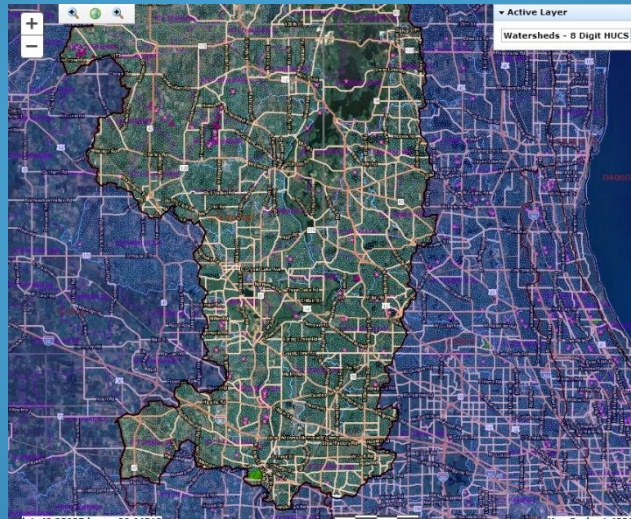


Upper Fox River Watershed Call for Projects



34th Annual ILMA
Conference

*Crystal Lake Holiday Inn
Hotel & Conference Center
800 South Route 31
Crystal Lake, IL*



An overview

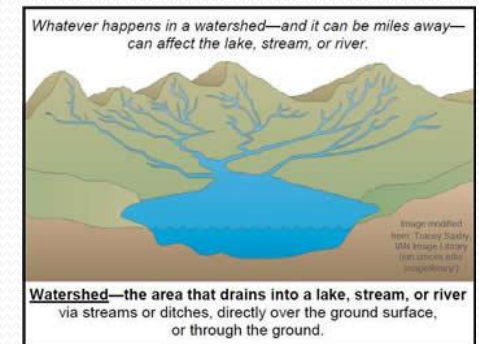
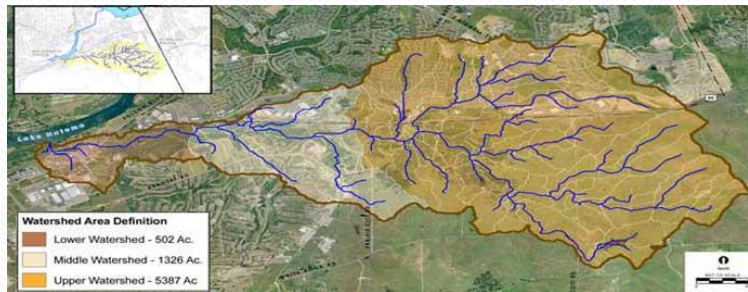


What is a TMDL?

TMDL stands for : Total Maximum Daily Load

Defined as:

A Total Maximum Daily Load (**TMDL**) is a regulatory term in the U.S. Clean Water Act, describing a plan for restoring impaired waters that identifies the maximum amount of a pollutant that a body of water can receive while still meeting water quality standards.





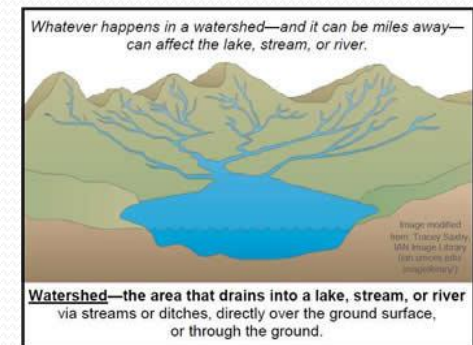
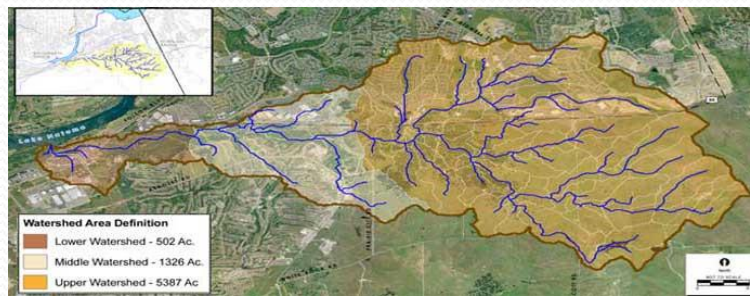
What is Watershed Planning?

Watershed planning and management comprise an approach to protecting water quality and quantity that focuses on the whole watershed. This approach is necessary due to the nature of polluted runoff, which in most watersheds is the biggest contributor to water pollution. Polluted runoff is caused by a variety of land use activities including development, transportation and agriculture, and may originate anywhere in the watershed.

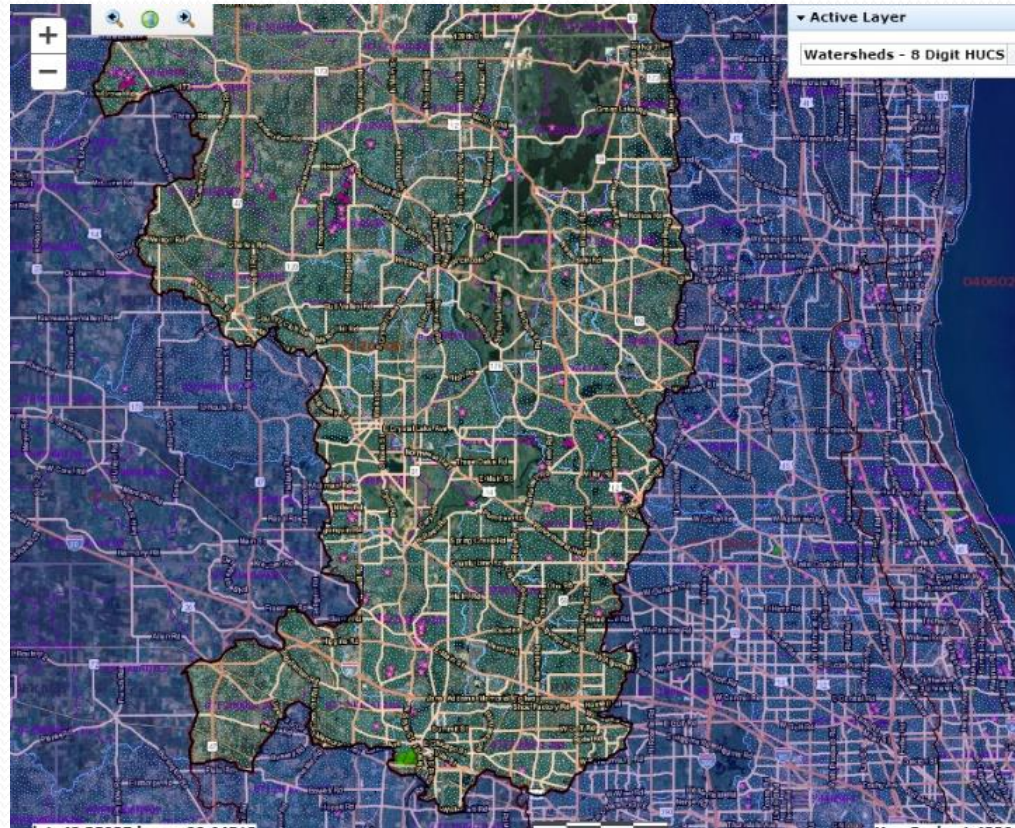
Watershed planning and management involves a number of activities including:

- targeting priority problems in the watershed;
- promoting a high level of involvement by interested and affected parties;
- developing solutions to problems through the use of the expertise and authority of multiple agencies and organizations;
- measuring success through monitoring and other data gathering.

~University of Nebraska - Lincoln



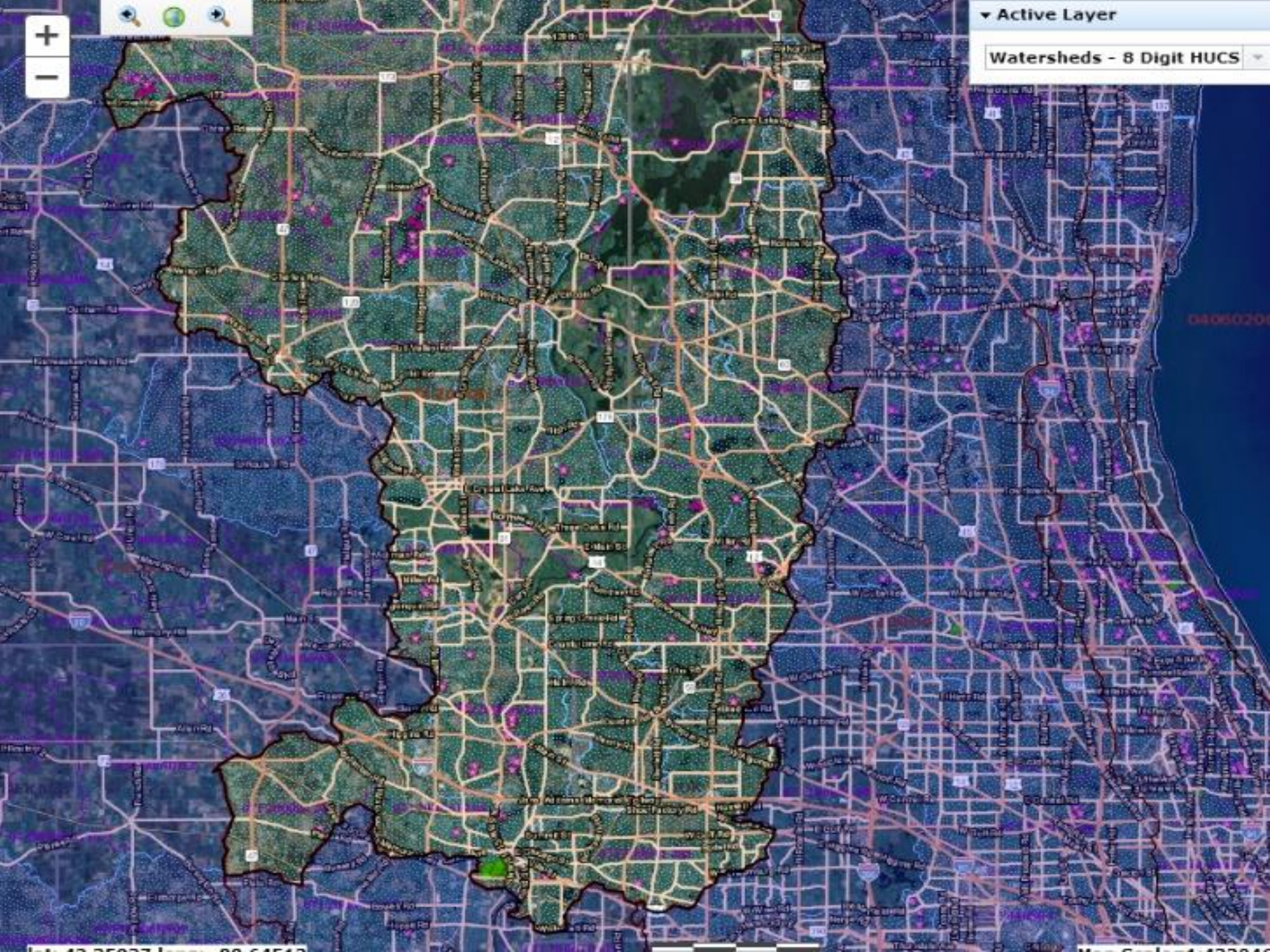
Upper Fox River Watershed





▼ Active Layer

Watersheds - 8 Digit HUCS



43 35037 89 61542

6 14330

What's this about?

- Watershed Planning and TMDL development are typically independent processes.
- Large portions of the Upper Fox River still have not undergone a formal watershed planning process
- The TMDL for the Upper Fox River has gone through numerous delays and revisions.

- **The goal of IEPA is to therefore try and combine this effort.**



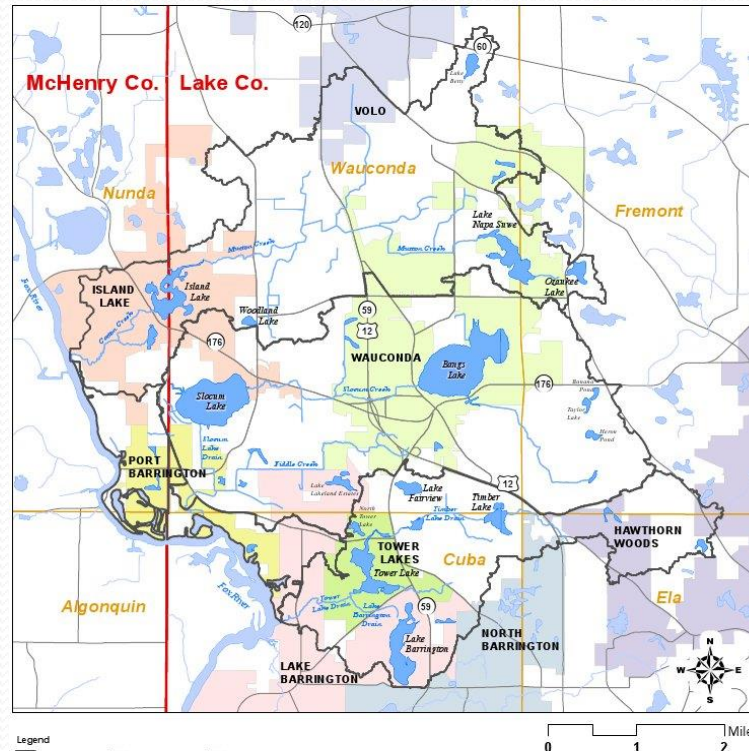
Why is this important?

The listing of identified projects would then become 319 grant eligible.



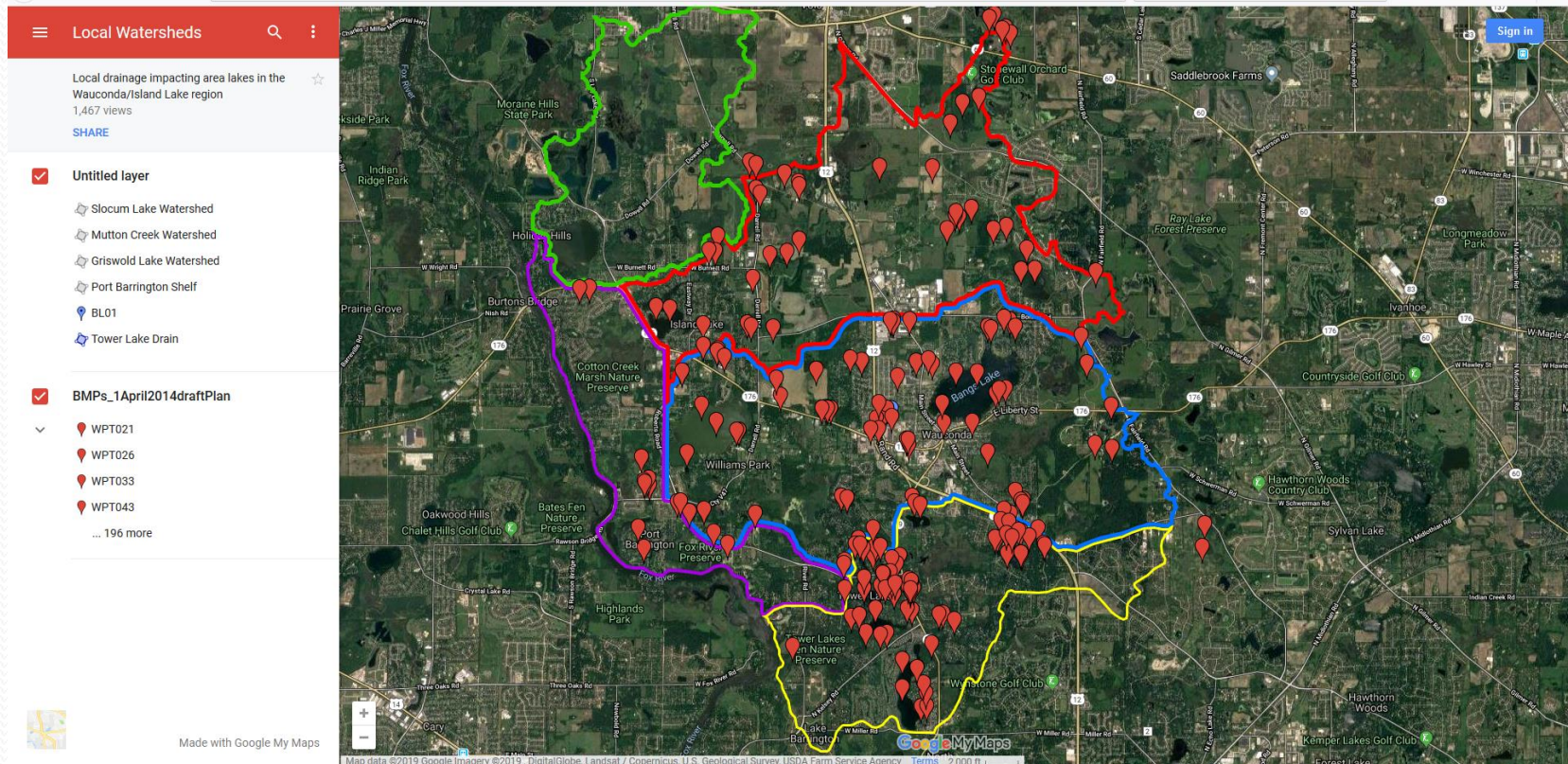
9 Lakes Watershed Plan (Example)

- Exists within the Upper Fox River Watershed
- Watershed Plan Completed in 2014 by CMAP.



9 Lakes Watershed Plan (Example)

200 projects identified by stakeholders and leadership team during planning process, many lake-centric.



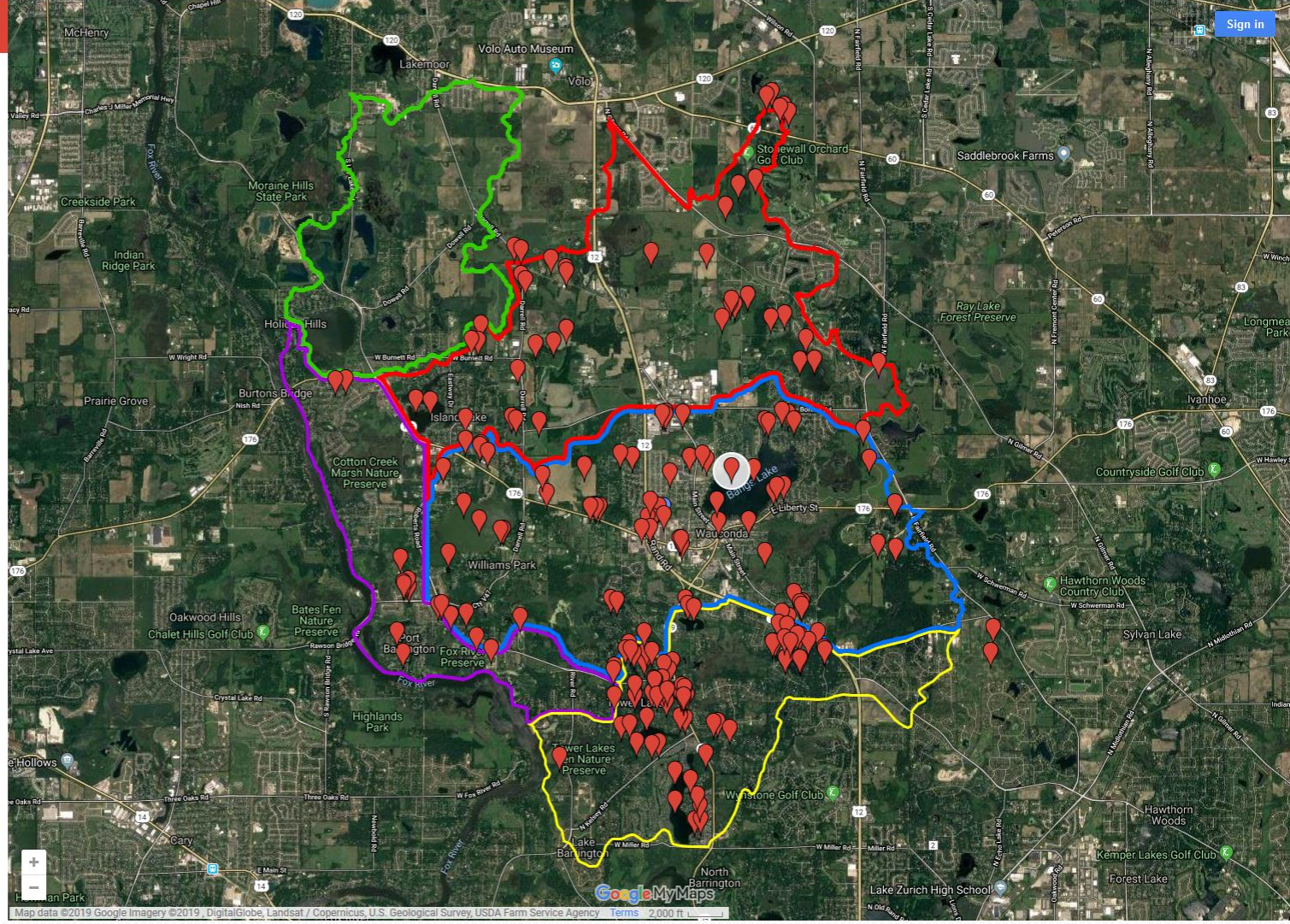
9 Lakes Watershed Plan (Example)



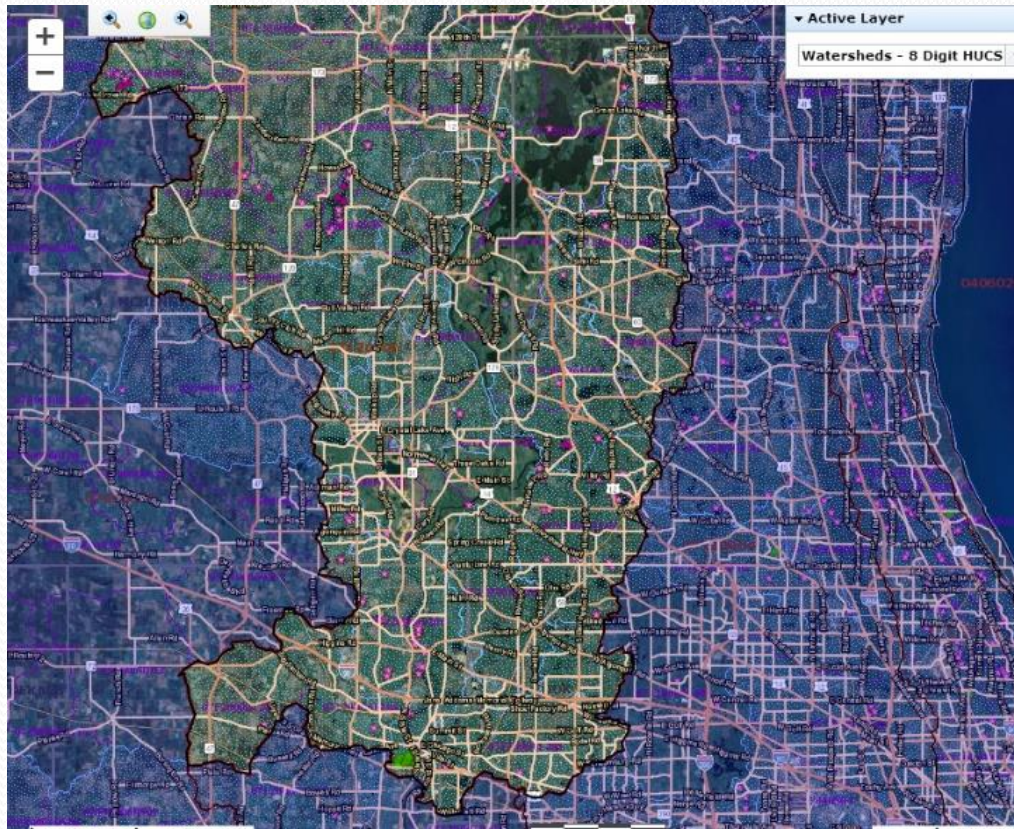
← Untitled

description

FID 163
Name
Describe shoreline stabilization at Bangs Lk
COMMENT
category Hydrologic
BMP_Type_C 580
NumberOfUn 0
RemEff_N 0
RemEff_TP 0
RemEff_TSS 0
Subunit Bangs Lk
Units feet
MapNumber 189
BMP_Jeff
BMP_Type Shoreline Protection
Landowner private (multiple), HOAs, Wauconda Pk Dist
Partners Vlg of Wauconda
load_reduc
POINT_X -88.137353
POINT_Y 42.266093



Upper Fox River Watershed

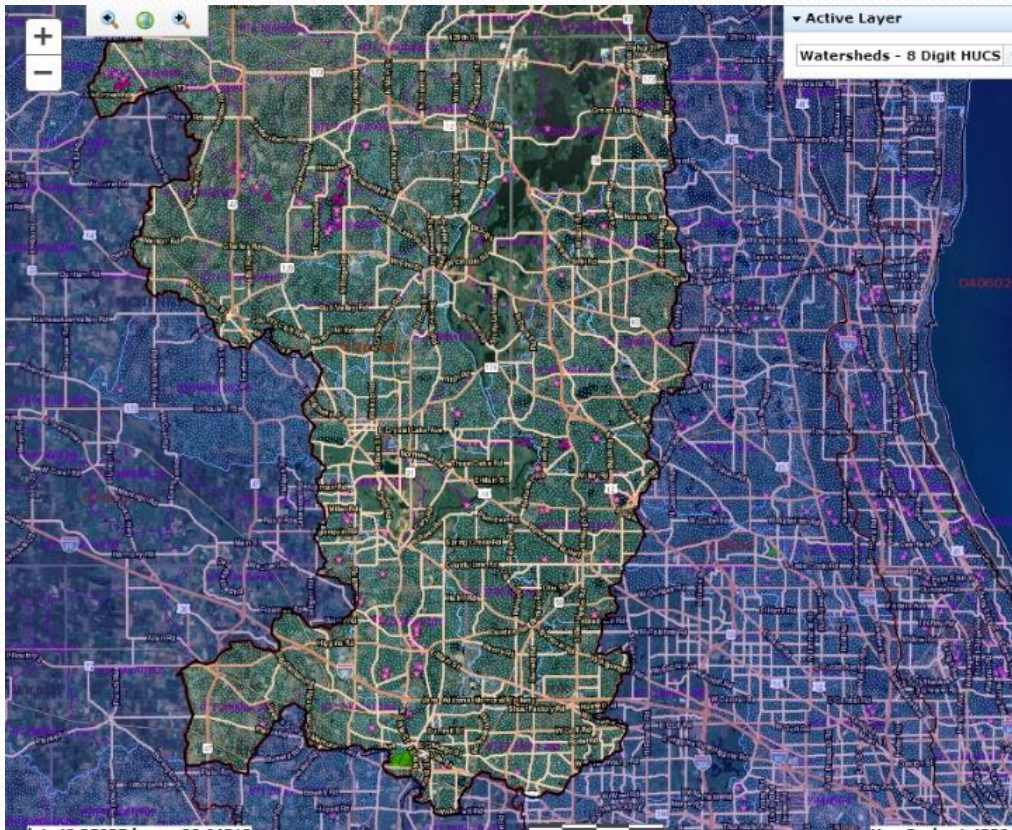


The majority of this area does not have any identified projects.

Additionally even if you are in a watershed with previously listed projects, new ones may be listed in this document.



Do I Live in The Upper Fox River Watershed?



Hopefully at this point you know.

If you do not, you are in the right place! I or any number of conference attendees can help you find out.

What makes for a good project?

- **Restoration based activities:**
 - **Stream restoration, stabilization, enhancement & protection**
 - **Shoreline restoration, stabilization, enhancement & protection**
 - **Wetland restoration, stabilization, enhancement & protection**
 - **Stormwater pond retrofits and restoration**
 - **Landscape based water quality protection measures such as raingardens, bioswales, native vegetation enhancement, bioretention**
 - **Runoff based protections and initiatives**



What is not a good project?

- Typically vague and non-focused projects
- *Dredging* is typically not considered eligible for funding under the 319 program.
- Installation of piers, seawalls, docks, concrete bulkheads.
- Land clearing activities unless it leads to a greater restorative initiative.



FINAL THOUGHTS

- Providing a project does not ensure you will receive funding
- Providing a project only ensures that it will potentially get listed in the plan/document.
- You still have to apply for funding and funding is always limited.
- Grants are competitive

HOW DO I SUBMIT A PROJECT?

ID 100
Name ←
Describe shoreline stabilization at Bangs Lk ←
COMMENT
category Hydrologic
BMP_Type_C 580
NumberOfUn 0
RemEff_N 0
RemEff_TP 0
RemEff_TSS 0
Subunit Bangs Lk ←
Units feet
MapNumber 189
BMP_Jeff ←
BMP_Type Shoreline Protection
Landowner private (multiple), HOAs, Wauconda Pk Dist ←
Partners Vlg of Wauconda ←
load_reduc
POINT_X -88.137353
POINT_Y 42.266093

- Submit a project to one of the contacts listed on next slide or to ILMA and it will get routed.
- Consider the red arrows to the left as starters.
- Brief written description as well.
- We will make mass submittal to IEPA

QUESTIONS???

Brian Valleskey, CFM, CLP
Senior Water Resources Specialist
Manhard Consulting, Ltd.

5707 6th Avenue

Kenosha, WI 53140

bvalleskey@manhard.com

ILMA BOD, 9 Lakes Stewardship Committee, Greater
Pistakee Watershed Partnership, Southeast Fox River
Partnership (WI).

(847) 325-7224

(224) 634-0562 (cell)

Additionally you may contact:

Trevor Sample (IEPA)

217/782-3362

Trevor.Sample@Illinois.gov

Abel Haile (IEPA)

Abel.Haile@Illinois.gov