

# STATE COORDINATING COMMITTEE ON GROUND WATER

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Ohio Environmental Protection Agency  
Lazarus Government Center  
Columbus, Ohio 43215-1049

Ohio Department of Natural Resources  
Fountain Square  
Columbus, Ohio 43224-1387

Ohio Department of Health  
246 North High Street  
Columbus, Ohio 43266-0588

Ohio Department of Commerce-SFM  
8895 East Main Street  
Reynoldsburg, Ohio 43068

Ohio Public Utilities Commission  
180 East Broad Street  
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Ohio Department of Agriculture  
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Reynoldsburg, Ohio 43068-3399

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

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

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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

July 15, 2004

Horace R. Collins Conference Room, ODNR Repository  
Delaware, Ohio

### **ABSTRACT**

The July 2004 meeting consisted of Agency announcements, a presentation on new BUSTR rules, and a presentation on Geoprobe technology. The meeting was followed by an on-site demonstration of Geoprobe.

### **ATTENDANCE**

OEPA: Tom Allen, Bob Knipmeyer, Barb Lubberger

ODNR: Mike Hallfrisch, John Kessler, Ted Lozier, Rick Pavey,

USGS: Jeff DeRoche

ODH: Rebecca Fugitt

ODA: Bill Goodman

ODOT: Rob Lang

Audience:

*from Ohio EPA:* Kiet Chung, Vlad Cica, Katie Crowell, Annette DeHavilland, Tim Fishbaugh, Cal James, Russ Kocher, Tim Krichbaum, Pam McCoy, John McGinnis, Jeff Patzke, Sydney Poole, Jason Reed, Karl Reinbold, Jeff Rizzo, Shannon Ryan, Linnea Saukko, Randy Skrzyniecki, Linda Slattery, Mike Slattery, Martin Smith, Dan Tjoelker

*from ODOT:* Juliet Denniss, Virginia Koelin

*from BUSTR:* Jason Anthony, Dave Biskner, Kelly Gill

### **JUNE DRAFT MEETING SUMMARY**

The following corrections/clarifications were requested:

***Ohio EPA, Directors Office, Bob Knipmeyer announced:***

-Ohio Citizen Action hosted a meeting on the chemical "C8" in Meigs Washington County, Ohio on June 17<sup>th</sup> ...

- ~~Human cases of West Nile virus have not yet been documented in Ohio this year~~  
So far this year, in Ohio West Nile virus has not yet been identified in horses or humans.

**Ohio Department of Natural Resources, Division of Soil and Water Conservation, John Kessler announced:**

- Applications for watershed coordinators **supplemental grants** are due on June 30<sup>th</sup>.  
**Proposals for full watershed coordinator grants are due September 1st.**

**AGENCY UPDATES AND ANNOUNCEMENTS**

**Ohio Department of Natural Resources, Geologic Survey, Rick Pavey announced:**

- New glacial drift thickness maps at 1:500,000 scale are now available.

**USGS, Water Resources Discipline, Jeff DeRoche announced:**

- A Research Lecture and Discussion on Nitrate in Ground Water and Surface Water will be held at the USGS conference room on August 3<sup>rd</sup>, 2004 at 9:00 am. The presenter is JK Bohlke from the USGS headquarters in Reston, Virginia. Other agency staff are welcome to attend, but space is limited so RSVP must be e-mailed by July 23<sup>rd</sup> to Sandra Eberts at [smeberts@usgs.gov](mailto:smeberts@usgs.gov)

- Several new USGS reports have come out:

- *Open-File Reports on MODFLOW*, a memo that announces two additions to MODFLOW: the Subsidence and Aquifer-System Compaction (SUB) Package and the Streamflow-Routing (SFR) Package. The SUB and SFR Packages are in the current version (1.14) of MODFLOW-2000, available through the USGS Ground - Water Software web site at <http://water.usgs.gov/nrp/gwsoftware/modflow2000/modflow2000.html>. Documentation for the packages is also available from this site.
- *Guidelines for Evaluating Ground-Water Flow Models*, U.S. Geological Survey, Scientific Investigations Report 2004-5038, by Thomas E. Reilly and Arlen W. Harbaugh, available at <http://water.usgs.gov/pubs/sir/2004/5038/>.
- *Microbiological Water Quality in Relation to Water-Contact Recreation, Cuyahoga River, Cuyahoga Valley National Park, Ohio, 2000 and 2002*, Water-Resources Investigations Report 03-4333, by Rebecca N. Bushon and G.F. Koltun, 2004.

- USEPA has contacted USGS to investigate stream flow in Dick's Creek, a tributary to the Great Miami River in Butler County. Because of contamination in the riverbed sediments, USEPA is discussing capping the stream bed with aggregate, and needs flow information to decide which kind of aggregate to use.

**Ohio Department of Agriculture, Bill Goodman announced:**

- The Lake Erie Commission is providing cost-share monies to farmers in order for them to construct secondary containment for fertilizer and pesticide containment. Those plans are being coordinated through the ODA in cooperation with expertise from the local NRCS/SWCD offices within the Lake Erie watershed. Altogether, 26 farmers have applied for cost-share monies.

**Ohio Department of Health, Rebecca Fugitt announced:**

- John Wells retired on June 30<sup>th</sup> and John Smith's last day at ODH was July 15<sup>th</sup>.

- ODH has a new digital downhole camera whose images can be loaded onto a CD-ROM.

- Results are not yet available from the various sampling events reported at the June 29<sup>th</sup> meeting (for Oak Opening Sands, a Wayne County subdivision, Elizabethtown, and Marietta).

**Ohio EPA, Directors Office, Bob Knipmeyer announced:**

- USEPA issued a press release on July 9<sup>th</sup> stating it would take action against Dupont for injury to Dupont workers from C8.

- Little Hocking Water Association issued its own notice of contamination to its water customers, advising them to drink the water at their own risk, due to recent detections of C8 in the water.

- USEPA and the Agency for Toxic Substances and Disease Registry were very concerned over initial sampling results from late June that indicated a serious and urgent health hazard at Warren Recycling (in Trumbull County) had since been abated by the efforts of the local health department and the city. A press release issued on July 14<sup>th</sup> indicated that interim corrective measures had significantly reduced the levels escaping from the sewer system while local, state and federal officials continue to address the cause and disposal of the hydrogen sulfide.

**Ohio Department of Natural Resources, Division of Soil and Water Conservation Services, John Kessler announced:**

- The Division is still awaiting proposals for three watershed coordinators.

**Ohio Department of Transportation, Rob Lang and Juliet Denniss announced:**

- ODOT recently hired Kevin Hodnett, formerly with BUSTR.

- ODOT has produced a fold-out fact sheet on storm water management titled "The Road to Clean Water".

- ODOT is preparing to construct a ramp onto the bridge over the Ohio River at Belpre and is in discussions with Ohio EPA and USEPA over a RCRA closure area just north of the site. ODOT will have to coordinate remediation of arsenic levels in nearby Davis Creek (which drains from the RCRA site to the Ohio River). Also, they must produce a Worker, Health and Safety Plan for the project, because of C8 detected in the top six inches of soil at this site, which is just north of the Little Hocking wellfield.

**Ohio EPA, Division of Drinking and Ground Waters, Barb Lubberger and Tom Allen announced:**

- All comments and scoring on the FY05 319 planning grants (funding the development of local SWAP protection plans) should be e-mailed to Heather Raymond

by July 30<sup>th</sup>. At a minimum, members should identify the projects they recommend for funding.

- A Web-based training on Ohio's Source Water Assessment and Protection Program has been completed, and can be viewed at <http://tacnet.info/swp/oh>. The training will also be available on CD in the near future.

- An Ohio Water Resources Council (OWRC) educational workgroup has received permission to contract with Storm Center to develop educational presentations on water resources, which will be delivered by local TV weathercasters.

- Ohio EPA's Public Interest Center is planning to develop a display on the Ohio Water Resources Council that can be taken to statewide conferences and venues such as the State Fair.

- The Water Management Association of Ohio (WMAO) will hold its fall conference October 6-7 at the Marriott North, off I-71. This conference will emphasize OWRC priority issues (storm water, watersheds, and education) as well as TMDL initiatives, 319 issues, and Source Water Protection. Conference planners expect 150-200 attendees. Registration forms will go out at the end of July.

## **PRESENTATIONS**

**BUSTR's New Rules.** Kelly Gill, of BUSTR, gave a presentation on new BUSTR proposed rules regarding clean-up standards for ground water contamination. What's new is a flow chart for determining whether ground water must be remediated. The first level of inquiry is based on yield from the saturated zone (i.e., whether or not the ground water can be used as "drinking water"), followed by inquiry into distance to the nearest receptors or location within a drinking water source protection area. This is followed by a third tier of six questions, after which the decision is made for or against remediation of ground water.

**Geoprobe Technology.** Tom Christie, of Geoprobe, gave a presentation on Geoprobe technology, followed by a demonstration on the ODNR Repository grounds. His crew installed a five-foot monitoring well just above the shale bedrock at a depth of about 40 feet. The cores taken in the process were available for viewing. Because this technology does not produce cuttings, only cores, it lowers disposal costs at contaminated sites. It produces sediment cores equivalent to those obtained through conventional drilling methods, but is more limited in the depths to which it can effectively work. Also, it is less effective in extremely indurated sediments.

## **NEXT SCCGW MEETING:**

Thursday, August 19th, at the Horace R. Collins Conference Center (ODNR Repository). Craig Smith will give a presentation of the Source Water Assessment and Protection online training.

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**Horace R. Collins Conference Room  
August 19, 2004**

8:30 - 8:35            CALL TO ORDER  
                             - Introductions

8:35 - 8:40            JULY DRAFT MEETING SUMMARY

8:40 - 10:15          AGENCY UPDATES AND ANNOUNCEMENTS

10:15 - 10:25        BREAK

10:25 - 11:05        PRESENTATION OF SWAP ON-LINE TRAINING, Craig Smith, Ohio  
                             EPA, DDAGW

11:05 - 11:25        Input/Discussion on CWA 319 FY'05 Planning and Implementation  
                             Grants, Heather Raymond, Ohio EPA, DDAGW

11:25 - 11:30        SEPTEMBER AGENDA

11:30                  ADJOURN