map of treatment areas is in the next page



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Flowering Rush – Steve Fleming





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WDNR Fishing Report Summary - Steve Fleming

- Report completed by **Chip Long, WDNR Fish Biologist**
- Data was gathered in 2011 and 2012.
- Lakes the size of Archibald should be surveyed every 8 years
- Full Report is available on web site, www.archibaldlake.com
- Report includes 12 month Creel Survey, electrofishing, and fyke netting
- **Thanks to Chip for all his support efforts on Archibald Lake!**

Health of the Fishery is Critical to the Health of the Lake Health!



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WDNR Fishing Report Summary - Steve Fleming

- **Collected 6,094 fish.** 5 most abundant: perch (59%), Bluegill (11%), largemouth bass (10%) rock bass (7%), and walleye (7%).
- **Fishing pressure is moderate** (56.8 hrs/acre). Lower than Oconto County (70.6), higher than the rest of the state (33)
- **3,578 yellow perch collected.** Length: 4.8 – 10.5 inches. Growth: average compared to NE Wisconsin. Successful reproduction evident
- **658 bluegill collected.** Length: 3.2 – 8.3 inches. Growth: average compared to NE Wisconsin
- **598 largemouth bass collected.** Length: 6.3 – 18.6 inches. Growth: average between age 2 – 4, below average for age 5 and older. Successful reproduction was evident. Total abundance of largemouth bass has decreased by 4% since 2007



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WDNR Fishing Report Summary - Steve Fleming

- **447 rock bass collected.** Length: 3.6 – 10.9 inches. Growth improved since 2007. Population well balanced in terms of size / age
- **446 walleye collected.** Length: 5.6 – 26.1 inches. Growth: average below age 6, below average at age 7 and older. 2008 spawning reef likely contributed to the successful natural reproduction of walleye observed in 2011. 2007 estimated walleye population at 1.5 fish/acre vs 1.9 fish/acre in 2011. Stocking small fingerling walleye produced varying results. *Made change to walleye regulations*
- **111 black crappie collected.** Length: 4.9 – 12.8 inches. Growth: average. Successful reproduction. Black Crappie increased in abundance since 2007
- **89 northern pike collected.** Length: 9.5 – 31.8 inches. Growth average up to age 5, below average above age 5. Successful reproduction was evident. Density of northern pike increased slightly from 0.8 to 1.1 fish per acre.



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WDNR Fishing Report Summary - Steve Fleming

- **23 muskellunge collected.** Length: 32.8 – 43.5 inches. Growth: average. There is no good explanation for the decreased collection of muskellunge.
- *Great Lakes Spotted Musky (GLSM) stocking is scheduled to take place annually starting in 2013.*

DNR Recommendations

- Stocking small fingerling walleye has produced varied results.
 - Increase stocking rate from 35/acre to between 50 and 100/acre, or
 - Stock large fingerling walleye at a rate of 5/acre/year
- Low water levels have impacted spawning reef utilization and other spawning
 - Natural spawning was insufficient to create and sustain a desirable walleye density.
 - Extend the current reef 200-300 ft east and add more stone to existing reef below high water mark



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WDNR Fishing Report Summary - Steve Fleming

DNR Recommendations (continued)

- Propose added walleye protection through a minimum length regulation change from 15 to 18 inches.
- Control of EWM and other non-native species is recommended.
- Habitat, habitat, habitat....structure, structure, structure.

Since the Fishing Report was Published

- Chip has submitted applications for Archibald Lake to potentially receive 4,000 advanced growth fingerling walleye per year for the next 2-3 years. Advanced growth is 6 – 9 inches in length.
- Chip has also sent us grant opportunities for habitat projects.

- **Comments / Questions?**



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Potential Fishing Projects for Discussion– *Tim McGuire*

- **Extension of the rock reef**
 - Per DNR, current reef appears to be working. Additional length would provide more spawning opportunities
 - Minimal labor involved by Association but it is costly
- **Tree Drops**
 - Per DNR, tree drops are working and valuable for young fish protection
 - US Forest Service did a lot of work for the last tree drop project
- **Fish Cribs**
 - Fish cribs are also an option. Not as good as tree drops but still valuable
 - Will require a lot of membership labor

May be able to get some grant funding for portion of these!

- **Fisheree**
 - Goal is to raise more money
 - Potential \$s ?????
 - Lots of membership work required



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Open Discussion

- **Topics From the Floor**
- **Final Comments**
- **Motion to Adjourn**