

Water Supply Planning for Illinois
July - September 2006 Progress Report

Illinois State Water Survey and Illinois State Geological Survey

The following provides a summary of activities of the Scientific Surveys since July 1, 2006 related to the Water Supply Planning Initiative. Since July, the Initiative proposal was modified according to comments from DNR legal counsel. The proposal was resubmitted through the University of Illinois Grants and Contracts Office, but it had not been fully executed by September 30. Also, as a result of a joint meeting of OWR, ISWS, ISGS, MAC, and CMAP in Pontiac, a document on *Requirements for Characterization of Water Supply Demand* was completed and distributed to project participants. A draft brochure on water supply planning was prepared for use by IDNR, CMAP, MAC, and others. The brochure is undergoing revision with assistance from CMAP. Finally, with firm support available through this Initiative, the Illinois Water Inventory Program (IWIP) has been fully reinstated – the return rate from facilities sent their 2005 water withdrawal form stands above 85% and historical withdrawal data from facilities that neglected to report in previous years is being updated.

Meetings:

- July 14, Mahomet Aquifer Consortium (MAC) Executive Board, Champaign
- July 18, MAC General Membership, Champaign
- Aug 11, MAC Executive Board, Champaign
- Aug 23, MAC Executive Board, Champaign
- Sept 5, MAC General Membership, Champaign
- Sept 6, Joint meeting of DNR (OWR, ISWS, ISGS), MAC, and Chicago Metropolitan Agency for Planning (CMAP), Pontiac
- Sept 13, MAC Executive Board, Champaign
- Numerous teleconference calls with OWR, ISWS, ISGS, and Dep. Dir. Stone

Presentations:

- July 13, Champaign Kiwanis Club luncheon, *The Mahomet Aquifer: Are We Running Out of Water?*, presenter Allen Wehrmann, Champaign
- Aug 4, Clinton Rotary Club, *The Mahomet Aquifer*, presenter Derek Winstanley, Clinton
- Aug 16, USEPA Region V Source Water Protection Manager's Meeting, *The Governor's Executive Order 2006-01: Water Supply Planning for Illinois*, presenter Allen Wehrmann, Peoria
- Aug 19, Chicago Wilderness, Water Resources in NE Illinois, presenter Derek Winstanley, Chicago
- Aug 31, Public meeting sponsored by the Champaign County Farm Bureau, *The Mahomet Aquifer of East-Central Illinois*, presenter Allen Wehrmann, Champaign
- Sept 28, Special Study Session on the Mahomet Aquifer, joint session of the Champaign and Urbana City Councils, Savoy Village Board, and

Champaign County Board, presenters Derek Winstanley, Allen Wehrmann, and Ed Mehnert, Beckman Institute, Urbana

Publications:

Wehrmann, H.A., and H.V. Knapp. 2006. **Prioritizing Illinois Aquifers and Watersheds for Water Supply Planning**. ISWS Informational/Educational Materials (IEM) 2006-04.

Winstanley, D., J.R. Angel, S.A. Changnon, H.V. Knapp, K.E. Kunkel, M.A. Palecki, R.W. Scott, and H.A. Wehrmann. 2006. **The Water Cycle and Water Budgets in Illinois: A Framework for Drought and Water-Supply Planning**. ISWS IEM 2006-02.

Hiring:

Illinois Water Inventory Program Coordinator, Tim Bryant, started July 1
Water Supply Planner – search in progress
Hydrologist – search in progress
Database Programmer, search in-progress
Hydrogeologist, search in-progress

Training:

Aug 29-31, SWAT Beginner Workshop, Texas A&M University, Deva Borah

Miscellaneous:

ISWS and ISGS prepared documentation of GRF and G/C projects and deliverables related to water supply planning