I THOUGHT I RETIRED

Bill COMPTON
JUNE 1, 2018 PRESENTATION
MAHOMET AQUIFER TASK FORCE SUBCOMMITTEE B
Caterpillar Illinois Facilities
  - Five Groundwater, One Surface
  - Regulatory and Legislative Involvement
Groveland Township Water District, Chairman Emeritus
Illinois Chamber of Commerce Environment Committee
Illinois Environmental Regulatory Group, Executive Committee, Chairman Emeritus
IGPA Groundwater Advisory Council
IGPA Central Region Groundwater Protection Committee
Numerous IEPA, IDNR Committee, Regional Project Initiatives
IDNR Middle Illinois Basin Water Supply Regional Study (Ongoing)
Local government authority to protect groundwater includes:

- adopting maximum setback zone ordinances
- conducting groundwater protection needs assessments
- participating in the establishment of priority groundwater planning regions and regulated recharge areas
- and adopting setbacks as a zoning overlay district.
Unintended Consequences

Charles Hostetler: Need to understand the content of the regulations and how well they work
- Are they (or will they) be effective and useful
- Need to understand the content before approval of blanket recommendations
- Whether they impose unfunded mandates
- Whether the local governments will budget to sustain the recommendations

(From Draft April 16, 2018 Minutes from the Sub-Committee Meeting)
Illinois Groundwater Protection Act (IGPA) (P.A. 85-086, 1987)

- IGPA-a unified, prevention-oriented program that relies on state and local partnerships by enhancing cooperation and
  - Providing for surveys, mapping and assessments
  - Requiring groundwater quality standards
  - Setting groundwater protection policy
  - Monitoring ambient groundwater quality
Illinois Groundwater Protection Act (IGPA) (P.A. 85-086, 1987) (Cont.)

- Establishing water well protection zones
- Establishing authority for recharge area protection
- Requiring technology control regulations
- Establishing a regional groundwater protection planning program
- Establishing a groundwater education program
IGPA—a Unified, Prevention-oriented Program that relies on State and Local Partnerships by Enhancing Cooperation

› Assigned various administrative and technical duties and responsibilities to the Illinois EPA and the Illinois Dept. of Natural Resources

› Established
  - Interagency Coordinating Committee on Groundwater (ICCG)
  - Groundwater Advisory Council (GAC)
  - Four Priority Regional Groundwater Protection Planning Committees
IGPA—a Unified, Prevention-oriented Program that relies on State and Local Partnerships by Enhancing Cooperation

› Assigned responsibilities to the ICCG, GAC and Regional Priority Committees

› Defined specific areas of interaction and cooperation between the ICCG and GAC with the DNR and IEPA
Interaction Between the GAC, the ICCG, IDNR and IEPA

ICC Chair (IEPA)
- Proposes a groundwater protection agenda considering relevant federal and State programs
- Submits agenda to Committee and GAC for consideration
- Designates an ICCG liaison person to facilitate communications with the ICCG

ICC considers the findings and recommendations provided by the GAC
- Responds in writing
Interaction Between the GAC, the ICCG, IDNR and IEPA (cont.)

› DNR, with the advice if the ICCG and GAC, develops
  - A coordinated groundwater data collection and automation program
  - Automate the data to make it accessible and usable

› DNR, in consultation with the IEPA, ICCG and GAC
  - Develops ongoing basic and applied research programs relating to groundwater
  - Makes information available to local governments seeking technical assistance from DNR
Interaction Between the GAC and the ICCG, IDNR and IEPA (cont.)

› DNR, with the advice of the ICCG and GAC, develops
  - A coordinated groundwater data collection and automation program
  - Automate the data to make it accessible and usable

› DNR, in consultation with the IEPA, ICCG and GAC
  - Develops ongoing basic and applied research programs relating to groundwater
  - Makes information available to local governments seeking technical assistance from DNR
Groundwater Advisory Council

- GAC activities and results relate to
- Review, evaluation and recommendations regarding laws, regulations
- Procedures related to groundwater protection
- State’s efforts to implement the IGPA and generally protect the groundwater of the State
- Groundwater data collection and analyses
- Recommendations relating to the State’s needs for groundwater research
Composition of the Groundwater Advisory Council

- Members appointed by the Governor
  - Two Persons - Environmental
  - Two Persons - Industrial and Commercial
  - One Person - Agricultural Interests
  - One Person - Local Governmental
  - One Person - Regional Planning
  - One Person - Public Water Supplies
  - One Person - Water Well Drilling Industry
GAC Activities (Routine)

› Cosponsor Regional Groundwater Protection Programs Policy Forums

› Meet with ICCG to coordinate review, evaluate and recommend State groundwater program initiatives and activities

› Review and evaluate IEPA policy and regulatory proposals related to groundwater and source water protection
Provide Open Meeting Act Liaison to Affected Stakeholders for Input
- NGO Environmental Groups
- Illinois Farm Bureau

Business/Industrial Groups (e.g.)
- Illinois Environmental Regulatory Group
- Illinois Municipal League
- Illinois Chamber of Commerce
- Illinois Manufacturers Association
- Chemical Industry Council of Illinois

ICCG, IEPA, IDNR Concerns
GAC Accomplishments

- Pleasant Valley PWD Regulated Recharge Area (IL Pollution Control Board Rule) (First in State) 2001
- GAC recommended State-wide water quantity planning and management program accepted by the ICCG 2001
- GAC participation in
  - Implementing Executive Order No. 5 – ICCG to Establish a Water Quantity Planning Program 2002
  - Preparing the Integrated Water Planning and Management Plan Submitted to the Governor and General Assembly 2003
GAC Accomplishments (Cont.)

- GAC resolution for IEPA Methods of Notification under the Illinois Right to Know Act (415 ILCS 5/25d-3 Notices) 2006
- City of Marquette Heights CWS Maximum Setback Zone (IL Pollution Control Board Rule) (First in State) 2006
- GAC Outreach Session Section 654.505 Source Water Protection Plan, 2013
- GAC Regulatory Outreach Session for amendments to Part 841, Coal Combustion Waste Surface Impoundments at Power Generating Facilities, 2016
- GAC Regulatory Outreach Session on Part 620 Amendments, 2017
Regional Planning Committee Composition

› Members Appointed by the Director, IEPA
  - Supported by IEPA Staff

› Representatives from
  - Counties and Municipalities
  - Owners, Operators of Public Water Supplies which use Groundwater
  - At Least Three members of the General Public
Central Region Committee Membership

› Municipalities
  − City of Chillicothe
  − City Of Pekin
  − City of Peoria Heights

› Counties
  − Mason
  − Peoria
  − Tazewell
  − Woodford
  − Tri-County Regional Planning.

› Public Water Supplies
  − City of East Peoria
  − Groveland Twp. W. D.
  − Illinois American
  − Pleasant Valley P.W.D.

› Citizens
  − Agriculture
  − Supply Business/Industry
  − Education/Teaching
  − Engineering Consultants
  − Farming
  − Farm Bureau
  − Local Planning
  − Well Drilling
Central Regional Committee Mission

› Mission - Advocate groundwater protection practices and procedures to municipal, county, state and other local units of government throughout the Central Planning Region
Central Regional Committee Goals

› Promote and the use of groundwater protection “tools” that implement groundwater protection programs throughout the region

› Assist the state jurisdictions and act as a catalyst in accomplishing specific regional groundwater protection programs

› Provide a forum for the development of recognized regional protection needs

› Provide education materials and programs regarding general groundwater protection
Central Regional Groundwater Protection Planning Committee

- Central Regional Groundwater Protection Planning Committee activities relate to
  - Identification of and advocacy for region specific groundwater protection matters
  - Facilitating informational and educational activities relating to groundwater protection within the region
  - Recommendations to the IEPA for the establishment of regulated recharge areas and public outreach
  - Monitoring and reporting progress on in implementation of protection of groundwater
Groundwater Protection Program Videos and Teacher Curriculum

› Developed and produced four videos, which may be presented in their entirety or in segments, accommodating class time restraints

› A curriculum for teaching fourth- through eighth-grade students about the importance of groundwater as a natural resource was developed

› All four videos have been copied onto DVDs that are available from the Tazewell County Health Department

› Curriculum materials are provided on the DVD (i.e., PowerPoint presentation, text, and sample quiz.)
Central Regional Committee Accomplishments

› City of Pekin, IL comprehensive recharge area protection overlay zoning ordinance and a maximum setback zone ordinance

› Tazewell County, IL county-wide groundwater protection ordinance

› Pleasant Valley PWD regulated recharge area IL Pollution Control Board Rule

› City of Marquette Heights CWS Maximum Setback Zone

› East Central Illinois Regional Water Plan (Mahomet Aquifer)
Pekin Zoning
Pleasant Valley Regulated Recharge Area
QUESTIONS