

FACT SHEET

DRINKING WATER AND ENVIRONMENTAL HEALTH DIVISION – ENVIRONMENTAL ASSISTANCE CENTER 800-662-9278

WATER WELL VIEWER

The Water Well Viewer (WWV) <https://www.mcgi.state.mi.us/waterwellviewer/> is an easy to use Geographical Information System (GIS) application that allows users to view water wells (from Wellogic) on a map. The WWV allows users to retrieve a well record or a series of records by clicking on an individual well or selecting a group of wells. Roads, bodies of water, aerial photos, wellhead protection areas, and sites of environmental contamination are some of the other useful features that can be viewed along with the water wells.

The data in WWV is updated daily. Users are encouraged to contact the WWV staff when inaccurate data, such as water well locations, are encountered.

Navigation

There are 4 ways to navigate.

1. Search
2. Tools
3. Mapping Layers
4. Identify Features on Map

To move the map, click on it with the mouse and drag it to the desired location.



Search

There are 3 ways to search.

1. Place:
Enter a search term for a place, such as an address, city, zip, county, or township.
Click Search, and WWV will zoom to the location.
2. County:
You must select a county. The remaining 3 picklists are optional.
The map will automatically zoom to the location.
3. Lat/Long:
Enter a latitude and longitude.
Click Search, and WWV will zoom to that location.



Tools

There are 4 tools. *Note: Step by step instructions for each tool are found within WWV.*

1. Select Multiple Wells:
This allows the user to select a group of wells using their mouse.
2. Select Wells by Section:
This allows the user to select wells by county, city/village/township, town/range, and section.
3. Measure Distance:
This allows the user to measure a distance using their mouse.
4. Get Lat/Long and Elevation:
This allows the user to click on the map and get the lat/long and elevation.



Mapping Layers

There are 2 main mapping layers.

1. Base Map Layer
The street map is the default map. The aerial map can be turned on and off.
2. Interactive Map Layers
This contains 4 mapping layers: Wells, Wellhead Protection Areas, Environmental Layers, and Public Land Survey.

Each of the 4 interactive mapping layers contains sublayers that can be turned on and off. There are two icons with each sublayer: 1. The information icon explains what is contained in that data set, and 2. The link icon directs the user to another website where additional data can be obtained.



Identify

This allows the user to click on the map to identify any of the items in the mapping layers. Be aware that if you have several layers open at once and click on the map, you may have several items identified at one time.

Contact

If you have any questions about using WWV or encounter inaccurate data, please click on the “Contact Help” link at the top of the webpage or send an email to Wellogic wellogic@michigan.gov.

For information or assistance on this publication, please contact the Drinking Water and Environmental Health Division, through EGLE's Environmental Assistance Center at 800-662-9278. This publication is available in alternative formats upon request.

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