

STATE COORDINATING COMMITTEE ON GROUND WATER

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Columbus, Ohio 43266-0588

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8895 East Main Street
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Ohio Public Utilities Commission
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Ohio Department of Development
77 South High Street
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Ohio Department of Transportation
1980 West Broad Street
Columbus, Ohio 43215

TO PROMOTE AND GUIDE THE IMPLEMENTATION OF A COORDINATED, COMPREHENSIVE AND EFFECTIVE GROUND WATER PROTECTION AND MANAGEMENT PROGRAM FOR THE STATE OF OHIO

August 16, 2007

Horace Collins Conference Room
Delaware, Ohio

ABSTRACT

The August 2007 SCCGW meeting consisted of Agency announcements, a presentation on an OWRC report titled *Recommended Setbacks for Human and Animal Waste Near Drinking Water Supply Wells and Intakes* (Michael Eggert, OEPA), and a presentation on the Clark County Dye-Trace Study (Heather Raymond, OEPA).

ATTENDANCE

Ohio EPA: Tom Allen (SCCGW Chair), Michael Eggert, Scott Hester, Bob Knipmeyer, Barb Lubberger, Heather Raymond
ODNR: Mike Hallfrisch, Chris Kasselmann, Sara Lynaugh
ODA: Bill Goodman
ODH: Rebecca Fuggitt
PUCO: Sue Daly
NRCS: John Armentano
USGS: Ralph Haefner

which they have been able to incorporate the recommendations into their rules or guidance.

Balanced Growth. OWRC proposed to the new Agency directors that the seven "critical issues" identified for Ohio's water resources be linked to balanced growth initiatives that are already being implemented around Ohio.

Storm Center Project. Potential funding from the Western Lake Erie Basin Committee may enable Toledo to be the first Ohio city to launch Storm Center. OWRC is still working to obtain sponsorship for Cleveland and Columbus.

Methods for Measuring SW/GW Interaction. Ralph Haefner provided a summary of the information that was presented to SCCGW in October 2006. The summary uses information from the USGS website (<http://water.usgs.gov/ogw/gwsw.html>) and a United Kingdom website (<http://www.hyporrheic.net>).

AGENCY UPDATES AND ANNOUNCEMENTS

Tom Allen, SCCGW Chairman:
Recommended Setbacks Report. On Wednesday, Mike Eggert and Craig Smith presented the report on *Recommended Setbacks for Human and Animal Waste Near Drinking Water Supply Wells and Intakes* to the Ohio Water Resources Council (OWRC). Council members suggested surveying the various agencies to determine the extent to

Ohio EPA, Division of Solid and Infectious Waste Management:

C&DD Rules. The division recently re-filed rules for fees to support ground water monitoring at Construction and Demolition Debris (C&DD) facilities.

C&DD Leachate Monitoring. The division is spending \$80,000 to sample leachate from 30-50 C&DD sites.

Ohio Department of Health:

Rescission of Sewage Rules. The sewage treatment system rules that became effective on January 1st, 2007 have been rescinded by Amended Substitute House Bill 119. The bill also suspended operation of most portions of ORC Chapter 3718, the sewage law, until July 1, 2009. Until then, "interim sewage rules" adopted by the Public Health Council on July 25, 2007, provide minimum standards that are equivalent to the previous 1970s-era standards. A more detailed discussion can be found on ODH's website at <http://www.odh.ohio.gov/odhPrograms/eh/sewage/sewage1.aspx>.

Staff. Jean Caudill is resigning, effective September 14th.

Ohio EPA, Division of Drinking and Ground Waters:

Ground Water Modeling Guidance. DDAGW is revising Chapter 14 of the *Technical Guidance Manual for Hydrogeologic Investigations and Ground Water Modeling*. Copies were recently e-mailed to SCCGW members for review. Two more revised chapters will be sent out for review in September. Comments should be forwarded to Jeff Patzke, DDAGW.

Ohio Department of Agriculture:

Ethanol Plants. Twelve new ethanol plants are planned for Ohio.

Ohio Department of Natural Resources, Division of Water:

Drought. Half of Ohio is experiencing severe drought and the other half mild drought, with the worst conditions in southern Ohio. Ground water

levels are lower than average but have not reached record lows.

Hellbranch Run Study (GW/SW Interaction). Four monitoring wells have been installed 12-17 feet deep at the site. The team wants to install three more wells, but drilled two dry holes just a few feet from Hellbranch Run and needs to locate some new sites.

Discharge measurements taken by USGS along Hellbranch Run indicate that it is gaining in some reaches, but not gaining in others. Also, temperature probes in the wells reveal a definite temperature gradient.

U.S. Geological Survey:

Budget. The federal fiscal year starts October 1st, so the Survey is working on a new budget. USGS has been offered additional federal funds, probably related to increasing concern over climate change.

Reorganization. The Survey is being reorganized again, this time into "Geographic Areas of Responsibility" (GARs).

Ground Water Standards. Both Ralph Haefner and Rod Sheets are participating on a national Subcommittee on Ground Water developing ground water standards that will facilitate data sharing and analysis among the many agencies nationwide that collect ground water data. These standards are not intended to be used for regulation.

WMAO Conference. The Water Management Association of Ohio (WMAO) will hold its fall conference on November 14-15 at the Midwest Conference Center. The theme is "Water Is Trendy".

Ohio Floodplain Conference. The Ohio Floodplain Conference is scheduled for Wednesday and Thursday of next week, at the Embassy Suites in Dublin. OSU professor Lonnie Thompson is keynote speaker on Wednesday, addressing climate change. Members interested in attending this conference should contact Alicia Silverio (ODNR) at 614-265-1006 or alicia.silverio@dnr.state.oh.us.

New Publication. The Survey recently published *The Association of Arsenic with Redox Conditions, Depth and Ground-water Age in the Glacial Aquifer System of the Northern United States*, Scientific Investigations Report 2007-5036, by Mary Ann Thomas.

MCD. The Survey is working with the Miami Conservancy District (MCD) on enabling two of MCD's monitoring wells to send data telemetrically to the Internet. This will allow data to be viewed in real time on a Web page.

Training. USGS will be offering a course in Cape Cod this fall on Use of Temperature as a Tracer of Surface/Ground-Water Interactions. Class dates are October 15-19, 2007 and registration deadline is August 30, 2007. Non-USGS staff may attend on a space available basis, at a cost of \$720. For more information, contact Rodney Sheets at 614-430-7710 or rasheets@usgs.gov.

Natural Resources Conservation Service:

Staff. The new Assistant State Conservationists for Field Operations are:

- Findlay (Area -2) Deb Berger - Formerly the DC in Wayne County
- Medina (Area -1) Tomika Johnson - Formerly the Outreach Coordinator in the State Office

New RC&D Coordinators:

- Deba Mohler - Heart of Ohio RC&D- Delaware
- Mike Patterson - Erie Basin RC&D - Norwalk

Current Openings:

- Resource Conservationist - State Office
- District Conservationist - Wooster
- District Conservationist - Norwalk

PRESENTATIONS

Michael Eggert (OEPA-DDAGW) gave a presentation on *“Recommended Setbacks for Human and Animal Waste Near Drinking Water Supply Wells and Intakes”*

Heather Raymond (OEPA-DDAGW) gave a presentation on *“Clark County Dye-Trace Study”*

NEXT SCCGW MEETING

The next meeting will be on October 18 at the Horace Collins Conference Center. Potential presentations for the October meeting include the following topics:

- USGS and Ohio EPA-DDAGW presentation on arsenic
- Concepts associated with the C&DD rule development (Ohio EPA)
- Hellbranch Creek GW/SW interaction study (USGS and ODNR)

REMINDER: Meeting agendas and final meeting summaries will be posted on the SCCGW Web site: www.epa.state.oh.us/ddagw/SCCGW/index.html