

Manual Removal of Eurasian Water-milfoil on Silver Lake (Waukesha County)

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Silver Lake Management District

Wisconsin Lakes Partnership Convention

April 1, 2016

Seeing Silver Through the Seasons

1993 SEWPRC Memorandum Report No.82, A Lake Protection Plan for Silver Lake, Waukesha County, Wisconsin

Recommendation: Monitor for and hand-pull Eurasian watermilfoil (EWM)

Citizen Lake Monitoring Network Volunteers

2005 Secchi Disk Monitoring

2006 Chemistry Monitoring added

2007 WDNR Small Scale Lake Planning Grant received for Dissolved Oxygen meter and establishment of Lake Management District

Silver Lake Management District Invasive Species Committee

Additional Training/ Programs

Clean Boats, Clean Waters

Aquatic Invasive Species Monitoring

Aquatic Plant Workshop

Wisconsin Lake Leaders Institute

Advanced Lake Leaders Training Seminars

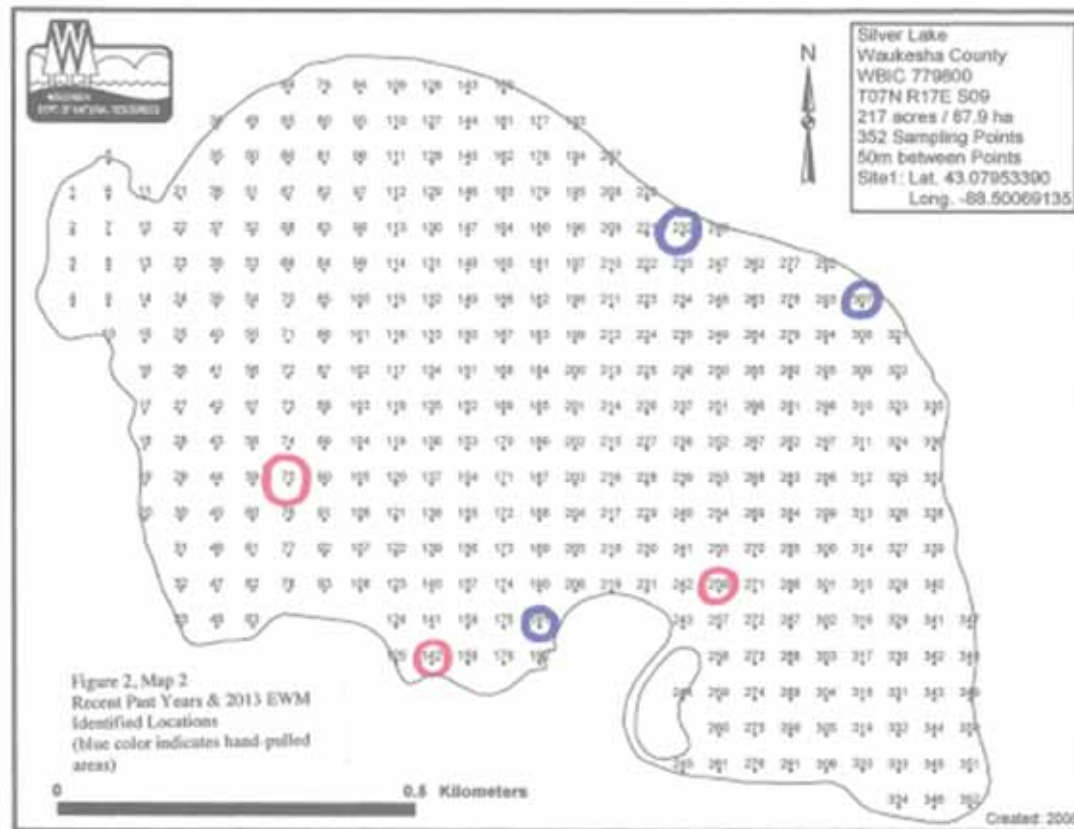
Wisconsin Lakes Partnership Conferences and Conventions

EWM Hand-pulling Seminars

EWM Hand-pulling project shadow - Lulu Lake

Aquatic Plant Point Intercept Survey 2014

EWM - Targeted Locations



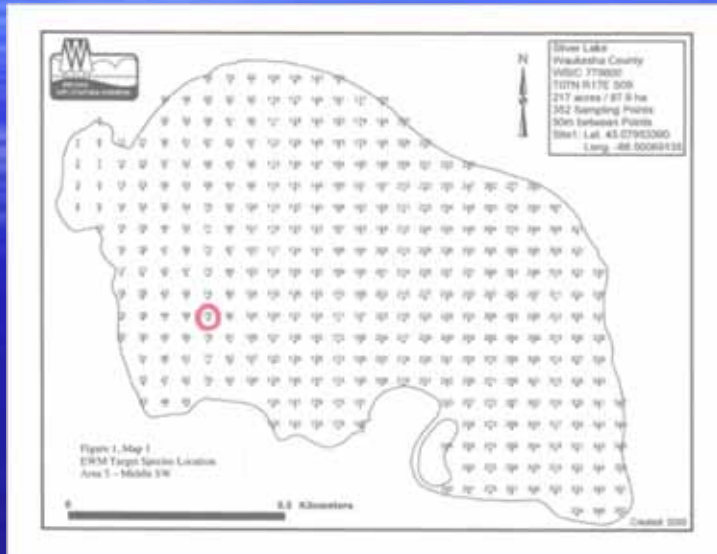
North Shore - 2015

No EWM Plants Found



Video Credit: Nate Rice

1 of 5 projects selected for the Southeastern Wisconsin Invasive Species Consortium, Inc. 2014 Assistance Program



*Photo Credit: Stephanie Puttre,
Underwater Connection*

SEWISC Assistance Program

2014 awardee reports are in!

Five aggressive invasive species control projects were funded through our 2014 SEWISC Assistance Program, which was generously sponsored by the **We Energies Foundation**. These efforts are summarized below:

A \$766.50 award went to the **Silver Lake Management District** for a project using SCUBA divers to control a small population of Eurasian watermilfoil located near the south west corner of Silver Lake in Waukesha County. The funds provided by SEWISC were used to purchase equipment needed for the project. The Lake District engaged and educated 21 volunteers who helped to remove and bag the milfoil pulled by the divers. <http://sewisc.org/resources/newsletters/spring-2015-volume-5-number-1>

Included in SEWISC Assistance Application

Project Summary

Project Description, Location, Control Methods, Timeline

Detailed Summary of the Control Method including:

- Staging and Containment

- Removal Method, Collection and Disposal

- Targeted Species Location Map

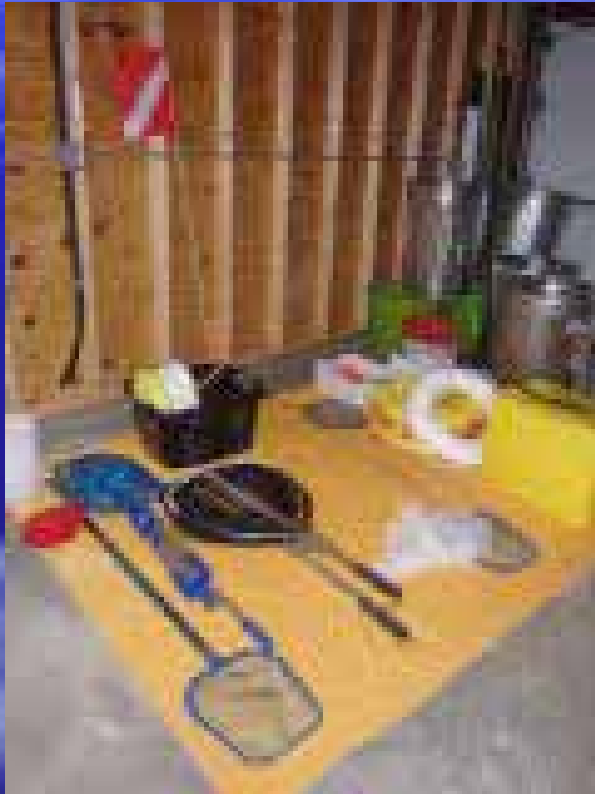
- Summary of Training, Past Project Successes

- Prevention Strategy for Re-Infestation

- Proposed Expenses and Volunteer Contributions

Budget for Twenty-Five Percent of Invasive Control Assistance Request Amount

Equipment



2015 EWM SCUBA Hand-pull Project Plant Area



2015 EWM SCUBA Hand-pull Project in Process



Photo Credit: Kristin Simons

EWM SW- SCUBA Video 1



Video Credit: Stephanie Puttre,
Underwater Connection

EWM Transfer –Video 1



Video Credit: Jessica Rice

EWM Transfer – Video 2



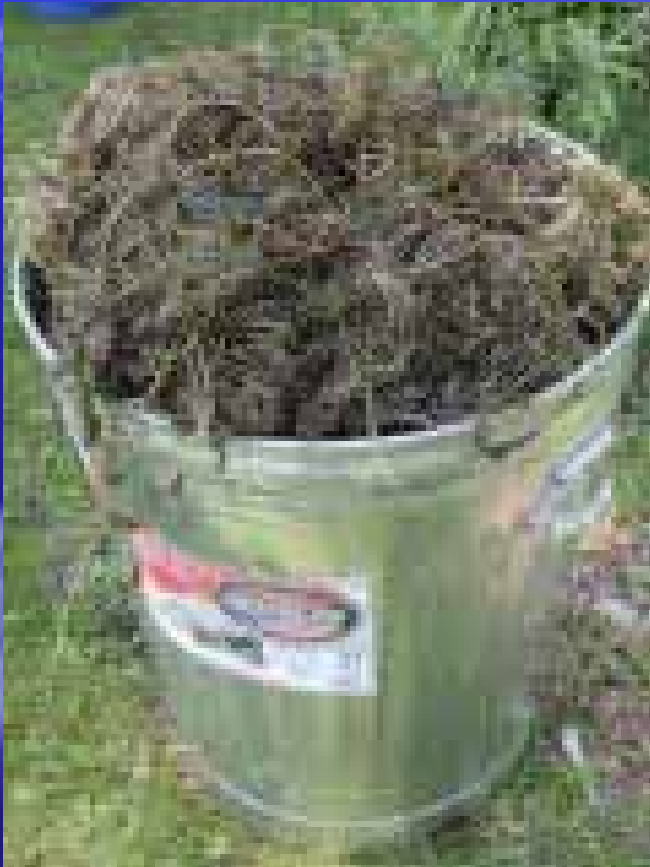
Video Credit: Jessica Rice

EWM SW SCUBA – Video 2



Video Credit: Colin Zylka,
Underwater Connection

2015 EWM SCUBA Hand-pull Plant Biomass



1 Filled 30 GAL Trash Can
in 2015

Compared to

4 Filled 30 GAL Trash
Cans in 2014

3/4 Less Biomass in 2015!

The Work Continues . . .



The work that goes into stopping the spread of Aquatic Invasive Species can be exhausting at times,

but with such an awesome team of volunteers, water resources, and education experts working together,

great successes are sure to continue!

A Big Thank You To All!!!!

Thank You to All
of the
Many Individuals and Organizations
that have
Played an Instrumental Role
in this
Project's Success

Q & A

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