

The Michigan Inland Lakes Partnership

*Promoting collaboration to
advance stewardship of
Michigan's inland lakes*

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MICHIGAN STATE
UNIVERSITY

2006

- Idea – a PARTNERSHIP approach to managing Michigan's lakes
 - Michigan Dept. of Natural Resources
 - Michigan Dept. of Environmental Quality
 - Michigan State University Extension
 - Natural Resource and Industry organizations

 - Visit from the Wisconsin Lakes Partnership
- 

2007

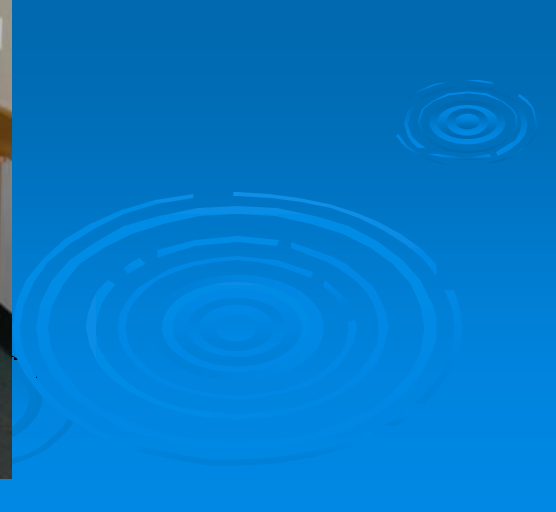
- MSU Extension facilitates meetings with many NGOs, local governmental agencies and Native American Nations
- All agreed to a 3-year trial partnership

2008

- Partnership meetings begin
- Governing Document drafted
 - Coordinating Council formed
 - Highly Inclusive!
- Strategic Plan drafted
 - What will we achieve in 3 years? (June 2008-2011)

2009

- Partners work together toward meeting strategic objectives.
- First public Open Forum to introduce the Partnership and its successes so far, invite participation, and gather input from the public.
 - Supported by the Midwest Glacial Lakes Partnership



Membership

- Government Agencies
 - Federal, tribal, state, or local
- Institutions
- Nongovernmental organizations (NGOs)
 - Lake associations and citizens are typically represented by a larger body, such as Michigan Lake & Stream Associations or watershed councils

MILP Coordinating Council

- The decision-making body of the Partnership. The purpose of the Council is to set goals and objectives as well as direct and facilitate the participation of all partners. The Council currently meets four times per year.
- Grand Traverse Band of Ottawa and Chippewa Indians
- Huron River Watershed Council
- Little River Band of Ottawa Indians
- Little Traverse Bay Bands of Odawa Indians
- Michigan Association of County Drain Commissioners
- Michigan Aquatic Managers Association
- Michigan Boating Industries Association
- Michigan Chapter of the North American Lake Management Society
- Michigan Council of Trout Unlimited
- Michigan Department of Natural Resources & Environment
 - Water Bureau
 - Land and Water Management Division
 - Fisheries Division
- Michigan Lake and Stream Associations, Inc.
- Michigan State University Extension
- Michigan Townships Association
- Michigan United Conservation Clubs
- Midwest Aquatic Plant Management Society
- Muskegon River Watershed Assembly
- The Nature Conservancy

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Additional Partners

- Additional organizations may serve as Partners outside of the Coordinating Council. They are kept informed of MILP activities and are encouraged to collaborate on MILP projects.
 - Great Lakes Water Studies Institute
 - Huron Potawatomi, Inc.
 - Lac Vieux Desert Band of Lake Superior Chippewa Indians
 - Tip of the Mitt Watershed Council
- 

How we Work Together

- Project Teams
- Synergy



Current Projects

- Community and Citizen Education
 - Develop an educational web site focused on Michigan's inland lakes
 - Promote training of community leaders and local government officials

Michigan Inland Lakes Partnership

Search

Our Mission

Promoting collaboration to advance stewardship of Michigan's inland lakes.



◉ Mi. DNR photo David Kenyon

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Welcome!

The Michigan Inland Lakes Partnership welcomes you to our website! The Partnership is a collaborative effort of agencies and organizations interested in stewardship of Michigan's inland lakes. We envision this website as the central source of lake information for everyone interested in protecting and managing Michigan lakes. We invite you to take a look around, and welcome your feedback!

 [Print](#)

Announcements

Save the Date for the Partnership's 2nd Annual Open Forum!

June 24, 2010, 1pm-4pm

Grand Traverse County Civic Center

Traverse City

Make plans to attend the second Open Forum hosted by the Michigan Inland Lakes Partnership (MILP)! Learn about the collaborative work taking place across the state to protect our inland lakes through this innovative partnership of agencies, local governments, and organizations. Take advantage of an opportunity to share your thoughts and ask questions. The Open Forum is free and all are invited. The Open Forum is co-sponsored by [Grand Traverse County MSU Extension](#). The agenda will be posted here when it is finalized. Email Jo Latimore (latimor1@msu.edu), Department of Fisheries and Wildlife, MSU, or call 517-432-1491, with questions or to RSVP.

The Michigan Inland Lakes Partnership presents:

Taking Charge: Special Assessment Districts for Lake Improvements

Friday, October 16, 2009
Kettunen Center
Tustin, MI

Sponsored by:

Michigan Chapter, North American Lake Management Society

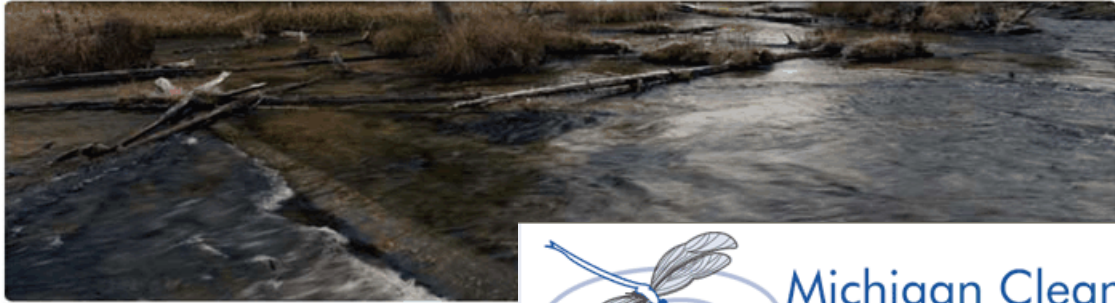
Co-sponsored by:

Michigan Association of County Drain Commissioners; Michigan Townships Association; Michigan Lake and Stream Associations, Inc.; Michigan State University Extension; MSU Institute of Water Research; and the Michigan Aquatic Managers Association.

Current Projects

- Sustainable Lake Ecosystem Management
 - Promote standardized monitoring and information sharing





WELCOME

WELCOME to the Michigan Surface Water Information Management System. This system allows users to view information about Michigan's surface water. Information Technology (DIT), Michigan Department of Environmental Quality (DEQ) and Department of Natural Resources (DNR) are able to view and download data collected by the DEQ and DNR.

The application provides the user two ways to search for water information.

TEXT SEARCH

The Text Search gives the user the ability to search for waterbodies by name, place, watershed or STORET number. The text search is a fast way to narrow down your surface water search. Users with slower dial up connections will benefit from using the text search because the graphics from the map will not be displayed until the user has defined the search. After finding the surface water or information of interest, the user may go to the map or start a new search.

[>>text search](#) [>>read more](#)



Michigan Clean Water Corps

This Page:

[About the CLMP](#)

[More Information](#)

[Program Contacts](#)



Lake Monitoring

About the Cooperative Lakes Monitoring Program

The Cooperative Lakes Monitoring Program (CLMP) has been an important component of Michigan's inland lakes monitoring program for over 30 years, which makes it the second oldest volunteer monitoring program for lakes in the country. The primary purpose of this cooperative program is to help citizen volunteers monitor indicators of water quality in their lake and document changes in lake quality over time. The goals of the CLMP are:

- Provide baseline information and document trends in water quality for individual lakes.
- Educate lake residents, users, and interested citizens in the collection of water quality data, lake ecology, and lake management practices.
- Build a constituency of citizens to practice sound lake management at the local level and build public support for lake quality protection.
- Provide a cost-effective process for the DEQ to increase baseline data for lakes state-wide.



Nancy Beckwith, a CLMP volunteer, measuring Secchi disk transparency



Ralph Bednarz, MDEQ, with CLMP volunteer on Pickeral Lake

Since 1992, the Michigan Lake and Stream Associations (MLSA) has administered the CLMP jointly with the Michigan Department of Environmental Quality under a Memorandum of Understanding. The ML&SA will continue to administer this program under the Michigan Clean Water Corps.

For More Information...

About the 2010 CLMP sampling season or becoming a CLMP volunteer, please visit the [online enrollment page](#).

On upcoming training opportunities and events, please visit the [MiCorps training page](#).

Current Projects

- Invasive Species Management
 - Improve availability of information
 - Promote monitoring
 - Identify barriers to early detection and rapid response





Michigan Inland Lakes Partnership

Our Mission

Promoting collaboration to advance stewardship of Michigan's inland lakes.



Photo by Jo Latimore

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Aquatic Invasive Species

Most plants and animals found in inland lakes are natural parts of a diverse and healthy ecosystem. Unfortunately, there are a few species that can become problematic when introduced to a lake, threatening lake health by becoming overly abundant, crowding out other species, and having often unpredictable environmental impacts. Because of the threat that these invasive species pose to our inland lakes, it is important that we know how to identify them, work to prevent their introduction into lakes where they are not currently found, and understand the available management options if they are found in a lake.



Online Resources

Michigan Department of Environmental Quality – Aquatic Invasive Species
Includes a wealth of current information on invasive species in Michigan's water. The [Aquatic Nuisance Species Control](#) page describes control methods, including permit requirements.

Michigan Sea Grant – Aquatic Invasive Species
Excellent pictures and descriptions of aquatic invasive species that threaten Michigan. Database of invasive species locations. Educational materials for boaters, anglers, and other lake users to help prevent the spread of invasive species.

EXOTIC AQUATIC PLANT WATCH

data form



Lake Name: _____ County: _____

Township: _____

Lake Sampling Site (Field ID) Number: _____

Volunteer Monitor Name(s): _____
.....

Date(s) of Survey : _____

Weather Conditions (sunny, cloudy, wind) _____

Unusual Conditions (heavy rain, boating) _____
.....

Curly-leaf Pondweed

Potamogeton crispus

(harmful exotic)

Leaf two to three inches long, 1/4 to 3/8 inches wide and very wavy. Margins of leaf are very finely toothed along the edge.



Photograph from *A Field Guide to Valuable Underwater Aquatic Plants of the Great Lakes* (MSU Extension Bulletin E-1902)

MICHIGAN INLAND LAKES PARTNERSHIP

REPORT FOR STRATEGIC PLAN PERFORMANCE MEASURE

March 2010

Goal I: Manage Invasive Species

3. Objective: Improve the effectiveness of ANS management in Michigan.
 - a. We have worked with Michigan's ANS Council to identify the barriers to early detection and rapid response to new ANS invasions, possibly including, but not limited to, funding, authority, permitting, and coordination.
Project Team: MAMA, McNALMS, TNC

Actions

The Project Team held a telephone discussion with DEQ/ANS Council staff on February 12, 2009. Participating in the discussion were Project Team members Howard Wandell and Matt Herbert and ANS Council staff Emily Finnell and Roger Everhardt. To prepare for the discussion the Project Team prepared notes and questions to facilitate the discussion (Attachment 1). The results of the telephone discussion are presented in Attachment 2.

ANS Council staff was invited to the March 26, 2009 meeting of the Michigan Inland Lakes Partnership (MILP). Staff member Ms. Emily Finnell attended and gave a presentation. A summary of Ms. Finnell's presentation is offered in Attachment 3. Ms. Finnell provided the MILP a handout developed from the MI Great Lakes Plan regarding "effective use of existing resources"

Current Projects

- **Watershed-based Nonpoint Source Impact Control**
 - Promote natural shoreline protection and restoration



Come Visit!

Michigan Inland Lakes Partnership

MichiganLakes.msue.msu.edu

The background of the slide is a solid blue color. In the lower half, there are several decorative elements consisting of concentric white circles, resembling ripples on water. These ripples are of varying sizes and are positioned in the bottom right and bottom center areas of the slide.