

Status of Water Supply Studies in Northeast Illinois

Center for Groundwater Science
Illinois State Water Survey
Prairie Research Institute
University of Illinois



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Reports

- Kane County Water Resources Investigations
- Kendall County Groundwater Resources Investigations
-- will be completed this summer
- Northeastern Illinois Water Supply Planning
Investigations – will be completed in the next month!!



McHenry County

- Ongoing investigation in cooperation with ISGS
- Geologic mapping of the Quaternary deposits has been completed and map layers transmitted to ISWS
- ISWS now compiling a new model, based on regional model of NE Illinois with much more detail for Quaternary deposits in McHenry County
 - Kane County: 14 layer Quaternary
 - NE Illinois Regional: 5 layer inside Fox watershed
 - Kendall County: combination of Kane and NE Illinois
 - McHenry County: 9 layer Quaternary



McHenry County

- Will be collecting ~350 groundwater level measurements throughout the County this summer
- Expect to collect measurements from private wells plus public wells (in addition to the excellent 40 dedicated well network created by the County with matching federal funds)
- County network is “real-time” and can be viewed here: <http://il.water.usgs.gov/data/McHenry/>
- **uWATER:** ubiquitous WebGIS Analysis Toolkit for Extensive Resources



Other activities

- Presentations to Metropolitan Planning Council (MPC) and Chicago Metropolitan Agency for Planning (CMAP) workshops:
 - *Water Supply Planning in Illinois: The Continuing Need for Data Support*
 - *Integrating Science into Water Supply Planning*
- Will County? A joint ISWS/ISGS proposal has been discussed with county planning, but needs to be addressed at a higher level within the County.



Illinois Water Inventory Program

- Funding for the IWIP Coordinator will end 6/30/2011; for the past year, this has been funded through a combination of IDNR and IEPA \$\$
- There is no new IDNR funding for IWIP in FY12
- IEPA may have some \$\$ for partial funding
- Looking for other avenues to continue funding from a variety of sources, enough to fully fund the IWIP Coordinator and tech support

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