

Wetlands and Farming

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Resources



How to Identify a Wetland



The presence of water at or near the ground surface for a portion of the year.



The presence of plants adapted to living in wet conditions.



The presence of hydric soils, which develop under wet conditions.

Resources for Identifying Wetlands:

DNR internet pages

<http://dnr.wi.gov/topic/wetlands/>

- Waking Up to Wetlands Video & Brochure
- Wetland Clues Checklist
- Mapping Resources



Surface Water Data Viewer

The screenshot displays the 'Surface Water Data Viewer' application. The interface includes a search bar at the top right, a menu bar with options like 'Basic Tools', 'Identify Tools', and 'Drawing Tools', and a toolbar with various navigation and analysis tools. A sidebar on the left titled 'About Wetlands & Wetland Indicators' provides instructions on how to use the map layers. The main map area shows a detailed view of a wetland area with various colored overlays and alphanumeric codes. Two red arrows point from the legend text to specific areas on the map.

About Wetlands & Wetland Indicators

This theme contains the two map layers listed below and is designed to help users determine if wetlands are likely present at their site. To learn more information about each layer click on the title. To determine if on-line wetland inventory maps are available for the county you are viewing, please click on the WI map below before getting started.

[Wisconsin Wetland Inventory](#)
[Wisconsin Wetland Inventory Map](#)

Wetland Indicators

Use the layers above to determine the likelihood of wetlands being present within your area of interest.

How to best use these layers:

With the **Find Location** tool, search by either Township, Range, Section, or Civil Town to bring your area of interest into view. Use the **Zoom In**, **Zoom Out**, and **Pan** tools to narrow your focus right on the property. Click on **Identify** tool, then click on either a **yellow** area to find out what kind of wetland is there, or a **pink** area to find out what kind of soil type is there. Print maps to save for later reference.

Visit [DNR Wetland Regulatory Programs](#) for more information about wetland permits, and locating wetlands for more information about finding wetlands on your land.

Orange – mapped wetlands

Pink – potential wetlands

Basic Tools Identify Tools Drawing Tools Measuring Tools Find Location Maps & Data Help

Home Show Layers Show Legend Pan Zoom In Zoom Out Previous Extent Full State Point Identify Scale: 1: 48,509 New Plot Clear All Clicked Coordinates Lat: 44.7513 Lon: -89.7632

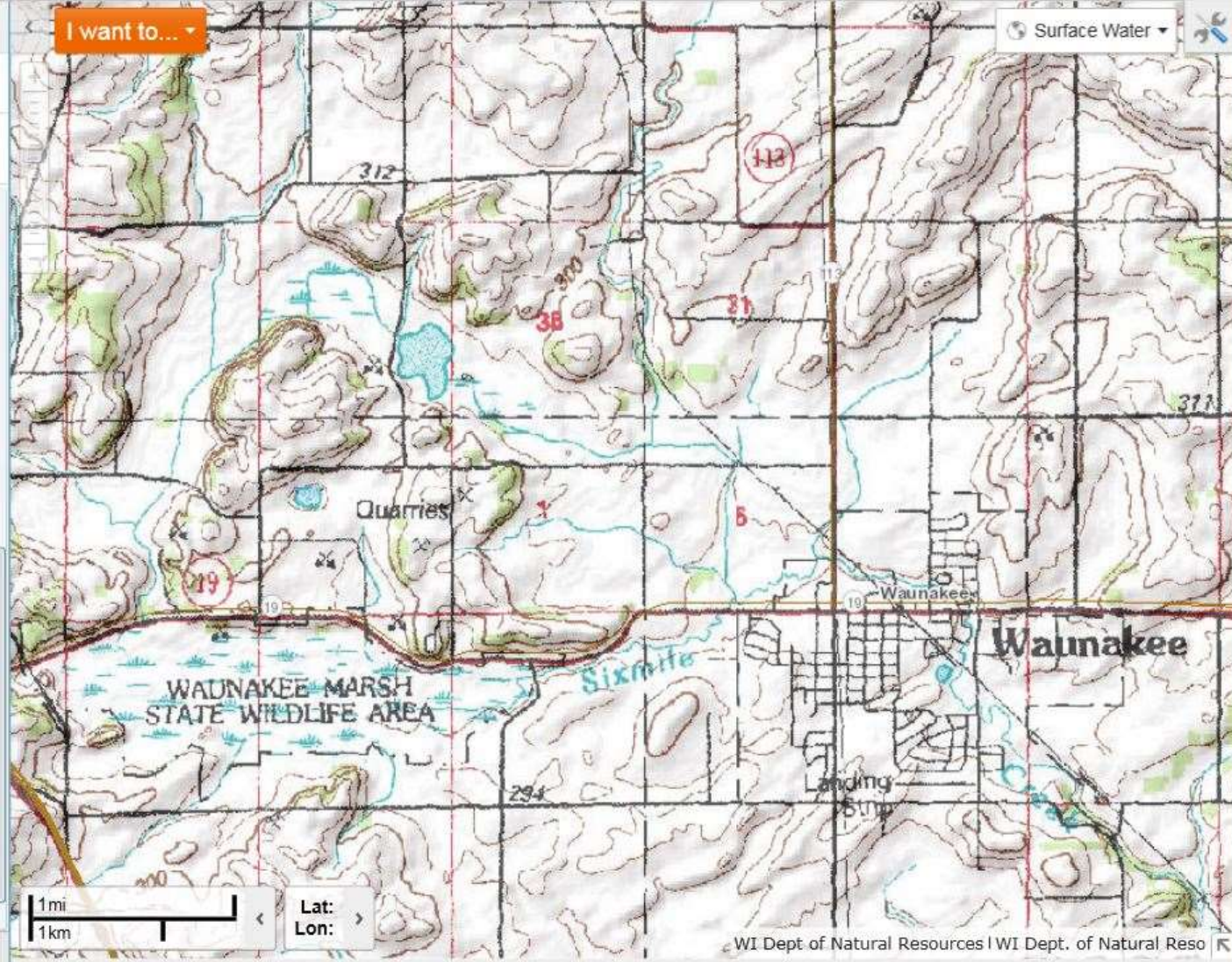
Home Map Layers Navigation Location Info Scale & Bookmarks Coordinate Tools

Map Layers

Layer Theme: Surface Water (default)

Show Legend Filter...

- Special Wetland Planning Waters
- Potentially Restorable Wetlands
- Wetland Restorations
- Fisheries Management
- Aquatic Invasive Species
- Water Resources
- Natural Community Modeling
- Federal Hydrologic Unit Codes (HUC)
- Land Descriptions & Cadastral
- Administrative & Political Boundaries
- Map Indexes (USGS Quads)
- Forest & Land Cover
- Base Maps
 - Cities, Roads, &...
 - Public Lands
 - Air Photos Leaf-off (2010...)
 - Air Photos (NAIP 2008)
 - Digital Topographic Maps



Why are wetlands regulated?

Functions/values:

- **Storm/flood water storage**
- **Groundwater discharge/recharge**
- **Filtration or storage of sediments, nutrients, etc.**
- **Shoreline protection against erosion**
- **Habitat for aquatic organisms and wildlife species**
- **Recreational, cultural, educational, scientific and natural scenic beauty values and uses**

Wetland Permits

- Discharge of dredge or fill material
- US Army Corps of Engineers
 - Permits for “Federal” wetlands
- WDNR
 - Permits required for ALL wetlands
- Exemptions



DNR and USACE Exemptions that apply to Agriculture(don't need permit):

- Normal farming activities (plowing, seeding, harvesting, minor drainage of uplands)
 - Must be part of established operation
 - Can't change wetland to upland



DNR and USACE Exemptions that apply to Agriculture(don't need permit):

- Maintenance/repair of recently damaged parts of structures in use in a wetland



DNR and USACE Exemptions that apply to Agriculture(don't need permit):

- Maintenance (NOT construction) of drainage ditches



DNR and USACE Exemptions that apply to Agriculture(don't need permit):

– Construction of farm roads

Must follow BMPs to be exempt:

- Avoidance
- Minimization
- Flow and circulation of wetland not reduced
- ONLY for Ag use



DNR and USACE Exemptions that apply to Agriculture(don't need permit):

- Construction of farm or stock ponds or irrigation ditches



Examples for Discussion:

- Wetlands and tiling
- Mechanized land clearing
- Manure and wetlands
- Others??



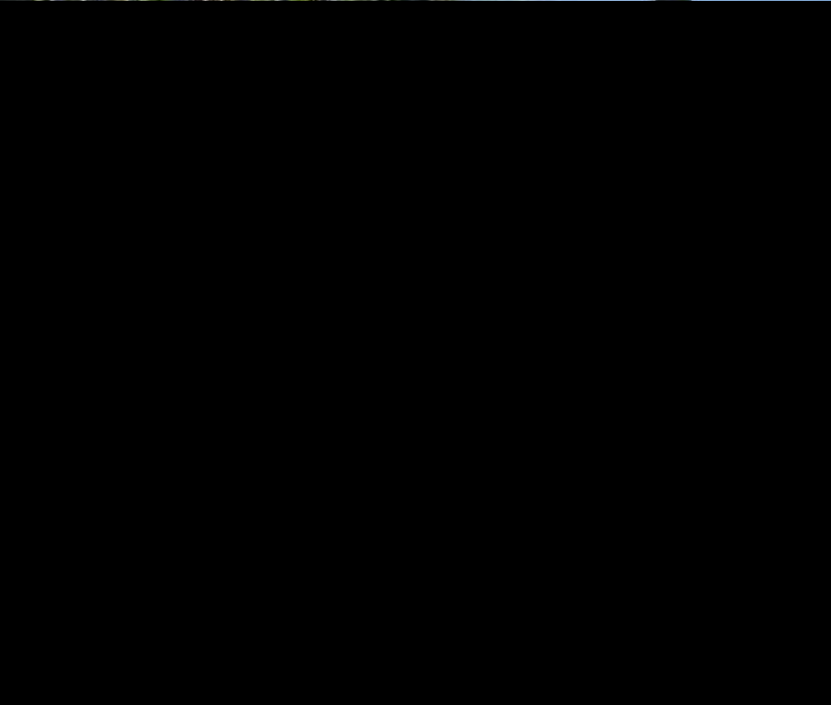
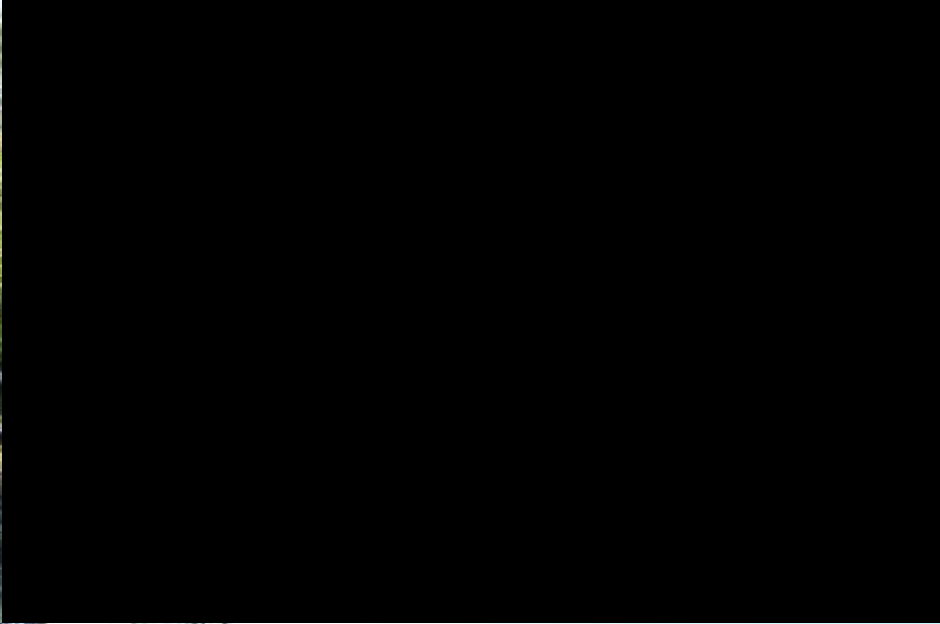








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