

# STATE COORDINATING COMMITTEE ON GROUND WATER

**To promote and guide the implementation of a coordinated, comprehensive and effective ground water protection and management program for the state of Ohio**

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Ohio Department of  
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77 South High Street  
Columbus, Ohio 43266-0413

Ohio Department of  
Transportation  
1980 West Broad Street  
Columbus, Ohio 43215

**October 18, 2012  
ODNR Fountain Square Campus  
Ohio Assembly Center E**

*The October 18, 2012 meeting consisted of Agency announcements and a presentation on "Developing a model ground water awareness campaign" by Cliff Treyens of NGWA.*

## **ATTENDANCE**

Ohio EPA: Michael Eggert, Jeff Patzke, Aaron Shear  
ODNR: Frank Fugitt, Jim Raab, Tom Tomastik  
ODH: Nathan Johnson  
PUCO: Sue Daly  
ODOT: Hans Gucker  
USGS: Ralph Haefner  
SFM: Charlie Zepp  
Visitor: Cliff Treyens, NGWA

## **AGENCY UPDATES AND ANNOUNCEMENTS**

### ***Ohio EPA, Division of Materials and Waste Management***

**Construction and Demolition Debris Landfill Investigations:** The first site (in Hamilton County) is out for bid, with the response due next week. The notice for a site in Ashland County is to go out next week.

**Oil and Gas Production Wastes:** DMWM issued an advisory, *Solidification and Disposal Activities Associated With Drilling-Related Wastes At Solid Waste Landfills*. It can be found at:

<http://www.epa.state.oh.us/portals/34/document/NewsPDFs/Drilling%20waste%20advisory%20final.091812.pdf>.

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

**DDAGW-SWDO Ground Water Program Manager:** John McGinnis has replaced Mike Proffitt, who is the new SWDO Asst. Chief.

**Well Water Sampling Results Interpretation:** The grant application for a joint project between OSU Extension Service, ODH, and Ohio EPA was submitted to the Ohio Water Development Authority. If funded, it is hoped that a website could be in place by May or June 2013. Information would include typical ranges for constituents based on Ohio's ambient ground water quality.

**Ground Water Quality Technical Reports/Fact Sheets:** The division is working on documents for Radium 226/228 and geochemical oxidation-reduction and should have drafts available for review soon.

New Ground Water Quality Database: The Division's new GWQCP database is close to being ready for use. It will replace STORET as the principal storage for ambient monitoring program data and will also be a repository for other data, including special investigations. The new database should be easier to use for data manipulation. It will stream data to the federal WQX node.

OWRC Water Quality Monitoring Steering Committee: The Division is participating on this new committee, along with OEPA-DSW (lead), ODA, ODNR, USGS, and ODH. The goals are to minimize duplication of effort and enhance use of the data. The committee is currently in an information gathering mode.

Ohio Nutrient Forum: OEPA, ODNR, and ODA are holding an Ohio Nutrient Forum in Columbus on Nov. 14. DDAGW will provide a presentation on the drinking water quality and economic impacts on public water systems associated with nutrient impairments.

WMAO Fall Conference: The conference will be held Nov. 14-15 in Columbus. The conference will have an historical theme recognizing the 100<sup>th</sup> anniversary of the 1913 flooding.

***Ohio Department of Natural Resources, Geological Survey:***

New Chief: Thomas J. Serenko, Ph.D. is the new Chief of the Ohio Geological Survey. He is a native Ohioan, with 25 years of experience as a private industry geologist.

Seismic Monitoring: The Division is assisting ODNR-O&G on measuring seismic activity in advance of injection well installation as well as real-time monitoring during injection.

Seismic Network: The size of the network is being increased to allow for better implementation of policy, gain a better understanding of microseismicity, and as a proactive measure to prevent earthquakes related to or caused by injection well activities.

Mapping Progress. 3D mapping continues on the Adrian and Bellefontaine 100K quads. Mapping of karst in the Bellevue area is in process under the Coalition Grant, as well as mapping of shore bluffs near Ashtabula.

Geothermal Grant. The Survey's Geothermal Grant is entering its third and final year. Project deliverables are undergoing a shifting emphasis to GIS products.

***Ohio Department of Natural Resources, Division of Oil and Gas:***

Drilling Activity: The Division is seeing only slow growth in drilling activity.

How Well Do You Know Your Water Well?: The division is collaborating with ODH, the Trumbull County Soil & Water Conservation District, the Trumbull County Farm Bureau and a BP consultant on this draft layman's guide. Comments are due this week to ODNR-O&G or ODH.

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

Allen County Golf Course Dewatering Report: Shallow domestic wells have been affected by irrigation at the golf course. The report is nearly final.

Stark County Deep Dewatering: This project involves a vertical causter process for a building. Twenty-two domestic wells have been replaced. The dewatering could continue

until March. Recovery of the ground water levels will be monitored for a few months after the dewatering pumps are turned off.

Observation Well Network Upgrades: The Division continues to work with USGS. Approximately 30-35 wells remain for upgrading.

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

Utica Shale Fact Sheet: This new fact sheet maps the extent of oil and gas and estimates mean gas content in the Utica Shale.

***Ohio Department of Transportation***

Facility Upgrades: There is an initiative to switch from underground to above-ground tanks and optimize the size of tank based on actual fuel use.

Salt Facilities: There is similar size optimization being considered for salt storage facilities. In many cases, locations may have more capacity than is needed.

Waste Stream Research: Waste streams such as vehicle wash water and street sweeping and sewer wastes are being evaluated, including the potential for beneficial use.

***State Fire Marshal***

New Corrective Action Rules: The most notable change in the new rules for ground water involves the distance to wells that is necessary for ground water to be considered drinking water. The change in the distance from 2000' to 1500' is based on the small size of petroleum hydrocarbon plumes.

Eliminating Wells From Drinking Water Use Designation: Signed affidavits are being used to document that wells are no longer being used.

Closure: Owners/operators may not have to sample if appropriate secondary containment is in place. It is necessary to verify that the containment is effective.

Database Upgrade: After the database upgrade in April, it may become more difficult to obtain information. Scott Sigler may be contacted with questions.

***Ohio Department of Health:***

Bureau of Environmental Health Information System: The purpose of the information system will be to share information with local districts and state agencies. There will be on-line access for the public.

Sewage Rules: There will be two more advisory committee meetings. The comment period for the draft sewage rules will then begin. The target date for effective rules is April 2013.

Water Website: A web page is being created that homeowners can use to interpret well tests, including pre-drilling testing. There will be fact sheets and information on treatment options for specific constituents. Only some fact sheets are currently complete.

- [http://www.odh.ohio.gov/odhprograms/eh/water/PrivateWaterSystems/Quality\\_Treatment.aspx](http://www.odh.ohio.gov/odhprograms/eh/water/PrivateWaterSystems/Quality_Treatment.aspx)

Well Drilling Contractor Registration: Annual registration information will go out in November.

## **WORKGROUP UPDATES**

Salt Workgroup: A draft guidance document on road salt storage has been completed and will be provided to the Ohio Water Resources Council (OWRC) soon. The OWRC will consider formal adoption at its February 2013 meeting. In the interim, the draft document will be sent to the State Agency and Public Advisory Groups. OWRC is considering making the draft available so that it may be used during the upcoming winter season.

## **PRESENTATION**

“Developing a model ground water awareness campaign” was presented by Cliff Treyens of the National Ground Water Association. The possibility of NGWA collaborating with SCCGW organizations during 2013 on an awareness campaign was discussed. SCCGW will look into scheduling a more in-depth discussion on this topic.

## **NEXT SCCGW MEETING**

... will be the annual holiday meeting, to be held on Dec. 20th--a Friday--at the Dutch Kitchen in Plain City, on the west side of Route 42. Coffee and pastries will be available starting at 8:00 am and former SCCGW members will be invited. Additional information will be provided in the agenda that will be e-mailed out on December 13<sup>th</sup>.

### **REMINDER:**

Meeting agendas and final meeting summaries are posted on the SCCGW Web site:

<http://wwwapp.epa.ohio.gov/ddagw/SCCGW/>