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STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



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TO: Local Health Departments
Water Well Drilling Contractors
Pump Installers

FROM: Michael S. Gaber, Chief
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Groundwater Section
Water Division

SUBJECT: The Department of Environmental Quality's Water Well Viewer

The Department of Environmental Quality (DEQ), Water Division (WD), is pleased to announce that the Water Well Viewer (WWV) tool is now available for easy retrieval and viewing of water well records over the Internet. WWV replaces IMAP, which was taken offline earlier this year. WWV enables users to choose water well records by selecting well locations from a map.

WWV is expected to be an extremely useful tool for local health departments and water well drilling contractors. It was created for the DEQ by Michigan State University (MSU), Remote Sensing & GIS Research and Outreach Services. The website address for using the WWV is:

<http://wellviewer.rsgis.msu.edu/>

Which records are available through the Water Well Viewer?

The WWV shows the geographic location of water wells drilled January 1, 2000 and thereafter that have been entered into Wellogic (the Internet-based water well record completion program). There are also about 200,000 well records dated prior to 2000 that were migrated into Wellogic from Wellkey. Only those water well records in Wellogic with latitude/longitude coordinates can be retrieved using the WWV. Over 900,000 well records that are contained in the DEQ Scanned Well Record Database (pre-1965 to 1999) are accessible through a link with the WWV. Therefore, if you use the WWV, it is unnecessary to separately log onto the scanned well records website.

How does the Water Well Viewer work?

As the user zooms into an area of the state, the water wells appear as green dots on the map. The user can retrieve a particular well record or a series of records by clicking on the well or wells with the mouse. The well record file from Wellogic is automatically retrieved. Roads, bodies of water, topographic maps, aerial photos, glacial geology, and contaminated sites are some of the other useful features that can be viewed along with the water wells.

The WWV is updated on a regular basis. As the DEQ, local health departments, or water well drillers enter the latitude/longitude data into Wellogic, the wells will appear in the WWV within 2 to 4 weeks. Users of cable modems, satellite, network connectors, or DSL (digital subscriber lines) should have no difficulty using the WWV. However, users with dial-up modems with slower connection speeds (typically below 48K) may experience some delay.

Water well drillers who want to submit their water well records electronically via the Internet (using Wellogic) should e-mail the Wellogic Staff at deq-dwr-wellogic@michigan.gov. Demonstrations of the WWV will take place at various meetings over the next few months.

If you have any questions, please contact the WD, Groundwater Section, at 517-241-1377 or call me directly at 517-241-1374.

MSG:CKP

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