



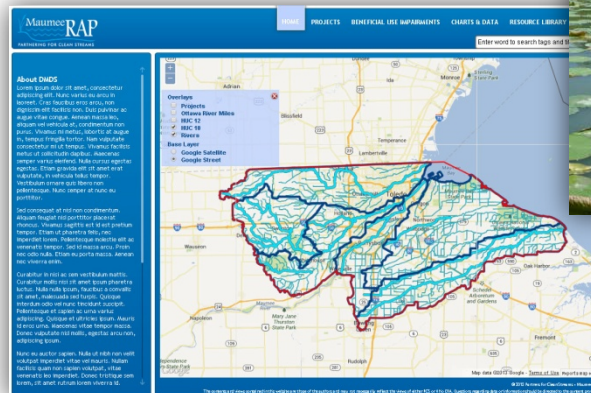
# Ohio EPA Maumee RAP Coordinator's Report

Maumee AOC  
Fall/Winter Summit  
December 5, 2013

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# Ohio EPA Maumee RAP Coordinator's Report

- Ohio EPA Activities & Projects
  - Ohio's Restoration Targets
  - Bullhead sampling
  - GLLA sampling
  - Silver /Shantee/Halfway
  - TMDL studies
- Maumee DMDS



# Ohio EPA

## Activities and Projects

### Ohio's Delisting Guidance and Restoration Targets

- Ohio EPA has been working to update targets since 2011
- Update was needed to make Ohio's targets more measurable as well as current with Ohio standards
- Currently, completing internal agency review
- Then, Ohio EPA will host a webinar for local RAP leaders and welcome questions on the targets
- Expect to release final targets in early 2014

# Ohio EPA

## Activities and Projects

### Ohio EPA BUI #4 Evaluation Project

- Sampling completed in June
- Expect liver analytical data late winter/early spring

### US EPA GLLA Sediment Site Characterization

- Maumee River – Phase 2
  - Sampling completed in June
    - US EPA Mudpuppy sampled River
    - Ohio EPA staff sampled Cullen Park embayment
  - Expect results this winter, Report late spring/summer
- Swan Creek – Part 2
  - Site expanded due to findings of first study
  - Conducted site recon of expanded area in August
  - Sampling is anticipated in Summer 2014

# Ohio EPA

## Activities and Projects

### US EPA Halfway, Silver, & Shantee Creeks Analysis

- Ottawa River Assessment noted contaminated sediment issues in Silver, Shantee and Halfway Creeks
- US EPA Division of Water had money for toxic pollution (priority pollutants, pesticides) evaluation
- 5 of 5 consultants bid on job; Expect to start in early 2014
- Project Objectives:
  - Investigate possible ongoing sources of contamination and locations of historical contamination;
  - Delineate critical areas to be remediated; and
  - Research and then report on options to address the known toxics and critical areas, using local input and expertise
- Maumee RAP will be able to use results to determine possible projects for BU restoration

# Ohio EPA

## Activities and Projects

### Maumee River (mainstem only) TMDL

- Expect TSD by mid-2014
- TMDL underway using contractor provided by U.S. EPA
- TMDL expected to address:
  - minor aquatic life use impairment (nutrients)
  - public drinking water supply use impairment (nitrates)

### TenMile Creek/Ottawa River TMDL

- Expect TSD by mid-2014
- TMDL underway
- TMDL expected to address nutrients, sediment, bacteria

# Maumee AOC

## Data Management and Delisting System

- The Maumee DMDS is envisioned to be a comprehensive, interactive, mapping, searchable, web-based tool that will provide community-wide support for one-stop-shop watershed planning for all the Maumee AOC watersheds.
- The DMDS web site was envisioned to have three modules, now has four:
  - Resource Library (library of reports, analytical data, maps, downloadable information, etc.)
  - Assessment & Mapping (map/chart/graph information via comparisons/cumulative/illustrative) – SPLIT INTO TWO MODULES
    - Charts & Data
    - Beneficial Use Impairments (status tracking of BUIs, targets, etc.)
  - Projects (information on projects, funding, locations, etc.)

# Maumee AOC

## Data Management and Delisting System

So far . . .

- **February:** PCS awarded grant to develop system
- **April-May:** RFP, proposals, interviews, contractor selection
- **Late June:** Project kickoff
- **July:** Design development
- **August:** Framework development
- **Sept.-Oct.:** Home and Projects modules design
- **Nov.-Jan.:** Charts & Data and Library modules design



# Maumee AOC Data Management and Delisting System

Over the next few months . . .

- **Projects Module:**

- Populate system with existing information such as:
  - Stage 2 Report (2006)
  - TNC Habitat Database (2013)
- Update/complete existing project information
- Add new Project information

- **Resource Library Module:**

- Design and develop module
- Gather reports, fact sheets, GIS files, static maps, etc.
  - This information will also be populated with any uploaded information from the Projects

# Maumee AOC Data Management and Delisting System

Over the next few months . . .

- ◉ **Charts and Data Module:**

- Design and develop module
- Determine which analytical data sets will be dynamic & which static

- ◉ **BUI Module:**

- Design and develop module to determine status of each BUI by assessment unit (creation of status entry forms, formulas, extraction of analytical data)
- Add final BUI Targets and Rationale

- ◉ **Overall Administration:**

- Design and develop Administrative functions
  - Register users creation, login procedures, vetting of information protocol, endorsement of projects process

# DMDS - Home Page

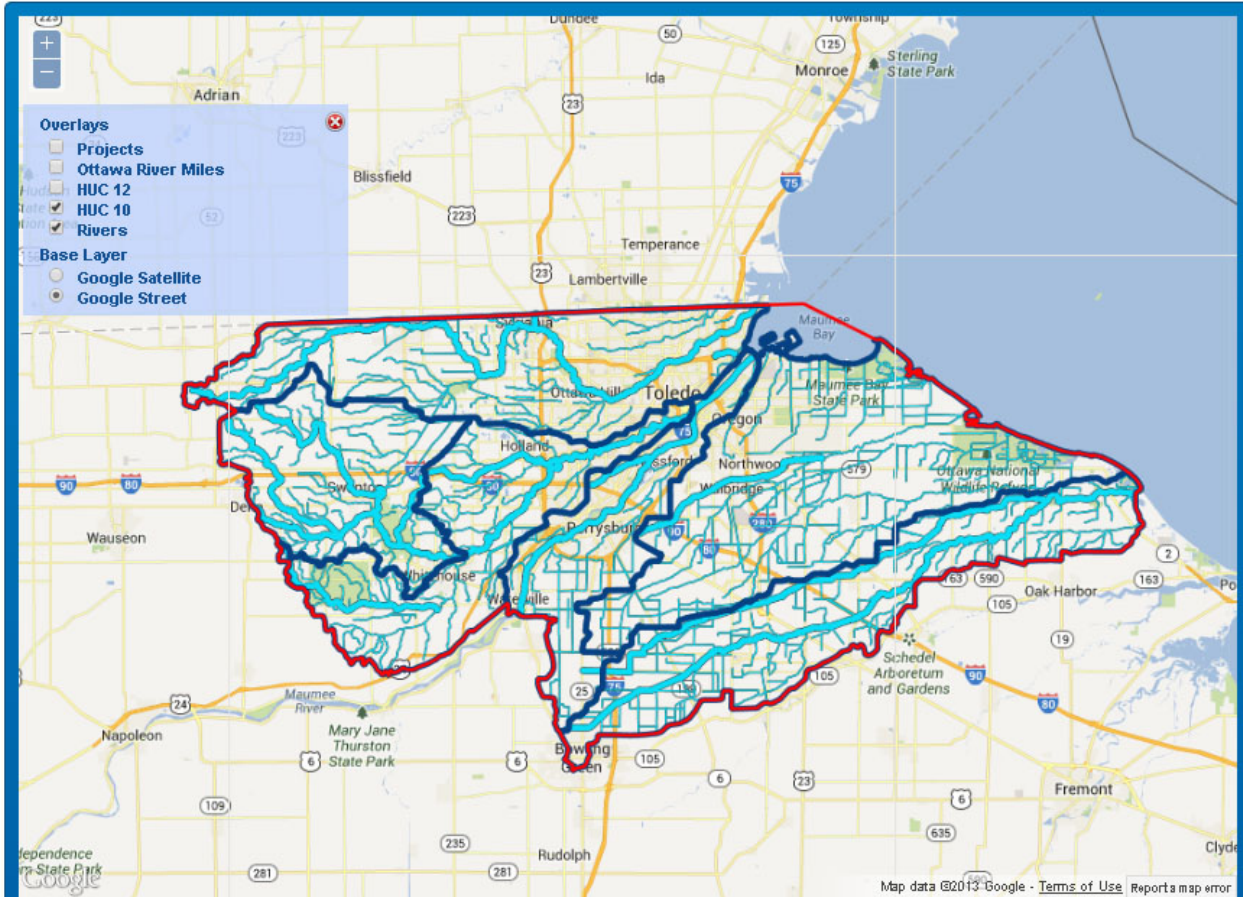
## About DMDS

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# DMDS - Home Page

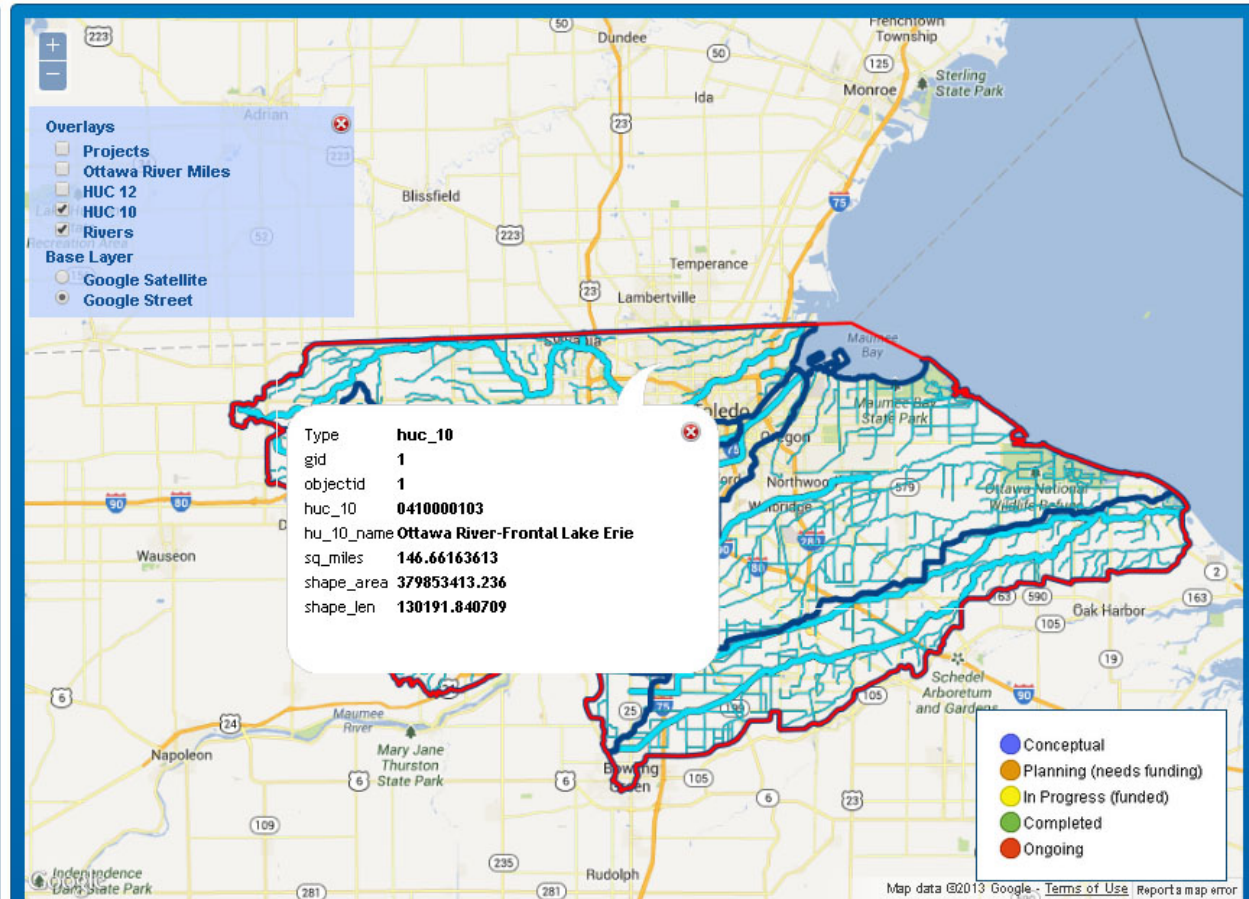
## About DMDS

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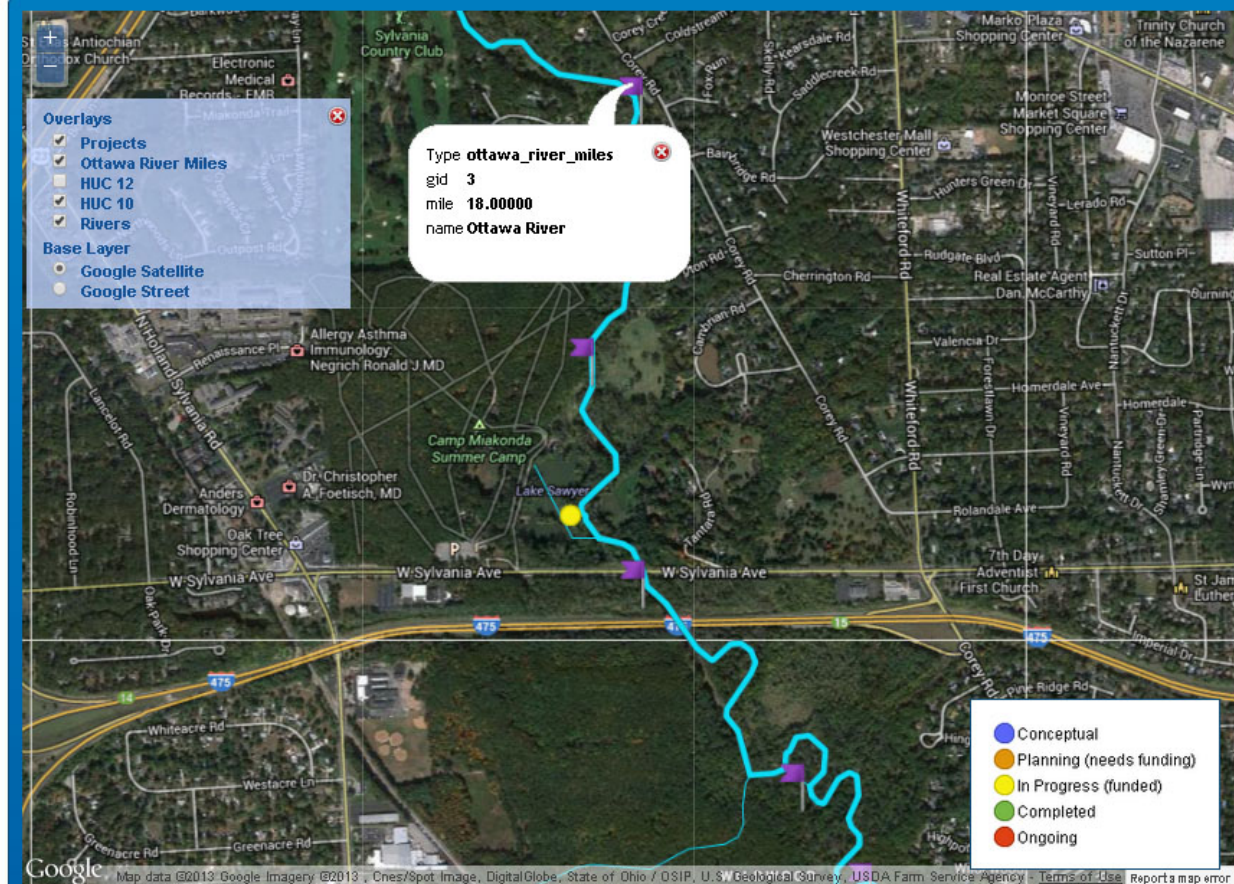
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# DMDS – Projects Page

## Filters

[Clear All](#)

HUC 10	Not Applied
HUC 12	Not Applied
Type of Project	Not Applied
Status of Project	Not Applied
BUI Addressed	Not Applied
Date Range	Not Applied

 Filter by Tags

[Add Project](#)

### Test Project 1



I love cheese, especially queso caerphilly. Cream cheese the big cheese rubber cheese cauliflower cheese port-salut cheese and biscuits cream cheese gouda. Cheesecake cow cream cheese the big cheese rubber cheese paneer goat cheese slices.

DRQ River

### Test Project 2



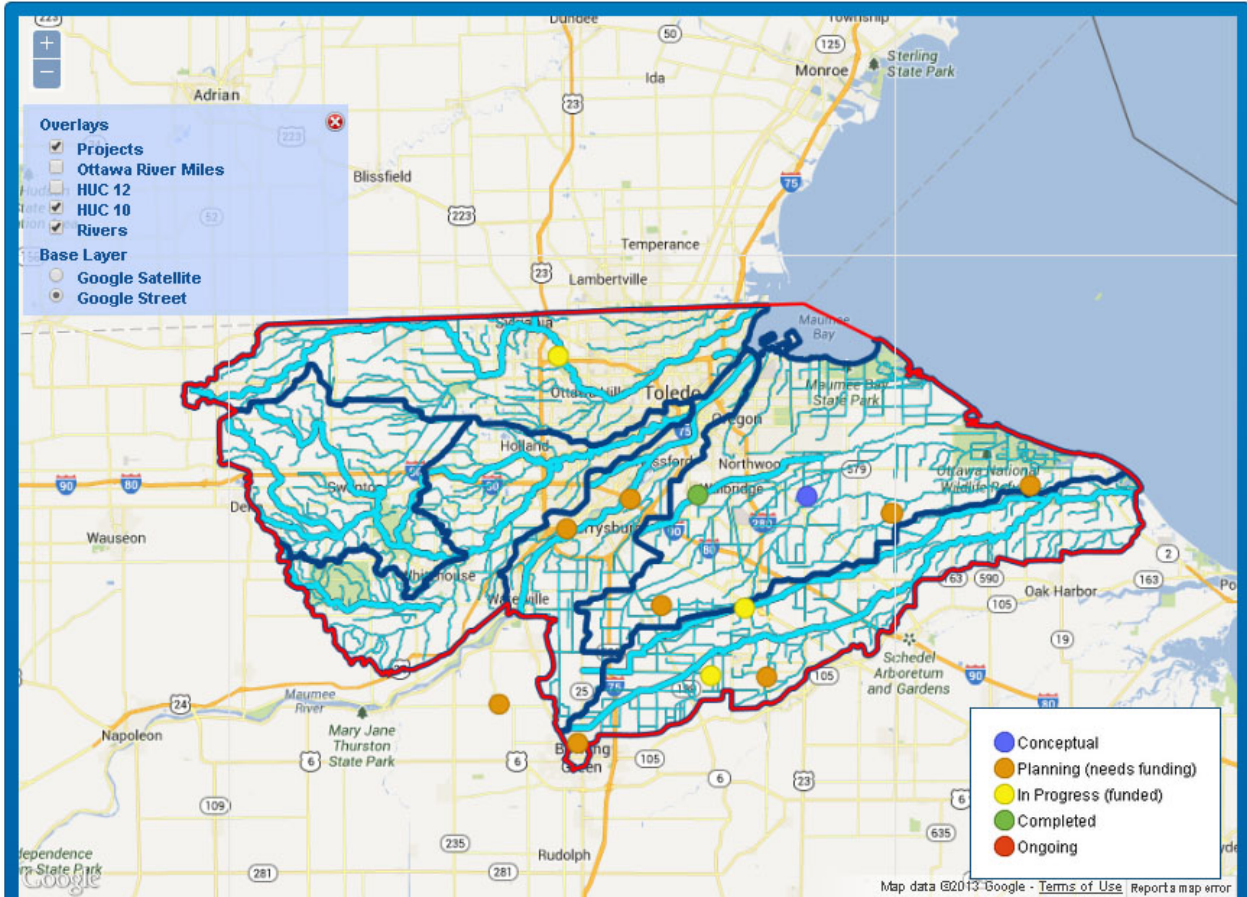
Bacon ipsum dolor sit amet prosciutto ham hock t-bone cow. Turkey bresaola pig frankfurter, ball tip kielbasa ribeye beef. Tenderloin swine capicola hamburger pork loin shankle. Corned beef ham hock brisket short loin pastrami spare ribs salami turke

Wetland riverbed

### Test Project 3



Ragdoll ragdoll or american shorthair scottish fold. American shorthair savannah panther. Devonshire rex. Puma himalayan bengal sphynx cheetah. Donskoy cornish rex.



# DMDS – Projects Page

## Filters

[Clear All](#)

### HUC 10

1 selected

- ☒ Cedar Creek-Frontal Lake Erie (0410001007)
- ☐ Grassy Creek-Maumee River (0410000909)
- ☐ Lower Swan Creek (0410000908)
- ☐ Ottawa River-Frontal Lake Erie (0410000103)
- ☐ Toussaint Creek (0410001006)
- ☐ Upper Swan Creek (0410000907)

### HUC 12

Not Applied

### Type of Project

Not Applied

### Status of Project

Not Applied

### BUI Addressed

Not Applied

### Date Range

Not Applied

Filter by Tags

Add Project

131 selected

### Test Project 1



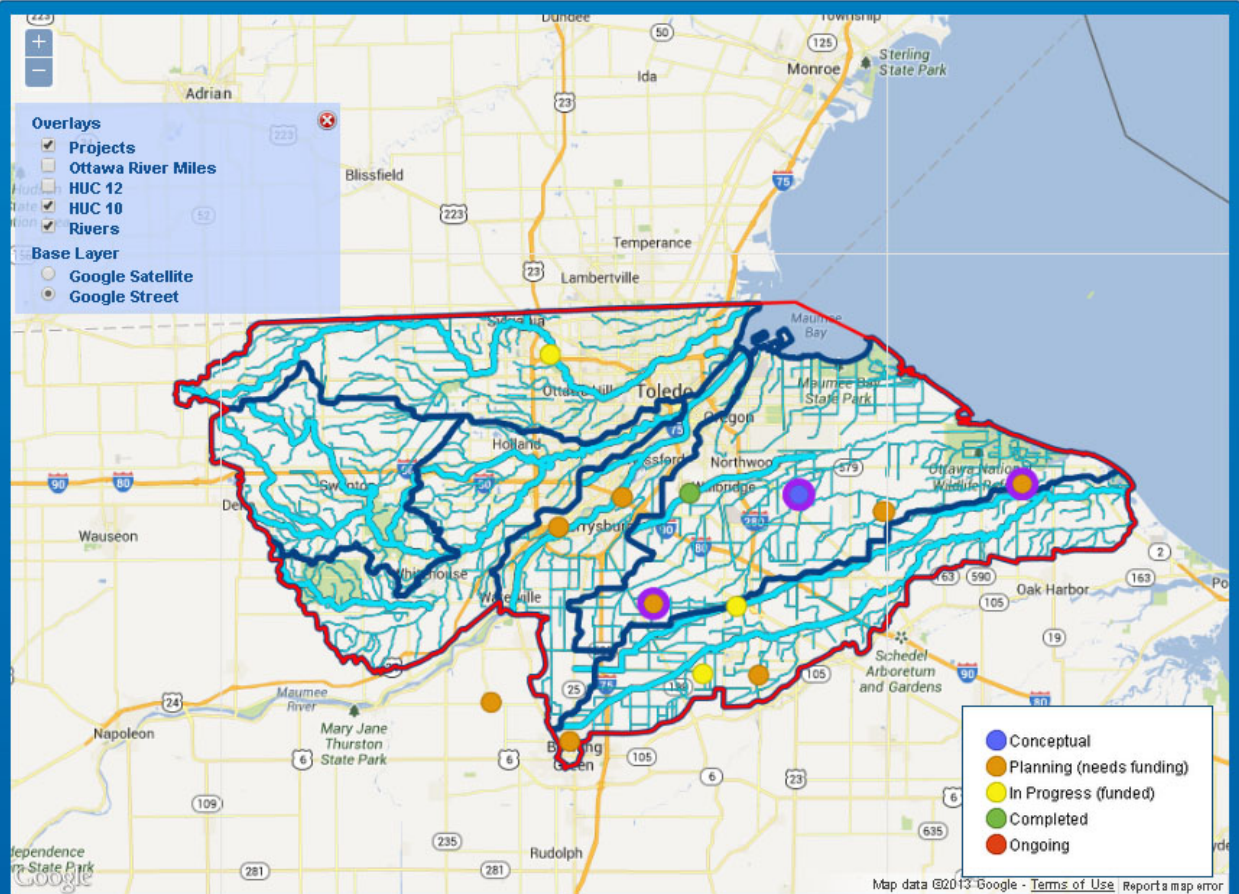
I love cheese, especially queso caerphilly. Cream cheese the big cheese rubber cheese cauliflower cheese port-salut cheese and biscuits cream cheese gouda. Cheesecake cow cream cheese the big cheese rubber cheese paneer goat cheese slices.

DRG River

### Test Project 4



Aged, redeye aftertaste macchiato to go turkish brewed carajillo. Froth ristretto, sugar, organic robusta in black roast. Irish as organic extraction kopi-luwak, roast siphon, wings cup caffeine viennese variety. Extraction, breve filter mug, cream f





# DMDS – Projects Page

## Filters

[Clear All](#)

HUC 10	Not Applied
HUC 12	Not Applied
Type of Project	Not Applied
Status of Project	Not Applied
BUI Addressed	Not Applied
Date Range	Not Applied

 Filter by Tags

### Restoring Ottawa River Wetlands and In-stream Habitat at Camp Miakonda



The Camp Miakonda Project is located at Camp Miakonda, along the Ottawa River mile markers 7.0-7.5. Goals were to reduce erosion concerns, restore wetland habitat, create new in-stream habitat, and address invasive species like reed canary grass.

River Wetland riverbed keeper Lake

### Test Project 53

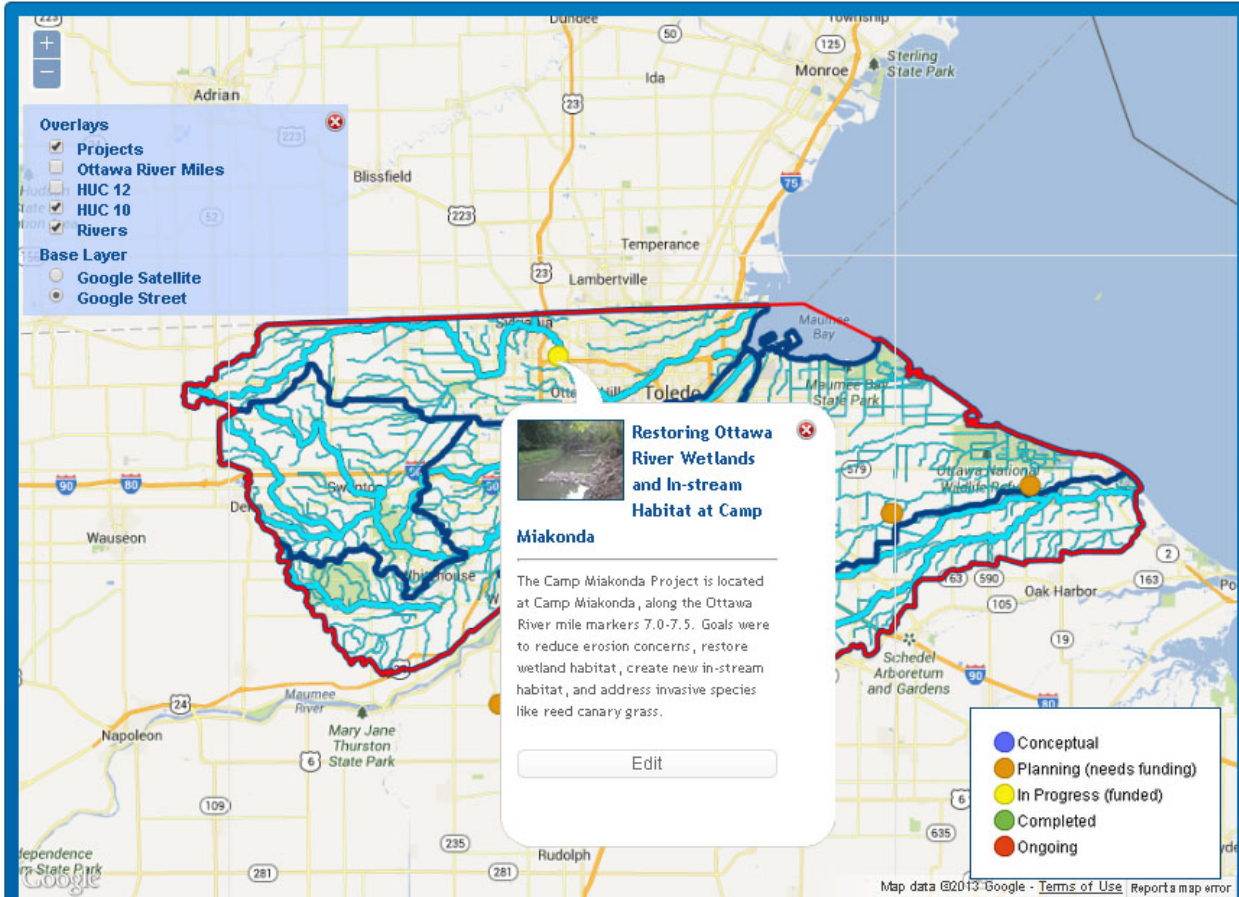


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### Test Project 53



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# DMDS – Project Info Page

## Filters

Clear All

HUC 10	Not Applied
HUC 12	Not Applied
Type of Project	Not Applied
Status of Project	Not Applied
BUI Addressed	Not Applied
Date Range	Not Applied

Filter by Tags

Add Project

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River Wetland riverbed keeper Lake

### Test Project 53



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### Test Project 53



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## Restoring Ottawa River Wetlands and In-stream Habitat at Camp Miakonda

Edit

### Description

Partners for Clean Streams (PCS), the Maumee RAP's non-profit, was awarded a \$1.36 million Great Lakes Restoration Initiative (GLRI) grant to restore stream habitat, reduce erosion, enhance wetlands, and improve upland habitat along the upper Ottawa River. After years of planning and preparation, including surveying, modeling, and design in cooperation with the US Army Corps of Engineers, the Request for Proposals was released in July 2012 the project was constructed in the fall of 2012.

#### HUC 10

▶ Ottawa River-Frontal Lake Erie (0410000103)

#### HUC 12

▶ Heldman Ditch-Ottawa River (041000010307)

#### Goals

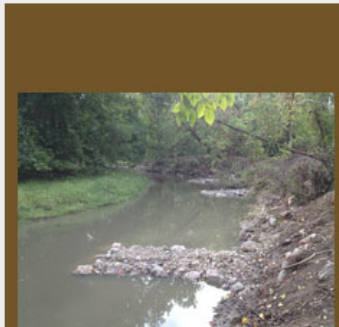
- ▶ Address erosion occurring along 1200 linear feet of bank along the Ottawa River.
- ▶ Restore at most 10 acres of wetlands.

#### BUIs Addressed

- ▶ 3: Degradation on fish and wildlife populations
- ▶ 6: Degradation of benthos
- ▶ 14: Loss of fish and wildlife habitat

#### Start Date

01-01-2011



### Type of Project

- ▶ Construction
- ▶ Education
- ▶ Outreach
- ▶ Stream/Riparian
- ▶ Upland/Terrestrial
- ▶ Invasive Species

### HUC 10/Watershed

- ▶ Ottawa River-Frontal Lake Erie (0410000103)

# DMDS – Project Entry Form

## Filters

Clear All

HUC 10	Not Applied
HUC 12	Not Applied
Type of Project	Not Applied
Status of Project	Not Applied
BUI Addressed	Not Applied
Date Range	Not Applied

Filter by Tags

Add Project

### Restoring Ottawa River Wetlands and In-stream Habitat at Camp Miakonda



The Camp Miakonda Project is located at Camp Miakonda, along the Ottawa River mile markers 7.0-7.5. Goals were to reduce erosion concerns, restore wetland habitat, create new in-stream habitat, and address invasive species like reed canary grass.

River Wetland riverbed keeper Lake

### Test Project 53



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### Test Project 53



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## Edit Project

Select a date from the popup calendar.

01-01-2011

Select a date from the popup calendar.

12-31-2013

### Location

#### HUC 10 \*

Please double click which HUC 10 your project is associated with to add it to the list. Select all that apply.

Cedar Creek-Frontal Lake Erie (0410  
Grassy Creek-Maumee River (04100  
Lower Swan Creek (0410000908)  
Ottawa River-Frontal Lake Erie (0410  
Toussaint Creek (0410001006)  
Upper Swan Creek (0410000907)

#### Selected HUCs

These are the HUCs you selected. Click the "X" to remove any.

Whole ADC

Auto-Select

Ottawa River-Frontal Lake Erie X

Heldman Ditch-Ottawa River X

#### HUC 12

Please double click which HUC 12 your project is associated with to add it to the list. Select all that apply.

Ai Creek (041000090701)  
Berger Ditch (041000100705)  
Cedar Creek-Frontal Lake Erie (0410  
Crane Creek-Frontal Lake Erie (0410  
Crooked Creek-Maumee River (0410  
Delaware Creek-Maumee River (041  
Detwiler Ditch-Frontal Lake Erie (041  
Fewless Creek-Swan Creek (041000  
Gale Run-Swan Creek (0410000907  
Grassy Creek (041000090902)  
Grassy Creek Diversion (041000090

### Location Address

Please provide your project's physical address or as much as possible. If there isn't an address, please use Google Maps to get the closest address.

Street 5600 W Sylvania Ave Toledo

City Toledo

County Lucas

Zip Code 43623

### Description

If your project doesn't have an actual address, please provide a brief description on how to get to the site. I.E.: End of street on right side

Various locations around camp. Hartman and  
Cunningham Ditches, Lake Sawyer, surrounding

# Maumee AOC Data Management and Delisting System

## What you can do . . .

### ○ NOW:

- Create Registered User account (user name, password, hint)
- Some portions of the registration are still in development, but please go ahead and create a user log in
- Most of the site is currently locked and not available
- We will be assigning “owners” to already entered projects
- A User Account is necessary to enter or edit information in the DMDS but not to visit and use the site


### ○ IN JANUARY:

- The Projects Module will be unlocked
- Log in with already created username and password
- Edit information for already entered projects you “own”
- Add and edit your “new” projects





# DMDS – Registration



PARTNERING FOR CLEAN STREAMS

[HOME](#)
[PROJECTS](#)
[BENEFICIAL USE IMPAIRMENTS](#)
[CHARTS & DATA](#)
[RESOURCE LIBRARY](#)
[LOGIN](#)

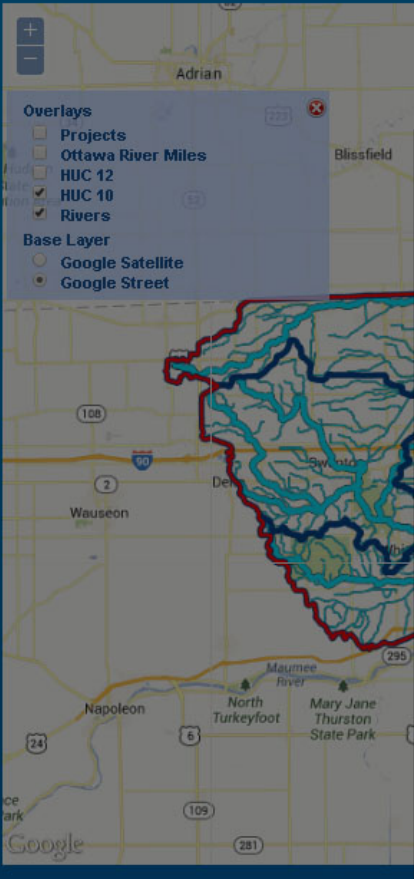
### About DMDS

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**Overlays**

- ☐ Projects
- ☐ Ottawa River Miles
- ☐ HUC 12
- ☒ HUC 10
- ☒ Rivers

**Base Layer**

- ☐ Google Satellite
- ☒ Google Street

### Register

Register for an account on the DMDS  
All fields are required

Username:

Password:

Confirm Password:

Security Question:

Answer:

Organization:

Same Address as Organization: ☐

First Name:

Last Name:

Title:

Mailing Address:

City:

State:

Zip:

Phone:

Email:

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# Maumee AOC Data Management and Delisting System

## Things to REMEMBER . . .

- What should be added to DMDS
  - Any project that might be needed to restore our area's ecosystem
  - Current project emphasis is focused on BUIs removal
  - **IMPORTANT** - Anything uploaded to the DMDS is available for public review. Confidential or otherwise non-public information should not be uploaded.
- URL for the DMDS site:

<http://pcs.eyesonthewater.org/>

# Maumee AOC

## Data Management and Delisting System

### Need support for the DMDS . . .

- **Re-establishment of Maumee RAP Advisory Committee**
  - Created to:
    - Guide what is needed and where it should be done based on the outputs from the DMDS tool
    - Vet information submitted into the DMDS
    - Provide endorsement of projects that are priority projects for the Maumee AOC
  - Project Advisory Team (PAT)
  - Science Advisory Team (SAT)
  - Introductory Informational meeting week of Dec. 16
  - If interested in serving contact Cherie or Patrick



# Questions?

**Cherie Blair**

Maumee RAP Coordinator  
Ohio EPA – Northwest District Office

419-373-3010

[Cherie.Blair@epa.ohio.gov](mailto:Cherie.Blair@epa.ohio.gov)