



Great Lakes

Clean Communities Network

• Connect To Protect •

Big change is possible when people work together, generate new ideas, and forge partnerships. That's the goal of the Great Lakes Clean Communities Network (GLCCN), an effort supported by the Great Lakes Protection Fund, where leaders connect in new and powerful ways, and determination drives innovative ideas to address environmental problems locally and throughout the Great Lakes.

The GLCCN Development Team

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GLCCN Advisory Board

Todd Ambbs, Healing Our Waters Coalition

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Partners and Affiliates

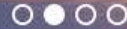


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Great Lakes Clean Communities Network

Promoting collaboration, innovation and leadership through a powerful network



Featured Story

The Rain Gardens to the Rescue Program, launched in 2011, is helping Detroit residents manage (Read More...)

At A Glance

- Complete Your Profile
- Invite New Members
- Notifications ¹⁵

Groups



Connect

Connect with others in the network



Share

Share ideas, tools, and calculators with peers



Tools

Find innovative tools and calculators



EcoScore

Calculate and Track your EcoScore

The Network

The Great Lakes Clean Communities Network is a group of environmental practitioners working to improve their local environment through innovative management strategies, tools, technologies, and collaboration. Join the Network to connect with others and access innovative tools and resources.

Join Now!





Connect



Connect through Groups

Discuss Great Lakes issues, ideas, and solutions with the GLCCN community.

[Join the Discussion](#)



Connect through the Network Map and Directory

Find users throughout the Great Lakes and filter by areas of interest or expertise.

[Go to the Map](#)





West Michigan Watershed Coalition

Your email status is **Weekly Summary** [\(change\)](#)

Public Group

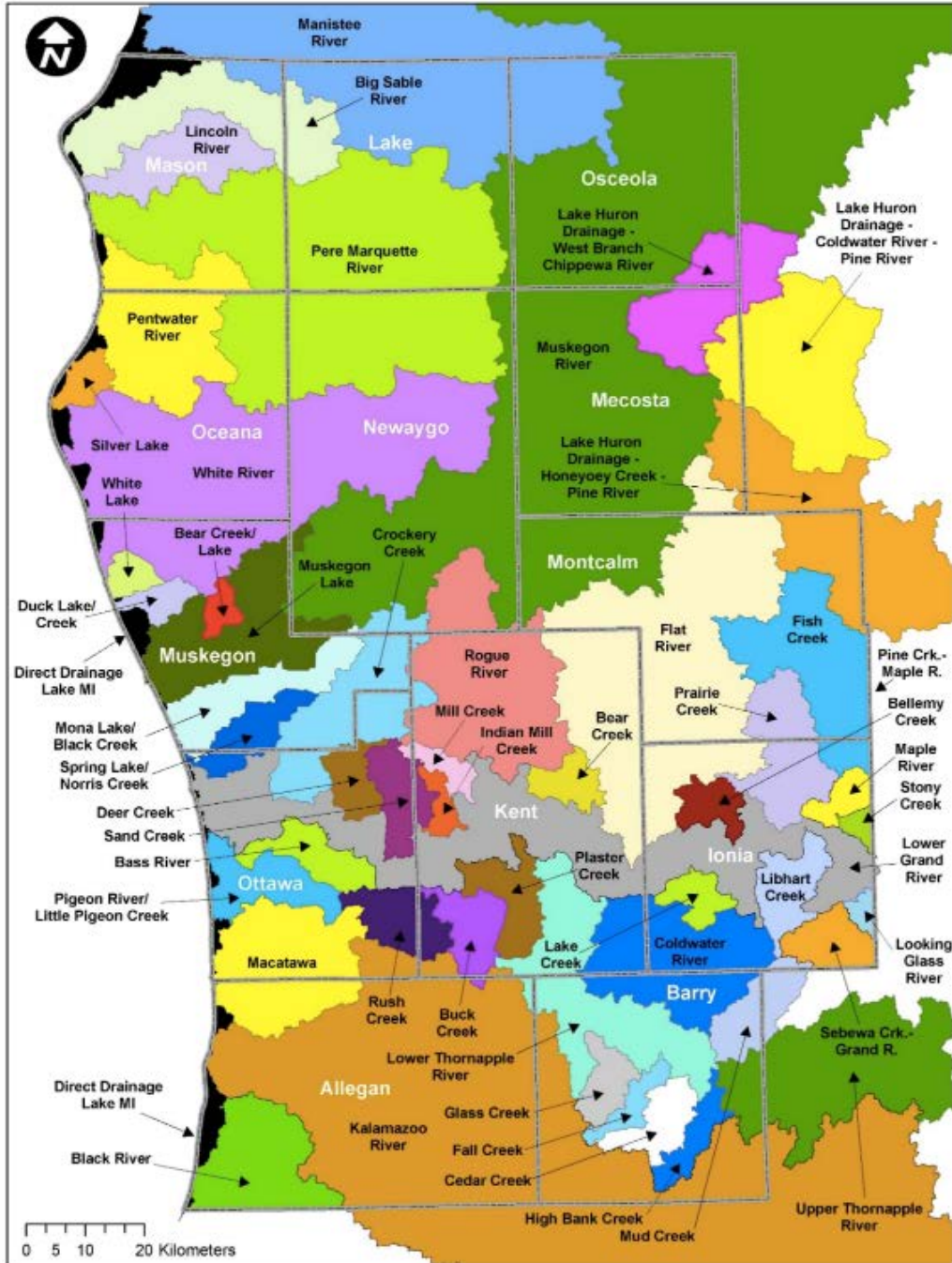
a day ago

The West Michigan Regional Prosperity Alliance (RPA) is providing support for a regional initiative to improve water quality. The West Michigan Shoreline Regional Development Commission, Grand Valley Metro Council and Macatawa Area Coordinating Council are coordinating the 13-county, regional, watersheds initiative.

Group Admins



13 Counties – 54 West Michigan Watersheds



- Bass River
- Bear Creek (Kent)
- Bear Creek/Lake (Muskegon)
- Bellemey Creek
- Big Sable River
- Black River
- Buck Creek
- Cedar Creek
- Coldwater River
- Crockery Creek
- Deer Creek
- Direct Drainage Lake MI
- Duck Lake/Creek River
- Fall Creek
- Fish Creek
- Flat River
- Glass Creek
- High Bank Creek
- Indian Mill Creek
- Kalamazoo River
- Lake Creek
- *Lake Huron Drainage
- *Lake Huron Drainage
- Honeyoey Creek—Pine
- *Lake Huron Drainage
- West Branch Chippewa
- RiverLibhart Creek
- Lincoln River
- Looking Glass River
- Lower Grand River (Mainstream)

- Lower Thornapple River
- Macatawa
- Manistee River
- Maple River
- Mill Creek
- Mona Lake-Black Creek
- Mud Creek
- Muskegon Lake
- Muskegon River
- Pentwater Lake
- Pentwater River
- Pere Marquette River
- Pigeon River and Little Pigeon Creek
- Pine Creek—Maple River
- Plaster Creek
- Prairie Creek
- Rogue River
- Rush Creek
- Sand Creek
- Sebewa Creek—Grand River
- Silver Lake
- Spring Lake—Norris Creek
- Stony Creek
- Upper Thornapple River
- White Lake
- White River



GLAA NY – Great Lakes Action Agenda Sub-Basins

Search Groups...



Request Membership

Private Group

a day ago

The New York State Great Lakes Action Agenda Sub-Basins are four connected collaboration networks of people from New York's Lake Erie and Lake Ontario coastal community organizations, government agencies, and other stakeholder groups. The four sub-basin networks—Lake Erie Sub-Basin, Southwest Lake Ontario Sub-Basin, Southeast Lake Ontario Sub-Basin, and Northeast Lake Ontario Sub-Basin—gather in person and online to develop and implement collaborative regional strategies for Great Lakes natural resources, water quality, resilient communities and sustainable development. All strategies integrate ecosystem-based management, sustainability, smart growth, and

Group Admins





Shannon Dougherty started the topic [SW Lake Ontario Work Group: EBM Pilot Project Selection Survey](#) in the forum [GLAA NY – Great Lakes Action Agenda Sub-Basins](#) 5 days ago

For those interested in participating in an EBM pilot project in the SW Lake Ontario (Genesee River, Coastal SW Lake Ontario) sub-basin: The SW Lake Ontario work group decided to survey work group members to understand where geographic priorities are for implementing a collaborative EBM pilot project that addresses multiple work group priority actions (see draft minutes for priorities). To facilitate this selection process, Wayne Howard created an excellent map of the SW Ontario's HUC-10 watersheds – a pdf can be found in the SW Lake Ontario file and an interactive version can be viewed at <http://tinyurl.com/zy3y5q5>. Many thanks to Wayne for a wonderful job on these maps!!

If you'd like to participate in a SW Lake Ontario EBM pilot project, please refer to the map Wayne created and take the following survey by December 1st: <https://www.surveymonkey.com/r/DTQK82G>. After this date, I'll share the results with the work group and propose next steps.

[Favorite](#)[Delete](#)

Olivia Green joined the group [GLAA NY – Great Lakes Action Agenda Sub-Basins](#) 8 days ago

[Comment](#) [Favorite](#)[Delete](#)

Josh LaFountain joined the group [GLAA NY – Great Lakes Action Agenda Sub-Basins](#) 9 days ago

[Comment](#) [Favorite](#)[Delete](#)

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Share

Share events, resources, and stories with the GLCCN community



EVENTS

Have an event you'd like to share on the GLCCN?

[SHARE AN EVENT](#)



TOOL, CALCULATORS & CASE STUDIES

Know of a tool or calculator, or have a case study?

[SHARE A TOOL OR CASE STUDY](#)



SHARE A STORY

Share a unique story about your community or organization.

[SHARE A STORY](#)





Tools Directory

The Tools Directory compiles online environmental resources for your use including interactive mapping applications, calculators, models, checklists, case studies and more. Search for tools by entering keywords in the search bar (e.g., stormwater, map, runoff) and rate the ones you've used. You can also sort tools by alphabetical order, date published, or rating. If you know of a great tool that would benefit other GLCCN members, you can submit it using the green button below.

SUBMIT NEW TOOL

SORT BY Date

SEARCH



Drinking Water Mapping Application to Protect Source Waters (DWMAPS)

This is EPA's online mapping tool to help you find information about drinking water in your community. This user-friendly tool provides answers to questions like:...

LEARN MORE



Great Lakes Shoreviewer

The Great Lakes Shoreviewer is a risk assessment and climate adaptation planning tool. It provides stunning, oblique-angle color photography plus multiple layers of additional analysis...

LEARN MORE

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[Invite New Members](#)

[Notifications](#) ¹⁵

What We Need From Members This Week

[Review Tools in the Tool Directory](#)

[Create Groups in Your Area of Interest](#)

[Submit Feedback](#)





LOCAL RECYCLERS

Do you have something you wish to Recycle? Use our online database to find local recycling drop off locations. you can search by material or by location to find the best option to fit your needs. Have something to recycle that is not on the list email us at (email) and we will do our best to help you.

[Have a Recycler to Add? Click Here](#)

SEARCH

All Counties



All Recyclable Items



Submit

A

American Flags (2)

Appliances (20)

Arts and Crafts (16)

Asphalt (2)

Automotive (19)

B

Batteries (8)

Bricks/Stone (2)

C

Christmas Lights (1)

Clothing (2)

Computers & Electronics (7)

O

Oil (1)

P

Pallets (6)

Paper & Cardboard (34)

Pet Medications (14)

Plastics # 1-7 (30)

Powder Paint Industrial (1)

Prescription Drugs & Vitamins (29)

R

Roofing Shingles (2)

S



Rainwater Rewards

green infrastructure benefits calculator



[about this tool](#)

1. CHOOSE LOCATION

[reset](#)

Enter
ADDRESS

-OR-

Click on
MAP

-OR-

Select
**NEIGHBORHOOD
TYPE**

2. ADD GREEN INFRASTRUCTURE

Select type... 



3. VIEW SUMMARY

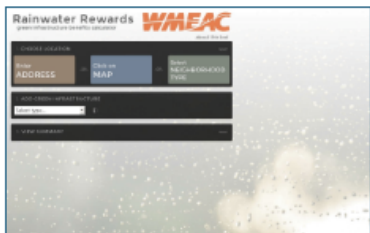
[reset](#)



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[<< Back to Tools Directory](#)



Rainwater Rewards Calculator

This green infrastructure benefits calculator is available within the Grand Rapids area. The tool was developed by West Michigan Environmental Action Council (WMEAC), Grand Valley State University (GVSU) and Michigan Tech Research Institute (MTRI) with funding from the USDA Forest Service Great Lake Restoration Initiative.

Share this:



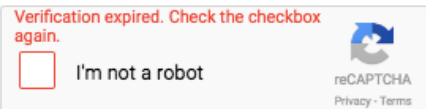
Keywords: , stormwater, calculator, cost-benefit

Posted by: [laura](#)

[TRY THIS TOOL](#)

Submit a Review

Logged in as [Ken Freestone](#). [Log out?](#)



Ease of use



Expense



Support



Performance



We have been looking for a tool that to help us determine value and eco-system services provided through Green Infrastructure practices|



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Rainwater Rewards Calculator

Ease of use ★★★★★★

Expense ★★★★★★

Support ★★★★★★

Performance ★★★★★★

This green infrastructure benefits calculator is available within the Grand Rapids area. The tool was developed by West Michigan Environmental Action Council (WMEAC), Grand Valley State University (GVSU) and Michigan Tech Research Institute (MTRI) with funding from the USDA Forest Service Great Lake Restoration Initiative.

Share this:



Keywords: , stormwater, calculator, cost-benefit

Posted by: [laura](#)

[TRY THIS TOOL](#)

1 Review



Ken Freestone on November 18, 2016 at 11:08 am

Ease of use ★★★★★★

Expense ★★★★★★

Support ★★★★★★

Performance ★★★★★★

We have been looking for a tool that to help us determine value and eco-system services provided through Green Infrastructure practices

[Reply](#)



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Submit a Tool

Have a favorite tool or interesting case study? Share it with the GLCCN community using the form below. Feel free to share any tool, calculator or resource that may benefit other users. Note: **Please include the full name of the tool, including an acronym if applicable.**

* Fields indicated with a red asterisk are required.

Name of Tool *

GreenMichigan.org

Description *

Please provide a brief description of the tool

A resource center for environmental solutions. This site/network has a comprehensive framework for searching for recycling services and facilities in the West Michigan region. The platform can be used for any community/region throughout Michigan and in other states.

URL *

Please enter the full URL including http://

<http://www.greenmichigan.org/>

Keywords *

- | | | |
|--|--|---|
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Erosion | <input type="checkbox"/> Land Practices |
| <input type="checkbox"/> Built Environment | <input type="checkbox"/> Governance | <input checked="" type="checkbox"/> Public Health |
| <input type="checkbox"/> Climate Change | <input checked="" type="checkbox"/> Green Infrastructure | <input type="checkbox"/> Soils |
| <input type="checkbox"/> Crowd Sourcing | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Water |
| <input checked="" type="checkbox"/> Ecosystem Health | <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Wetlands |

Additional Keywords

List keywords separated by commas

Recycling, resource recovery, disassembly, repurposing, reuse

What We Need From Members This Week

[Review Tools in the Tool Directory](#)

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[Submit Feedback](#)



Take Your EcoScore!

[Take your EcoScore now!](#)

At A Glance

[Complete Your Profile](#)

[Invite New Members](#)

[Notifications](#) ¹⁵

Contact Us

Please use this form to provide us with site feedback.

We appreciate any comments,

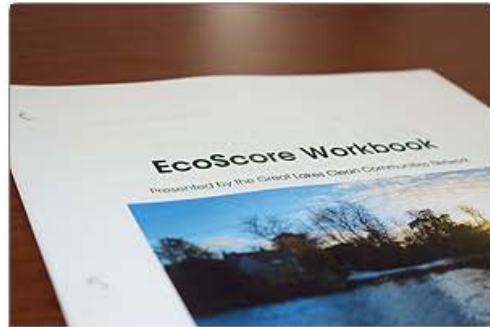


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EcoScore



EcoScore Workbook



Clean Community Designation



Find Your EcoScore

What is the Scorecard?

The scorecard is a free tool available through the GLCCN that allows communities and organizations to evaluate their current condition of "ecological health" based on a set of indicators. A target is established for each indicator. Points are tabulated and your specific indicator is identified along with a quick-look meter that shows your progress through a FAIR, GOOD, or EXCELLENT rating scale and how you compare to the regional average.

Communities can:

- **Become eligible to receive awards and competitive funding** for ecological improvements
- **Compare thier results** with others
- **Receive recommendations** for improving scores

How it Works

Users will be asked a series of questions that provide insight into the state and trend of the community's ecological health. The evaluation will examine not only



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The EcoScore is comprised of 12 land and water ecological indicators

Green Infrastructure

Combined Sewer Overflow

Healthy Rivers & Streams

EPA Water Quality Violations

Phosphorus

Wetlands

Impervious Surface

Brownfield Sites

Urban Tree Canopy

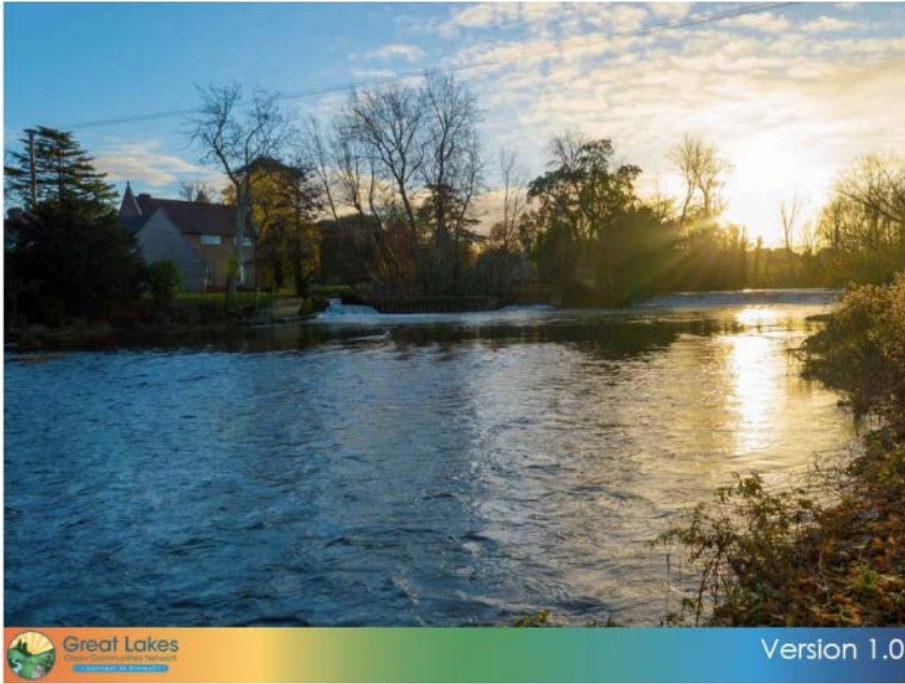
Built Environment

Open Space Preservation

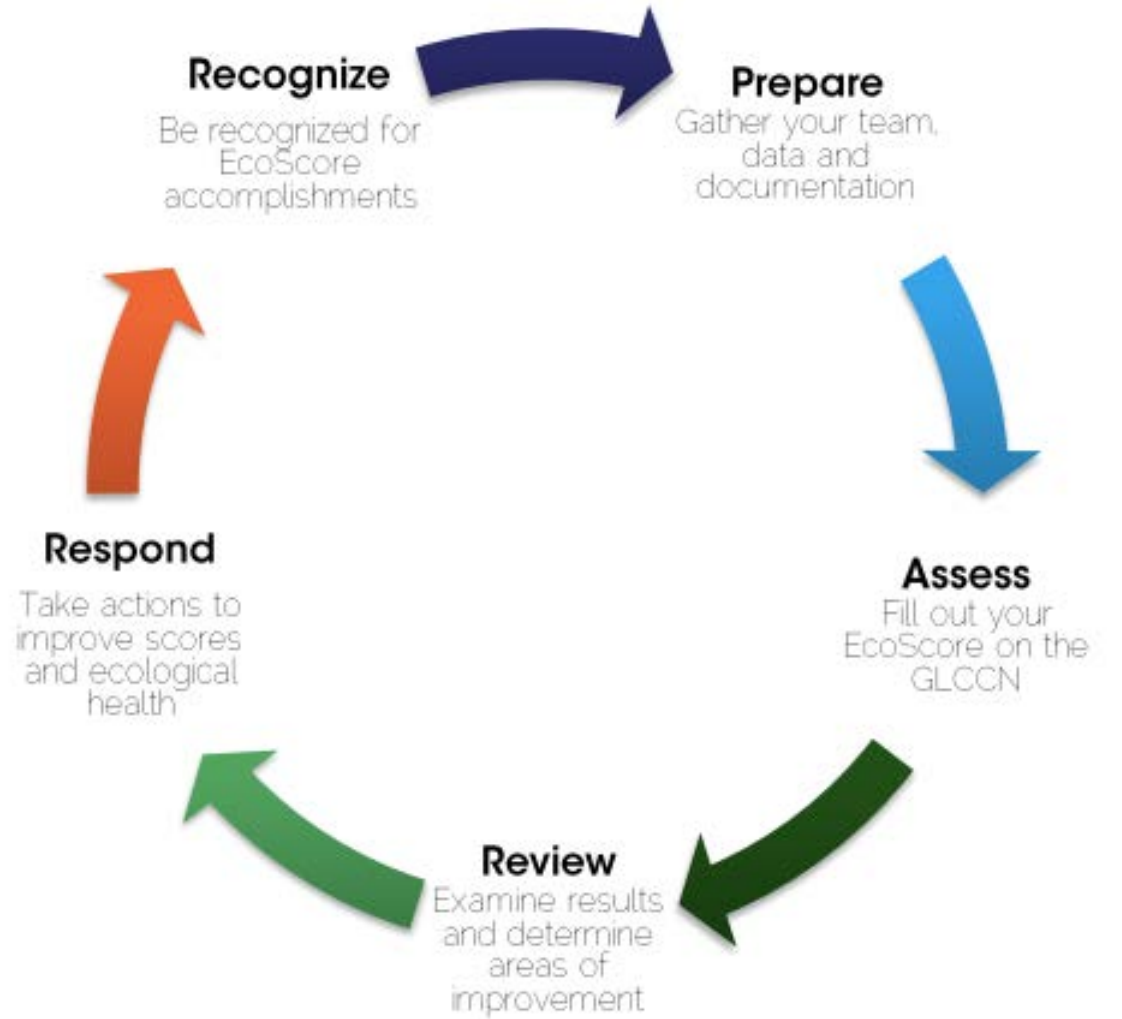
Recycling Rates

EcoScore Workbook

Presented by the Great Lakes Clean Communities Network



March 2016



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WATER INDICATORS | WAT-3: HEALTHY RIVERS AND STREAMS

RATIONALE

Aquatic life serves as the "canary in the coal mine," alerting us to environmental changes in specific stream and river reaches like pollutants entering the water or environmentally degrading land use practices. People benefit from healthy rivers and streams through more enjoyable and safe recreational opportunities, more healthy fish to catch and eat, cleaner water to swim in and enhanced aesthetic value attributed to clean waterways. Stream monitoring programs, though methods and rating systems differ by state, assess the abundance, diversity and condition of invertebrates and other aquatic life to summarize an overall stream health score. Based on a comparison of relative scoring systems among monitoring programs commonly used in Great Lakes states you should aim for a goal of receiving at least 70% of the total points offered in your stream monitoring program.

QUESTIONS

14. Do you have a river or stream monitoring program (e.g. Benthic Index of Biotic Integrity) operating within your community?

- Yes
- No

Reference: _____

15. Which river or stream monitoring program does your community use?

- | | |
|--|--|
| <input type="checkbox"/> Michigan Clean Water Corps Volunteers | <input type="checkbox"/> New York State Biological Assessment Profile |
| <input type="checkbox"/> Wisconsin Water Action Volunteers | <input type="checkbox"/> Issak Walton League of America Creek Freaks |
| <input type="checkbox"/> Minnesota Citizen Stream Monitoring | <input type="checkbox"/> Issak Walton League of America Save Our Streams |
| <input type="checkbox"/> Illinois RiverWatch Citizen Scientist | <input type="checkbox"/> Other |
| <input type="checkbox"/> Indiana Hoosier RiverWatch | |
| <input type="checkbox"/> Ohio DNR Stream Quality Monitoring | |

Reference: _____

16. Does your community have an annual budget for monitoring and controlling aquatic invasive species?

- Yes
- No

Reference: _____

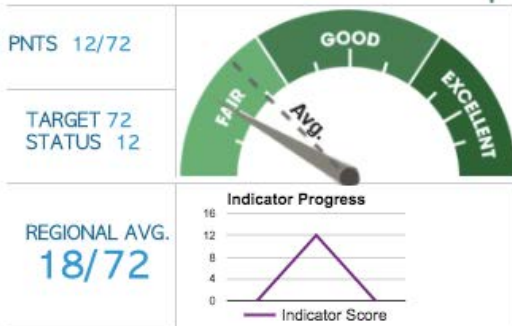
17. What percentage of the points did your community earn from your stream monitoring program in the most recent year? (leave blank if unknown)

_____ %

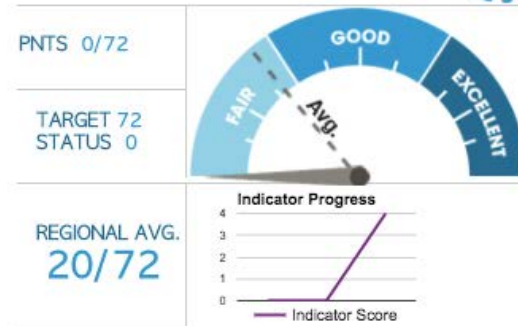
Reference: _____

Overall Land and Water Scores

LAND INDICATORS



WATER INDICATORS



Framework Indicator Scores

RECYCLING RATE



Results

- ~ You decide what to make public
- ~ Reports in Dashboard and PDF Format
- ~ Sample Press Releases available
- ~ Recognition Signage



"We often find there are networks of brilliant people, but very few brilliant networks. We see this as an opportunity to make this a brilliant network. Connecting leaders with leaders to do things that none of them could have imagined doing alone and doing it together is a powerful idea worth investing in."

David Rankin, Great Lakes Protection Fund



glccn.org

Ken Freestone - freeston@msu.edu