GROUNDWATER PROTECTION PROGRAM

March 10, 2009

DID YOU KNOW:

- McHenry County Schools Environmental Education Program (MCSEEP) offers water lessons for:

  - 2nd Grade:
    - Making Every Drop Count (Water Cycle -40 Min.)

  - 8th Grade:
    - What's in our Water? (Groundwater - 50 Min.)

OBSERVATION WELLS UPDATE

○ Data Loggers are installed in the majority of the wells
  ● Real-time information is being collected
  ● Information will be processed quarterly

○ Other data that will be incorporated over time:
  ● Stream Gauge Readings
  ● Remote Weather Imaging Station Information
  ● Water Quality

○ Additionally:
  ● Well logs will be added to the 3-D model being assembled by the Illinois State Geological Survey (ISGS)
  ● Water levels and groundwater flow information will be used to refine a hydrologic flow model of the county by the Illinois State Water Survey (ISWS)
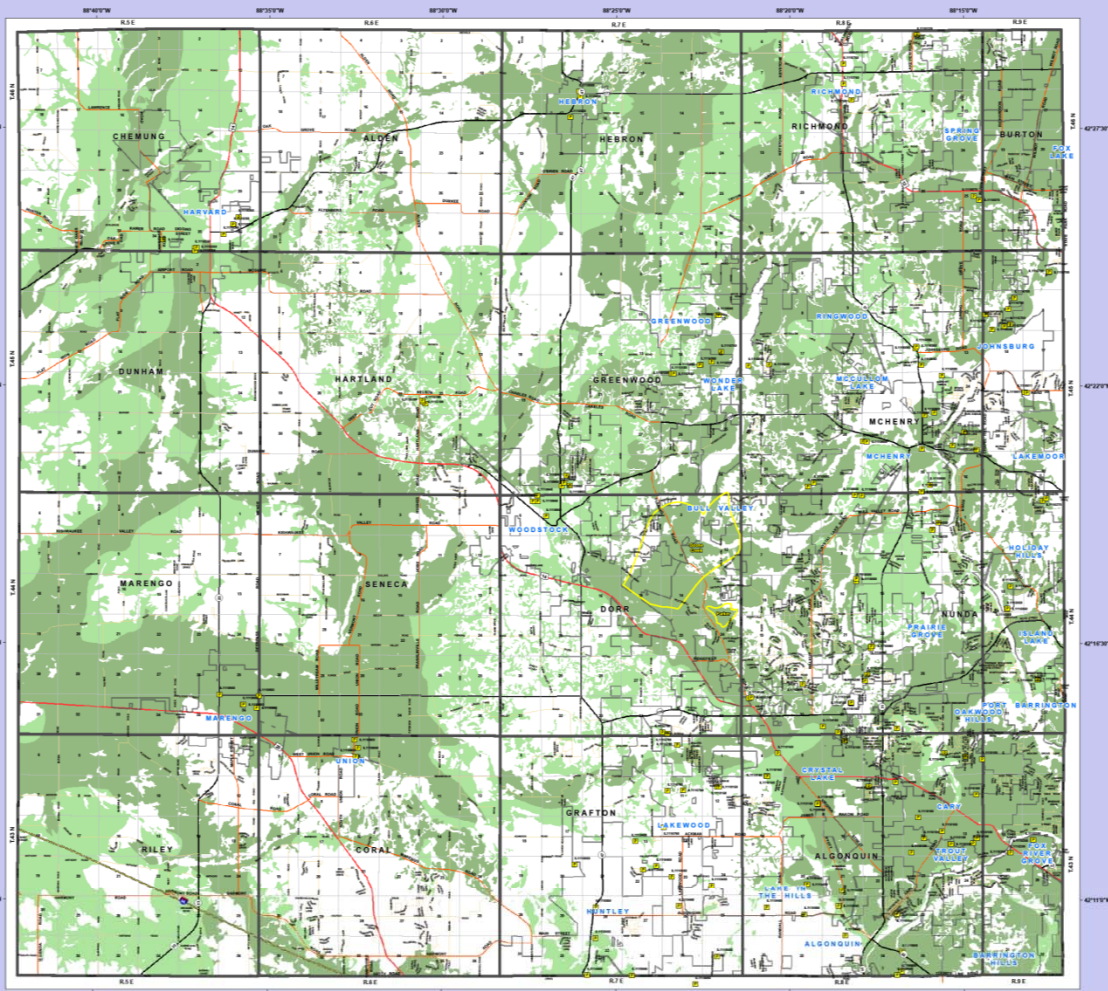
Groundwater Recharge "Draft" Policy

Initial Review: March 10, 2009

Final Review: July 14, 2009

SENSITIVE AQUIFER RECHARGE MAP

McHenry County Sensitive Aquifer Recharge Areas

Legend

- McHenry Pumpage
- Class 3 Groundwater
- Townships
- Sections
- Corporate

ROADS
- County
- Interstate
- State
- Townships
- US Route

Sensitive Aquifer Recharge Areas
- A
- B

1 inch equals 4,500 feet
At a print size of 36" x 42"

Data Source

Pump: Illinois EPA, Groundwater Section

Critical Recharge: McHenry County Soil and Water Conservation District

Map produced by McHenry County GIS Dept
Date: October 2008

INFORMATION ON THIS MAP MAY CONTAIN INACCURACIES OR TYPOGRAPHICAL ERRORS. INFORMATION MAY BE CHANGED OR UPDATED WITHOUT NOTICE. INFORMATION ON THIS MAP IS PROVIDED "AS-IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL MCHENRY COUNTY BE LIABLE TO YOU OR TO ANY THIRD PARTY FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES OR LOST PROFIT RESULTING FROM ANY USE OR MISUSE OF THIS INFORMATION. INFORMATION HEREIN HAS BEEN REPRODUCED FROM ORIGINAL SOURCES. INFORMATION PRODUCED ON THIS MAP SHOULD NOT BE USED IN PLACE OF A SURVEY OR LEGAL DOCUMENTS.

CHEMUNG · ALDEN · HEBRON · RICHMOND · SPRING GROVE · BURTON · HARVARD · DUNHAM · HARTLAND · GREENWOOD · RINGWOOD · JOHNSBURG · WONDER LAKE · MCCULLOM LAKE · MCHENRY · LAKEMOOR · WOODSTOCK · BULL VALLEY · HOLIDAY HILLS · MARENGO · SENECA · DORR · NUNDA · PRAIRIE GROVE · OAKWOOD HILLS · PORT BARRINGTON · UNION · CRYSTAL LAKE · CARY · FOX RIVER GROVE · RILEY · CORAL · GRAFTON · LAKEWOOD · ALGONQUIN · TROUT VALLEY · HUNTLEY · LAKE IN THE HILLS · ALGONQUIN · BARRINGTON HILLS

Groundwater Protection Program:

2009 Policy Review

Tuesday, February 10 at 2:00 PM
Pavement De-icing

Tuesday, March 10 at 2:00 PM
Recharge Areas

Tuesday, April 14 at 2:00 PM
Pollution Prevention
Groundwater Quality Protection

Tuesday, May 12 at 2:00 PM
Impacts on Natural Areas
Conservation Design

Tuesday, June 9 at 2:00 PM
Water Conservation
Wastewater Effluent Re-use

Tuesday, July 14 at 2:00 PM
Water Supply Contingency Planning
Stakeholder Standards

TECHNICAL COMMITTEE

- Today's Agenda:
  - Groundwater Recharge
  - Pollution Prevention
  - Groundwater Quality
  - Natural Areas Map Review

  - Will Adjourn by 4:30 PM

Contact Information:

Cassandra McKinney
Water Resource Manager
McHenry County Government
2200 N. Seminary Avenue
Woodstock, IL 60098-2637

Phone: (815) 334-4213
Fax: (815) 338-3991
E-mail: clmckinney@co.mchenry.il.us
Website: www.mchenryh2o.com