

Non-Point Source Grants Webinar

Eligibility, Priorities
&
Notice of Intent

Housekeeping

- All lines will be muted
- Questions can be sent to us via the question/chat box
- We will use polls during the webinar
- The webinar will be recorded and posted online

Welcome and Introductions



Bob Day



Bob Sweet

www.michigan.gov/nps

Agenda

- EPA Program Guidance
- Eligibility Criteria for Application
- Targeted Waterbodies
- Program Priorities
- Process and Schedule
- Notice Of Intent (NOI) Form
- The Nonpoint Source Program website

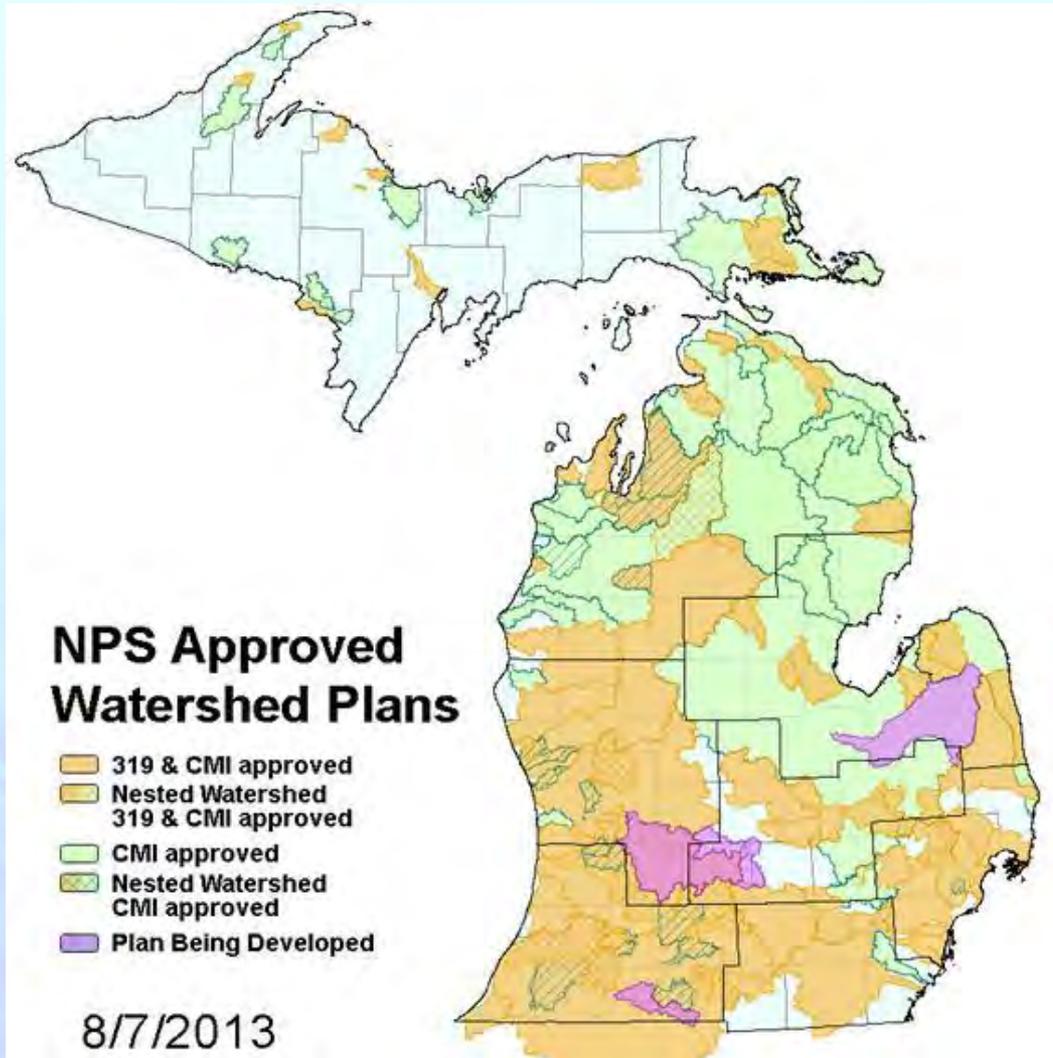
EPA Program Guidance 2014

- New Guidance places a strong emphasis on restoration of NPS impaired waters.
- Watershed Project Funds Can't be used for Developing Watershed Management Plans.
- Relaxed Requirements for Protection Projects.

Eligible Applicants

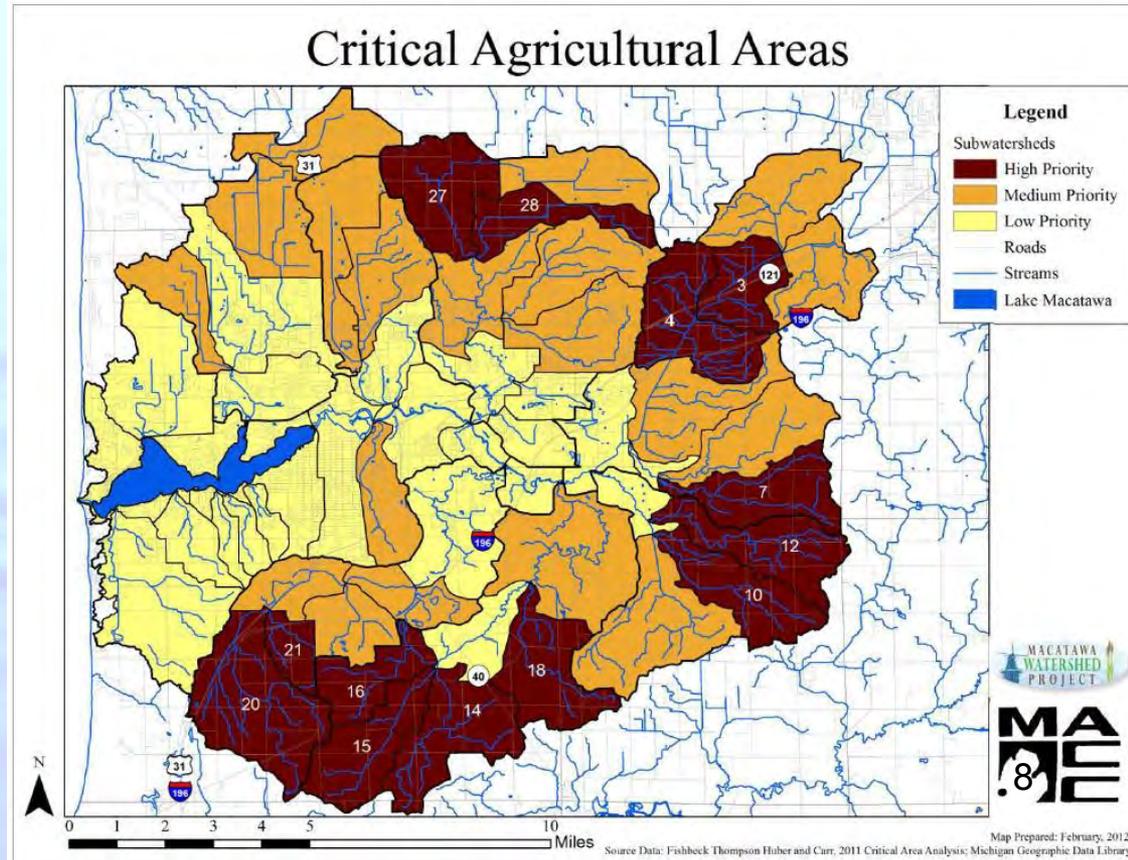
- Units of Government and Not for Profits
- Proof of Audit
- Federal Debarment and Suspension List - System for Award Management ([SAM](#))

Eligible Watersheds



Eligible Projects

- Priority Recommendation
- In critical area identified in plan



Questions?

Excluding cattle from Fitzgerald Creek, a tributary to the Menominee River in Dickinson County, Michigan

Fitzgerald Creek Before:



Fitzgerald Creek After:

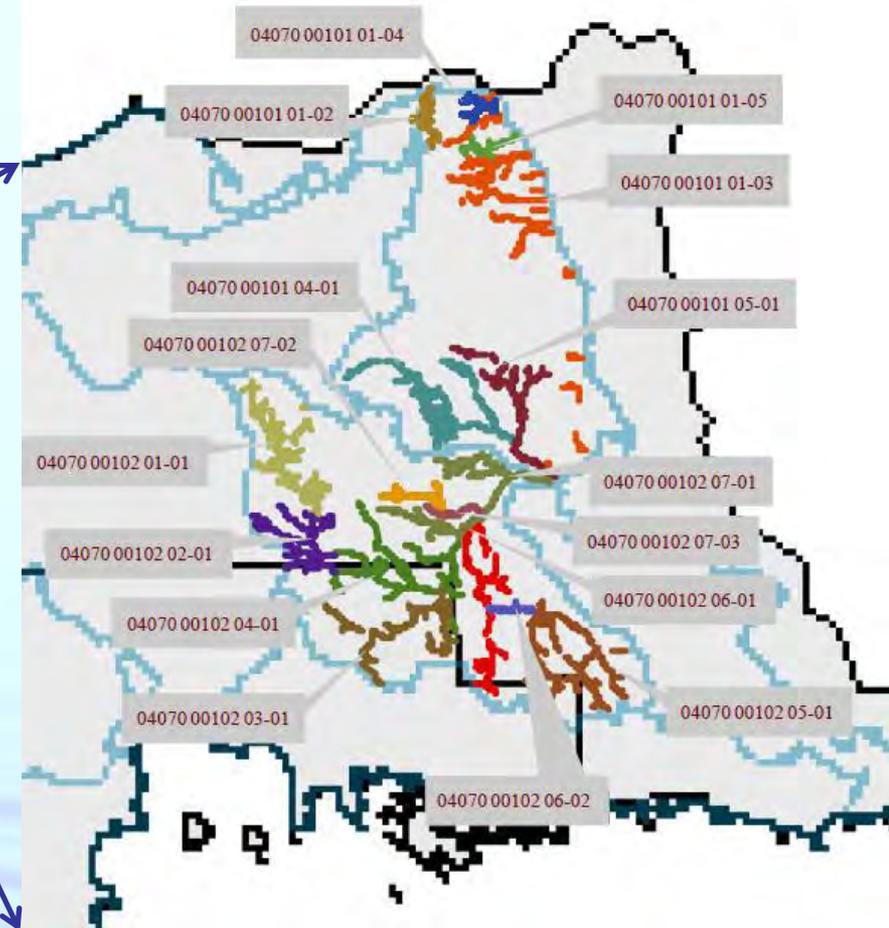
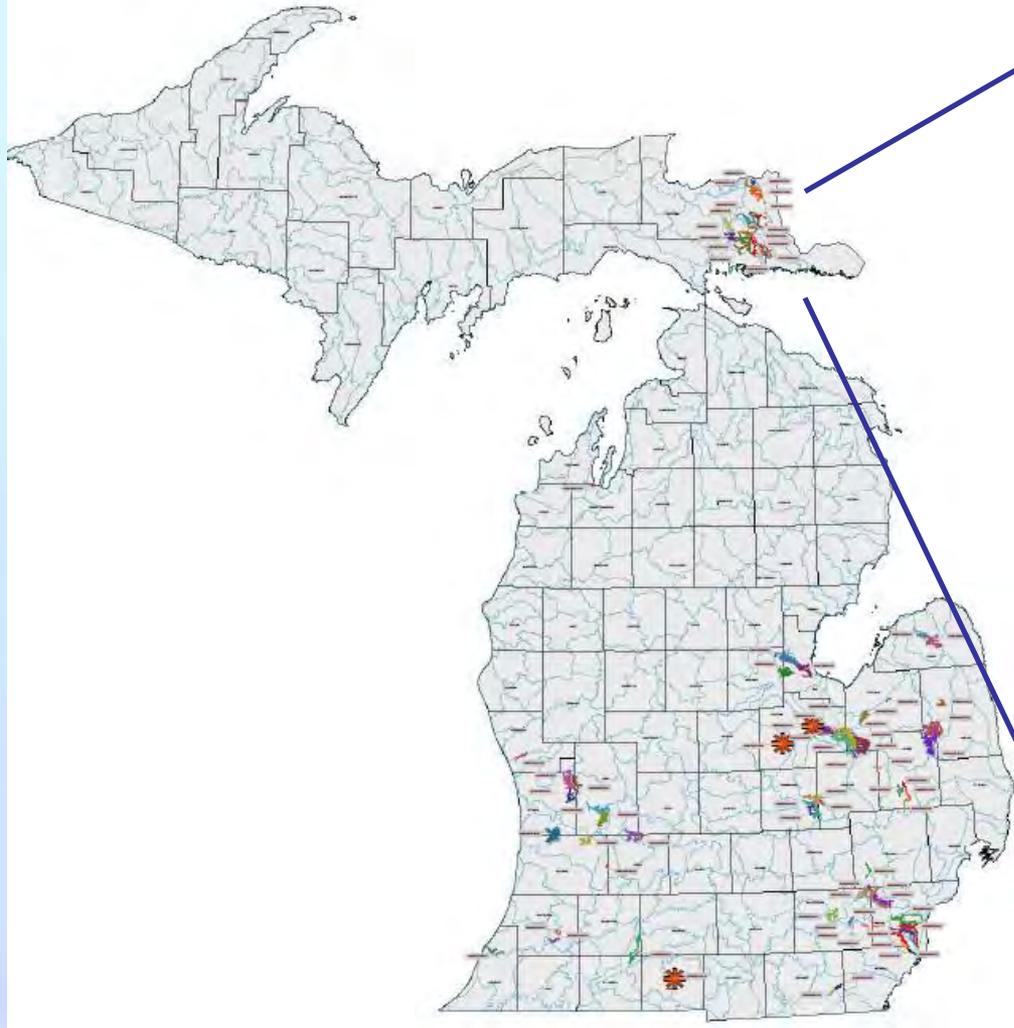


Metric	Pre-BMP (2002)	Post-BMP (2012)
<i>Instream & Riparian Habitat Scores</i>		
Epifaunal substrate/ available cover	7	14
Pool substrate	7	15
Pool variability	11	17
Sediment deposition	10	20
Channel sinuosity	6	11
Bank stability	7	10
Vegetative protection	7	10
Overall rating	"Good"	"Excellent"
<i>Macroinvertebrate Community</i>		
Total taxa	24	28
Sensitive taxa	7	10

Targeted Waterbodies

- [List](#) by District
 - Includes 50 water bodies
 - 7 for planning
 - 7 for protection activities
 - 34 for restoration activities
 - 2 for both protection and restoration activities
- [Maps](#) by Project Type

2014 NPS Targeted Waterbodies for Restoration



Restoration and Protection Outcomes

Restoration projects:

- Measurable improvements that meet the U.S. EPA strategic targets.
- Measurable improvements in water quality in waterbodies that are impaired due to NPS causes.
- Achieve or make substantial progress toward achieving the NPS load reduction targets of an approved Total Maximum Daily Load or Watershed Management Plan.

Protection projects:

- Achieve or make substantial progress toward achieving the land use protection targets of an approved watershed management plan.
- Achieve measurable local water quality improvement at impacted sites in high quality watersheds.

Program Emphasis

Low Impact Development (LID) and Green Infrastructure (GI)

- Encouraging projects that utilize LID and GI to address water quality and quantity issues:
 - In watersheds with impairments caused by unstable hydrology.
 - LID or GI identified as a high priority activity in the associated approved watershed plan.
 - LID or GI activities must be focused on critical areas.
- Projects that appropriately and comprehensively use LID or GI to address water quality issues will be more highly regarded.

Program Emphasis

Demonstrate Change in Knowledge or Behavior

- Conduct a successful outreach and education program
- Use social monitoring to show measurable change in knowledge or behavior.
- Social Indicator Data Management and Analysis (SIDMA) tool.

Program Priorities

- Tier 1: FY14 Targeted Waterbody, implementing the listed Priority Activity, and resulting in one or more of the restoration and protection outcomes or area of emphasis.
- Tier 2: Eligible waterbodies, resulting in one or more restoration or protection outcomes or area of emphasis.
- Tier 3: Other NPS projects which are consistent with the eligibility criteria.

Program Priorities

- Three Tier System - Used Since 2010

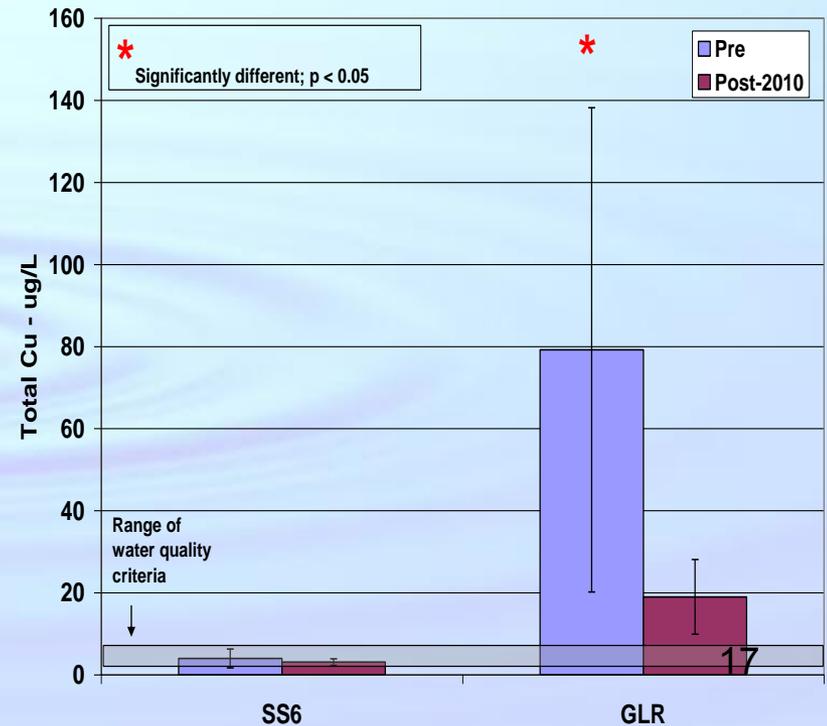
FY10 – FY13	Total	Tier 1	Tier 2	Tier 3
Received	112	66	32	14
Funded	51	44	6	1
% Funded	45%	67%	19%	7%

Questions?

Eagle River Stamp Sand Restoration



Metric	2008	2010	2011
No. of taxa in study reach	2	7	17
No. of individuals in study reach	6	22	769



Process and Schedule

- **Notice of Intent (NOI) Due**
 - Wednesday August 21nd
- **Invitation for full proposal**
 - Wednesday September 4th
- **Webinar for Full Proposal Preparation**
 - Mid-September
- **Deadline for Full Proposal**
 - Friday October 18th
- **Funding Available summer 2014**

Notice Of Intent Forms

- What
 - short form requesting basic information about potential projects and applicants.
- Why
 - Lets us work with applicants to improve projects prior to full proposals being due.
- Submitting the [Form](#)
 - Word© Format via e-mail.
 - E-mail response.

Navigating the NPS Website

- Program Overview
- Information/Education
- Technical Assistance
- Grant Applicant Information
- Grant Recipient Information
- Monitoring and Field Investigation

www.michigan.gov/nps

Questions?

Thornapple River Dam Removal



Dam before removal.

Rock ramp that replaced the dam



Dissolved Oxygen Concentration (mg/L)	August 2008	August 2012
Daily Maximum	9.3	10.0
Daily Minimum	4.2	5.5
Daily Mean	6.8	7.8

NPS Watershed Planning

- Updated Guidance
- Funding Opportunities
 - Technical updates to approved watershed management plans
 - 319 eligible
 - New plans and General or Total Updates
 - SAW
 - CZM
 - Other?

Stormwater, Asset Management and Wastewater (SAW)

- \$450 million available overall, \$100 million available this year.
- Eligible entities include municipalities and other public bodies authorized or created under state law.
- Applications accepted beginning Monday, December 2, 2013

Stormwater, Asset Management and Wastewater (SAW)

- Development of NPS watershed management plans is grant eligible.
- \$2 million cap per applicant for grants.
- Match is 10% up to \$1 million, 25% for the second million.

Stormwater, Asset Management and Wastewater (SAW) Seminars

- September 17, 2013 SEMCOG, Detroit
- September 19, 2013 RAM Center, Roscommon
- September 24, 2013 Ramada Inn, Marquette
- September 26, 2013 Eberhard Center, GVSU Grand Rapids

Register at www.michigan.gov/deqworkshops

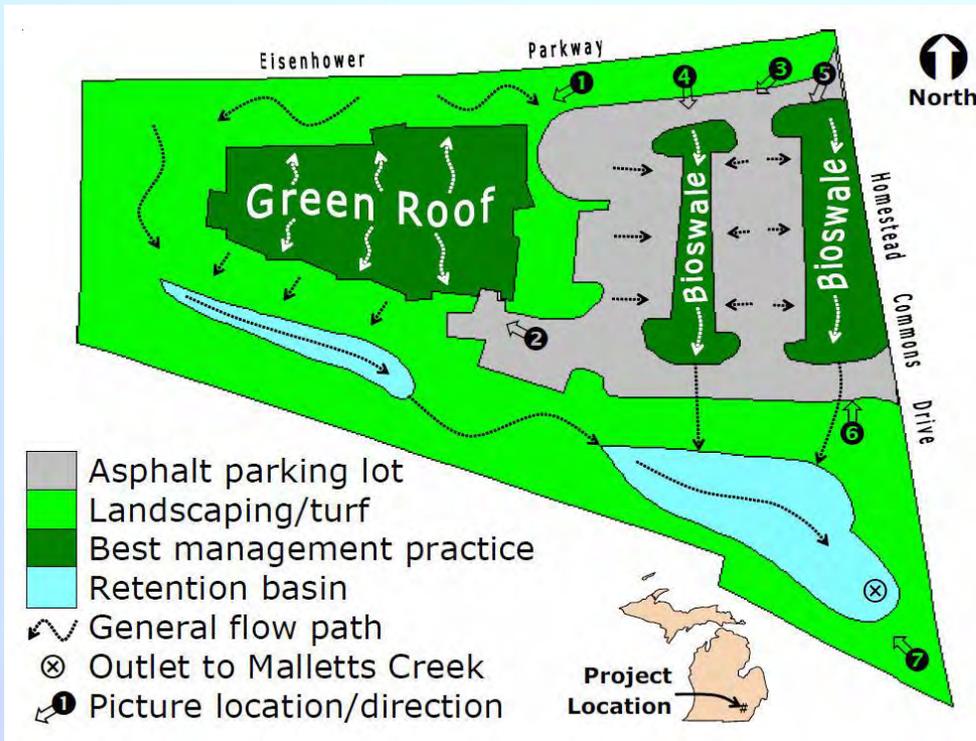
Cost: \$30 – includes seminar materials and refreshments

Contact Information

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517-335-6967

Questions?

Mallets Creek Branch, Ann Arbor District Library



Parameter	Average Reduction in Concentration (%)	Average Reduction in Load (%)
Copper	23	41
Lead	21	47
Zinc	53	66
Oil and Grease	> 36	> 49