A person wearing a green t-shirt and a white cap is standing on a small wooden pier or dock in a river. They are holding a fishing rod that is arched over the water. The water is calm with some ripples. The background is a dense forest with sunlight filtering through the trees. The overall scene is peaceful and scenic.

**Middle Eel River Watershed Initiative  
SWCS - Summer Meeting – Hoosier Chapter  
Our Resource, Our Responsibility  
June 8, 2012**

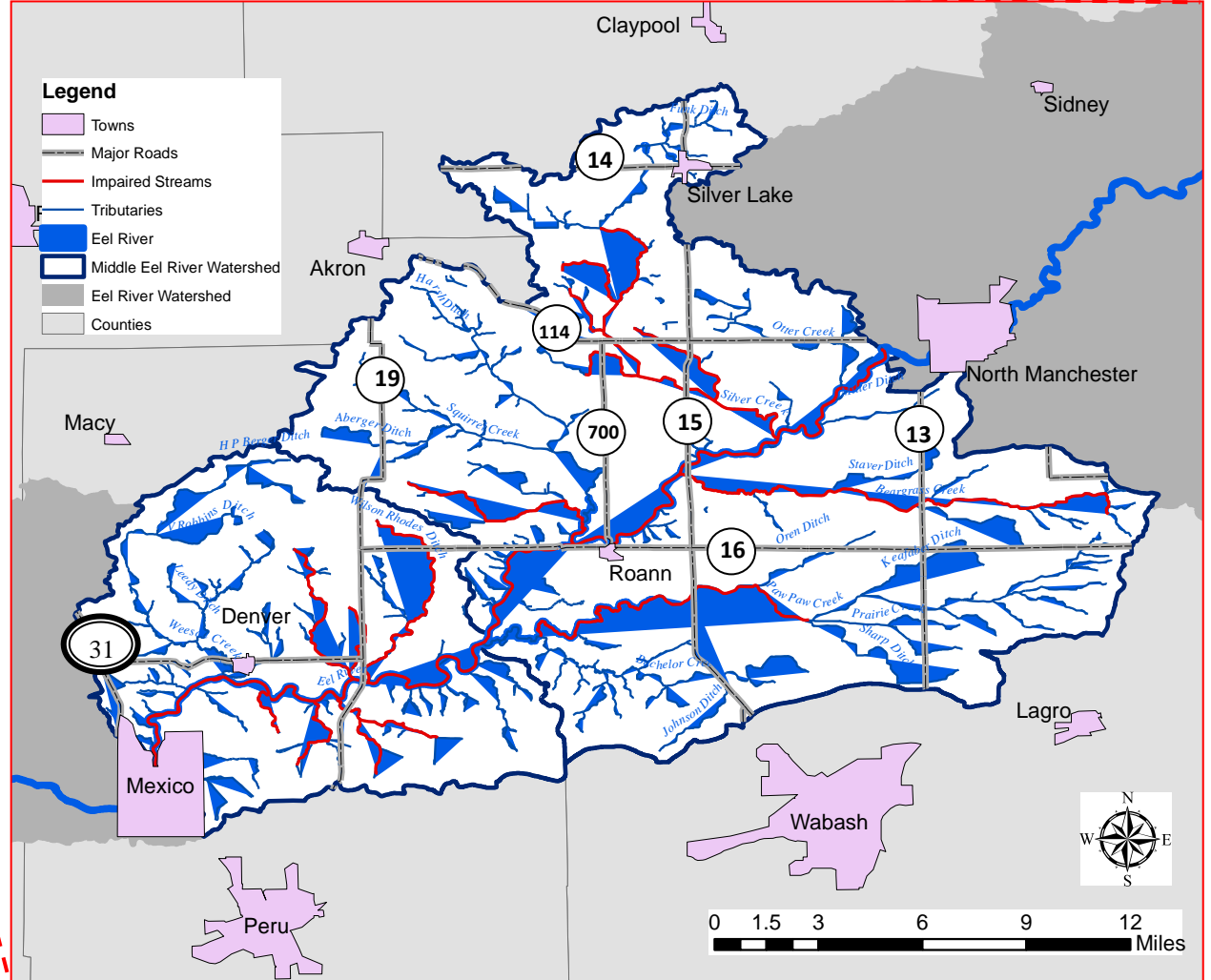
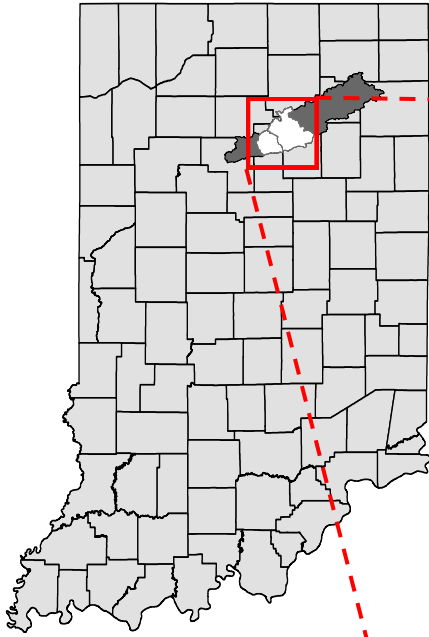
# Today's Talk

- Middle Eel River Watershed Initiative
  - General Overview
  - Education & Outreach Program
  - Cost-Share Program
  - Unique Partnerships
- Water Quality Monitoring – Jerry Sweeten



# Middle Eel River Watershed

0 15 30 60 90 120 Miles



# Goals

- Improve Water Quality
- Enhance Recreation
- Promote Conservation of Natural Resources

## **Middle Eel River Watershed Initiative**

A Coalition Led By Manchester College



# Education & Outreach

- Local Displays
- Public Meetings
- Presentations
- Booths
- Website
- Video
- Watershed Signs



# High School Field Day



# Annual Canoe Float

- ~ 70 People
- Educational
- Family Friendly
- FREE!



# Annual River Clean-Up

- North Manchester
- Trash Collected
  - Over 100 Tires
  - ~23, 000 Lbs. Trash
  - ~8,000 Lbs. Metal





# Cost-Share Program

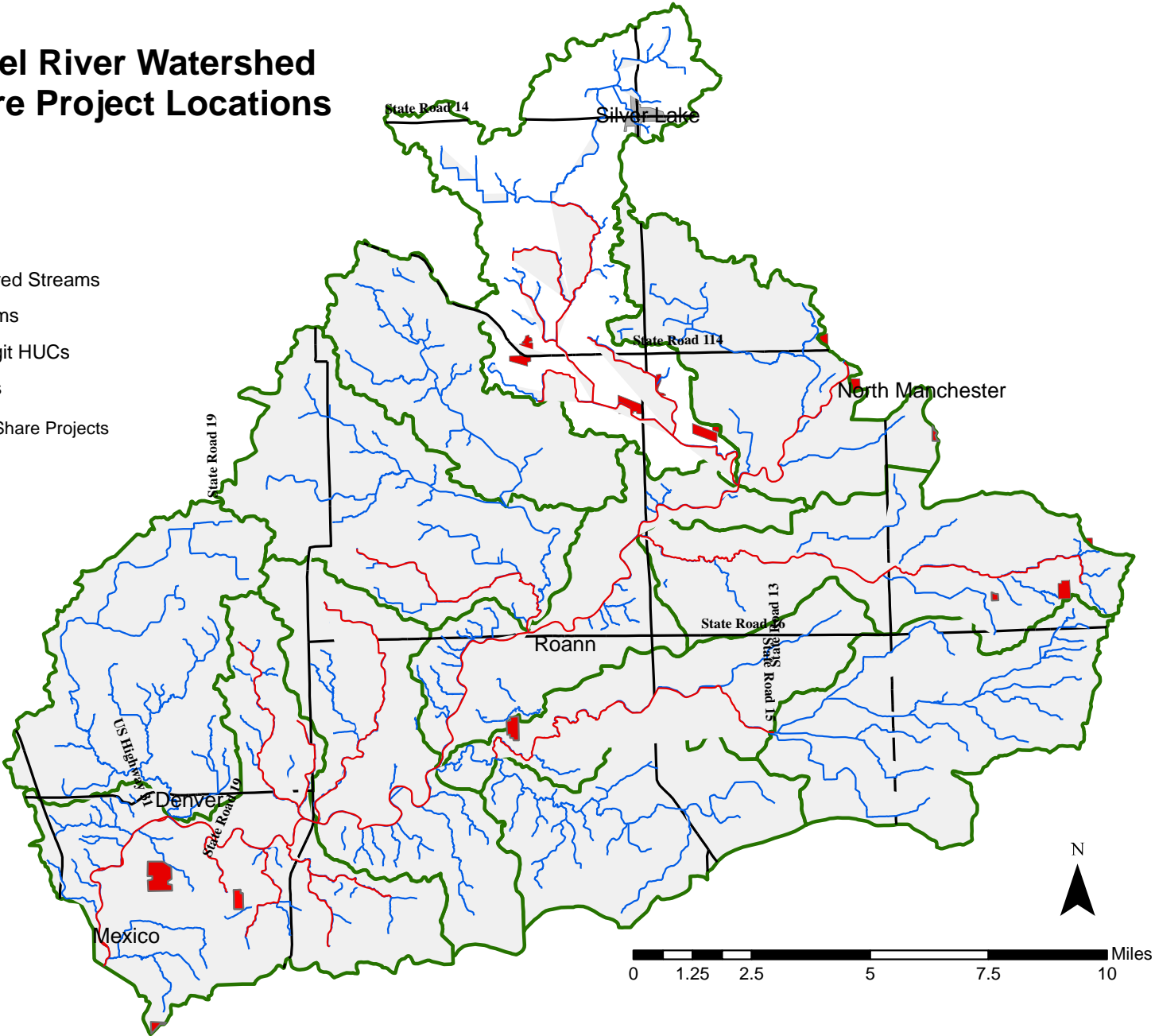
- **20 Projects**
  - **Cover Crops**
    - 2,993 Acres
  - **No-Till**
    - 1,779 Acres
  - **Nutrient Management**
    - 708 Acres
  - **Pasture & Hay Planting**
    - 157 Acres
  
- **5,760 Acres**
  - 3.5% of the watershed



# Middle Eel River Watershed Cost-Share Project Locations

## Legend

- Impaired Streams
- Streams
- 12 Digit HUCs
- Towns
- Cost-Share Projects



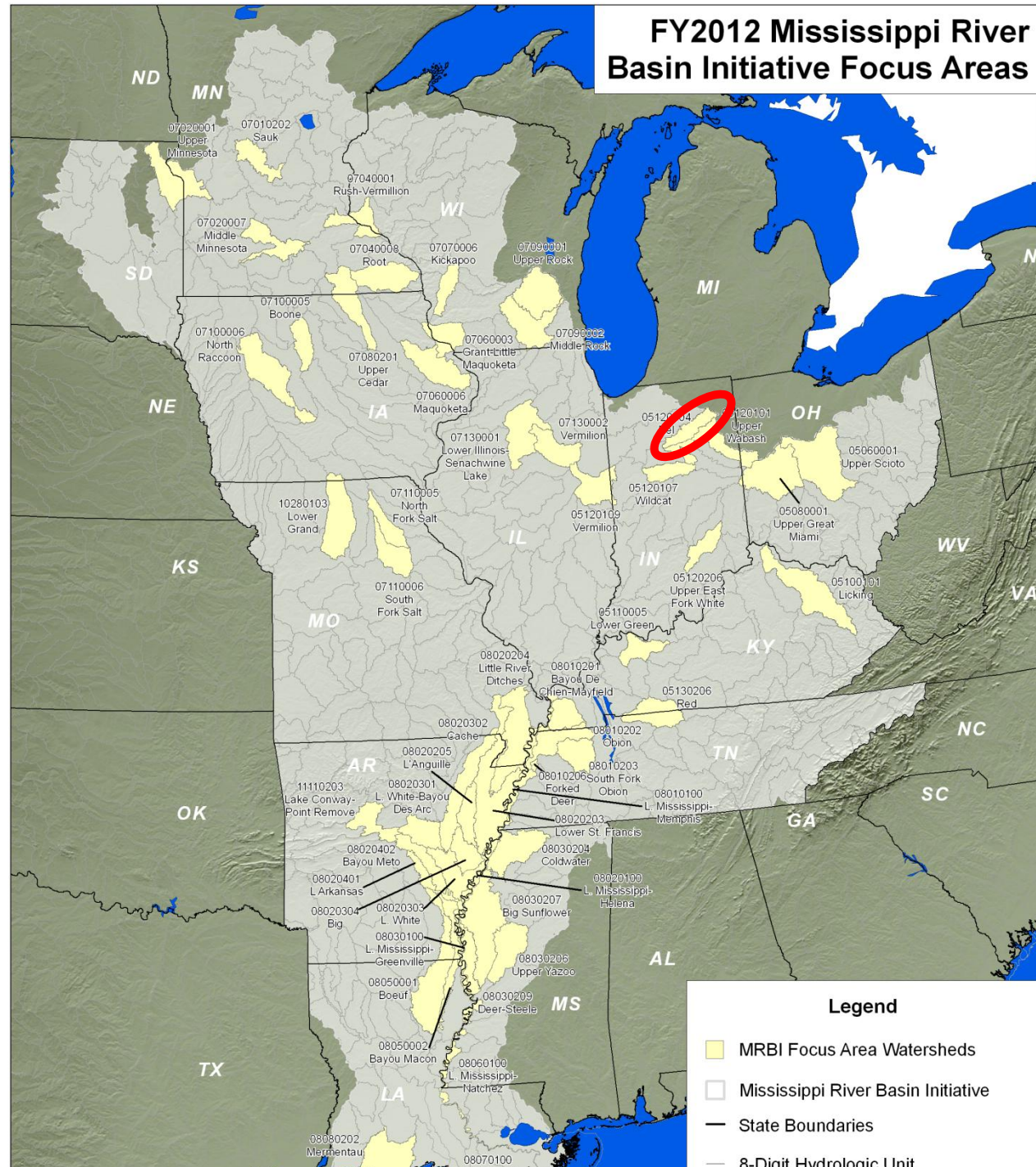
# Cost-Share Program

THANK  
YOU!



ONE  
THING  
LEADS  
TO  
ANOTHER  
EVERYTHING  
S  
CONNECTED

# FY2012 Mississippi River Basin Initiative Focus Areas





## Legend

- MRBI Focus Area Watersheds
- Mississippi River Basin Initiative
- State Boundaries
- 8-Digit Hydrologic Unit







# Middle Eel River Watershed - Paired Watershed Study

**Legend**

-  Streams
-  Highways






**Landsurvey\_County\_Poly\_IN**

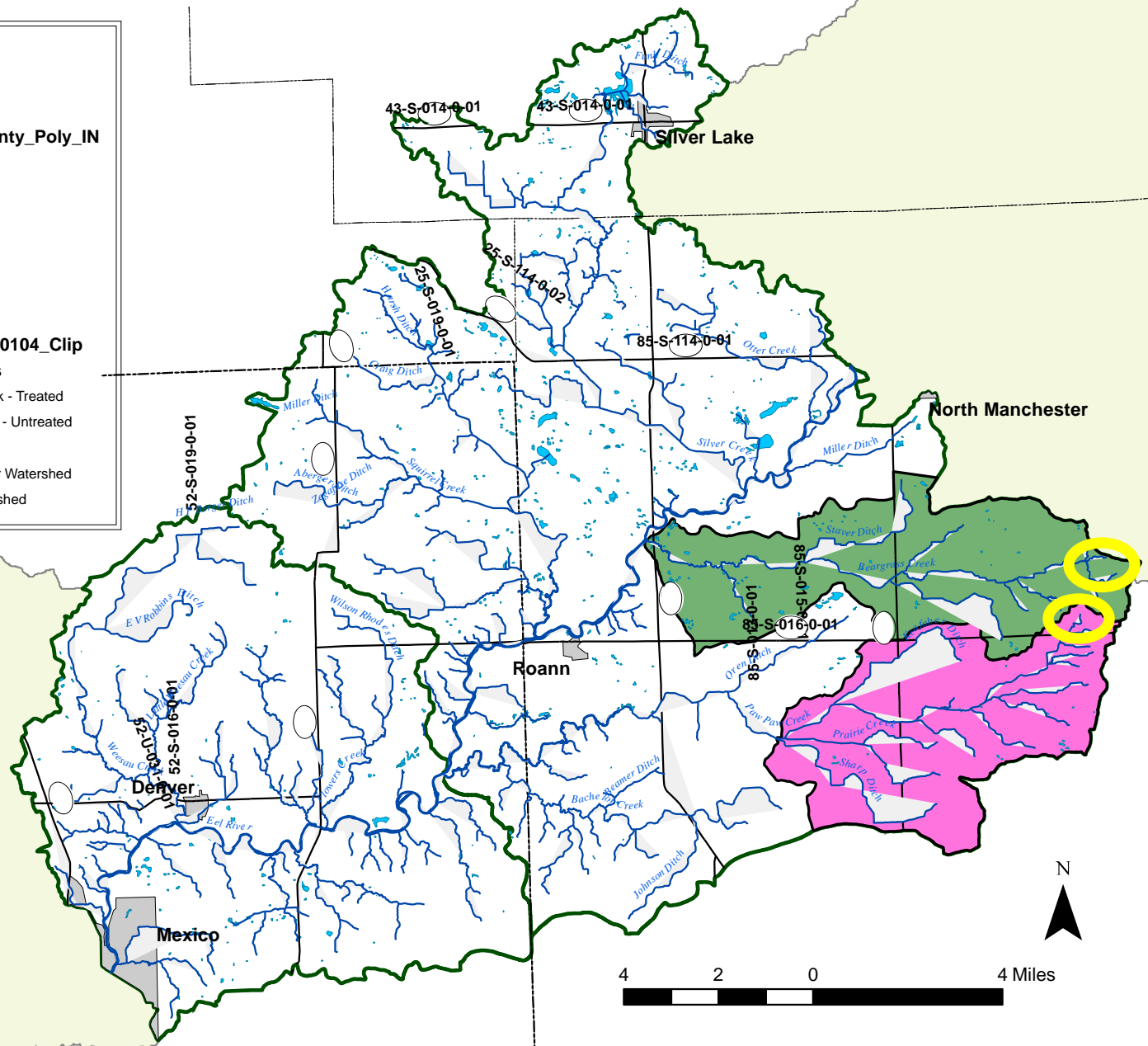
**Counties**

-  Fulton
-  Kosciusko
-  Miami
-  Wabash
-  Eel River
-  Lakes

**wbdhu12\_a\_05120104\_Clip**

**Paired Watersheds**

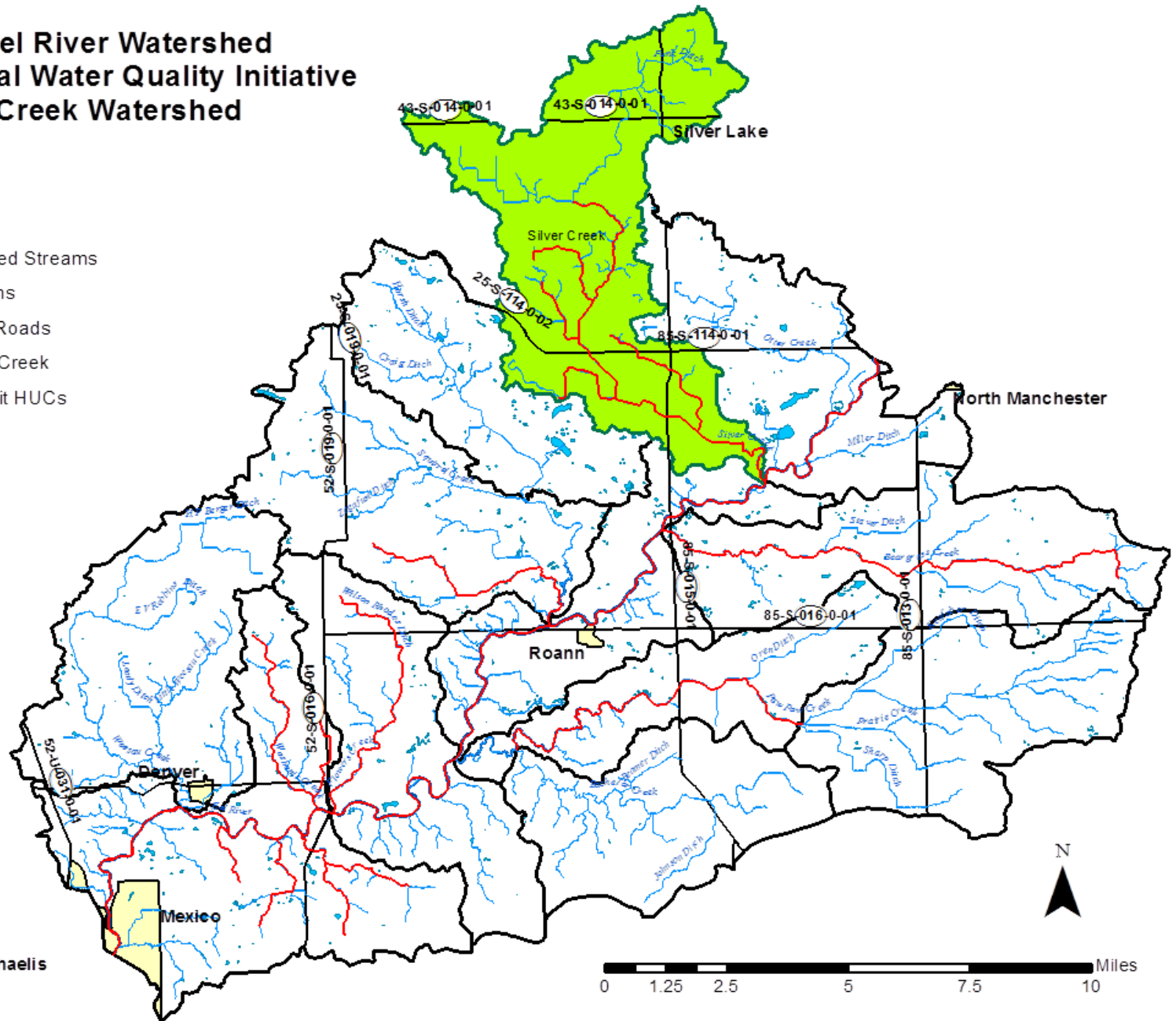
-  Beargrass Creek - Treated
-  Paw Paw Creek - Untreated
-  Towns
-  Middle Eel River Watershed
-  Eel River Watershed



# Middle Eel River Watershed NRCS - National Water Quality Initiative Silver Creek Watershed

## Legend

- Impaired Streams
- Streams
- State Roads
- Silver Creek
- 12 Digit HUCs
- Towns



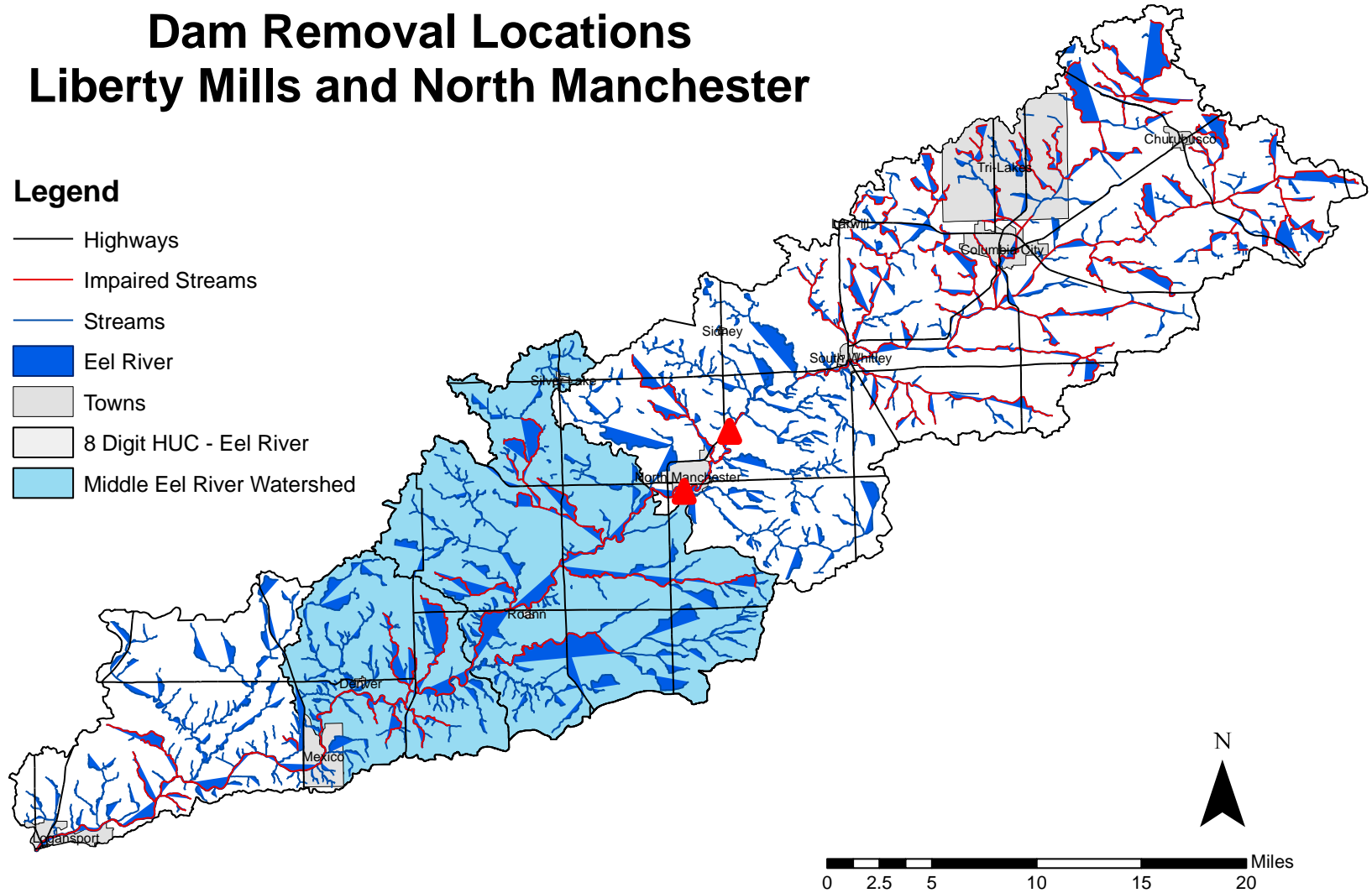
Mapped by: Terri Michaelis  
Date: 5/29/12

0 1.25 2.5 5 7.5 10 Miles

# Eel River Watershed Dam Removal Locations Liberty Mills and North Manchester

## Legend

- Highways
- Impaired Streams
- Streams
- Eel River
- Towns
- 8 Digit HUC - Eel River
- Middle Eel River Watershed



Mapped by: Terri Michaelis, Watershed Coordinator  
Date: June 4, 2012





# Look at the Diversity!

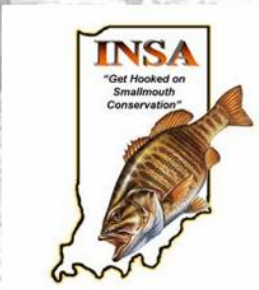
**WATERBORNE, INC.**  
Environmental and Clinical Parasitology Products

**Manchester College**

**DNR**  
INDIANA DEPARTMENT OF NATURAL RESOURCES

United States Department of Agriculture  
**NRCS**  
Natural Resources Conservation Service

**WABASH**  
COUNTY SOLID WASTE MANAGEMENT DISTRICT



**ACRES LANDTRUST**



**Manchester COMMUNITY SCHOOLS**  
*A tradition of excellence.*

**North Manchester Center for History**

THE STOCKDALE MILL



**INDIANA**  
STATE DEPARTMENT OF AGRICULTURE

Miller's Canoe Rentals

**County Highway Departments**

**Last but certainly  
not least!**

**It all began with  
a Section 319  
Grant from  
IDEM!**



# Our Resource, Our Responsibility



# Water Quality Monitoring

