

# STATE COORDINATING COMMITTEE ON GROUND WATER

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Ohio Department of  
Transportation  
1980 West Broad Street  
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**To promote and guide the implementation of a coordinated,  
comprehensive and effective ground water protection and  
management program for the state of Ohio**

**December 14, 2015  
Panera at Lane Avenue, OSU campus**

*The December 14, 2015 meeting consisted of Agency announcements and a presentation by Tom Allen (retired DDAGW assistant chief) on Ohio's Ground Water Strategy, 1986-present.*

## **ATTENDANCE**

Ohio EPA: Barb Lubberger, Jeff Patzke  
ODNR: Frank Fugitt, Jim Raab  
PUCO: Sue Daly  
USGS: Rob Darner

Visitors: Tom Allen and his son, Garrett Allen

## **AGENCY UPDATES AND ANNOUNCEMENTS**

***Ohio Department of Natural Resources, Division of Soil and Water Resources:***

Reorganization. The division reorganization is expected to be effective January 1, 2016. ODNR's division name will revert to Division of Water Resources.

Flowing Wells in NW Ohio. Curtis Coe is doing a study on a 4-mile wide band of flowing wells that extends from southwestern Defiance County, through Williams County and into northwestern Fulton County. It is anticipated that the study will identify recharge areas and the possible influence of irrigation wells on domestic water wells in the region.

Great Lakes Proposed Diversion. ODNR is reviewing a formal announcement of intent submitted by the State of Wisconsin to enable a Wisconsin community to withdraw water from Lake Michigan, even though it would discharge to the Mississippi River basin. Under the Great Lakes Compact, any community outside of the Great Lakes Basin wishing to divert water from any of the Great Lakes must get the approval of all other signatory states (U.S.).

***Ohio Department of Natural Resources, Division of Geological Survey:***  
Mapping Projects. The division continues karst mapping in the Hillsboro vicinity, detailed bedrock geologic mapping in Scioto County, surficial deposit mapping of the Chillicothe quad,

***Ohio Department of Natural Resources, Division of Geological Survey:***  
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Coal Study. OCDO current study is the Pittsburgh-Lower Freeport Coal.

Reports. The Mineral Industry Report for 2014 has just been released and can be accessed online at <http://geosurvey.ohiodnr.gov/mineral-resources/minerals-home>

Other Projects. The division continues to:

- analyze the sand content of Lake Erie bluffs (to gauge erosion potential),
- assess the Silurian salt deposits of the Salina formation
- Energy group continues work on the Midwest Regional Carbon Sequestration Partnership CO<sub>2</sub> sequestration project.

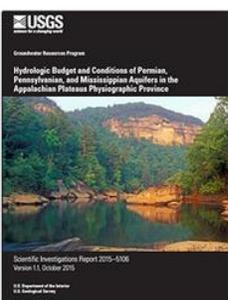
***Public Utilities Commission of Ohio:***

Max Walton Glen. This site will not come under PUCO jurisdiction since the owner has stopped piping water to customers. The former customers have all drilled their own wells.

***United States Geological Survey, Ohio Water Science Center:***

New Deputy Director. The Center's new Deputy Director is Keith Banachowski, formerly with ODNR's Dam Safety Division.

New USGS Report. The Survey recently published a report on the hydrologic budget of aquifers in the Appalachian Plateaus, available at <https://pubs.er.usgs.gov/publication/sir20155106>



Hydrologic budget and conditions of Permian, Pennsylvanian, and Mississippian aquifers in the Appalachian Plateaus physiographic province

Scientific Investigations Report 2015-5106

Groundwater Resources Program

By: Kurt J. McCoy, Richard M. Yager, David L. Nelms, David E. Ladd, Jack Monti Jr., and Mark D. Kozar

DOI: 10.3133/sir20155106



HABs Gauges in NW Ohio. The Survey maintains a significant number of HABs monitoring gauges in northwest Ohio, in the Maumee River and along the Ohio shore of Lake Erie, which read directly into a real-time database that can be viewed online.

Updating the local groundwater network. The Ohio Water Center has been scouting for monitoring wells that could be used to monitor background ground water quality in southeast Ohio, but so far has not been able to obtain permission from the owners of prospective wells.

**Ohio EPA, Division of Drinking and Ground Waters:**

Grants for National GW Monitoring Network. In support of the National Ground Water Monitoring Network, USGS is offering grants of \$20-50,000 for connecting data from bedrock monitoring wells to electronic data services. Applications are due by January 15<sup>th</sup>. More information is available at grants.gov.

Salt Solution Well. The City of Hudson (Summit County) is contemplating installing a deep salt solution well and brine storage area within the one-year time-of-travel area of their wellfield. The city pumps over one million gallons per day from this wellfield.

Ohio Nutrient Reduction Strategy. Over the next year, a SCCGW workgroup will determine how to integrate ground water nutrient impacts into the Ohio Nutrient Reduction Strategy. This will include determining how to best identify and prioritize ground water resources impaired by nutrients and how the nutrients should be addressed. The proposed deadline is March 2017.

**PRESENTATION**

Tom Allen (retired Assistant Chief of DDAGW) discussed the Ground Water Strategy of 1986, how and why it came about, and what has been achieved since then. Still extremely active with Trout Unlimited, Mid-Ohio Regional Planning Commission and other groups, Tom notes the advances in providing information to the public via electronic media, and the success in managing hazardous and solid wastes in Ohio.

He identified the need for ground water quality and quantity data as it relates to sustaining surface water quality of streams. It is also important for coordinating bodies such as the Ohio Water Resource Council (OWRC) and SCCGW to stay active in order to effectively and efficiently address Ohio's priority water resource issues. His biggest concern is that the state of Ohio has not embraced or supported "Balanced/Sustainable Growth" principles, though there are many cities, communities and watersheds applying them and discovering many benefits, including economic.

**NEXT SCCGW MEETING**

... will be February 18<sup>th</sup>, 8:30-11:30 am at ODNR's Assembly Center East, Building E. The planned presentation will cover the predicted effects of climate change on Ohio's water resources (Greg Koltun, USGS).

**REMINDER:**

Meeting agendas and final meeting summaries are posted on the SCCGW website at <http://epa.ohio.gov/ddagw/sccgw.aspx>