

STATE COORDINATING COMMITTEE ON GROUND WATER

Ohio Environmental Protection Agency
1800 WaterMark Drive
Columbus, Ohio 43215-1099

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

Ohio Department of Transportation
25 South Front 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

November 13, 1997
Ohio EPA
1600 WaterMark Drive
Conference Room 3A

ABSTRACT

The November 13th meeting was devoted to agency updates and announcements, Work Group updates, and a presentation on Source Water Assessment Program development.

ATTENDANCE

OEPA: Michael Baker, Barb Lubberger, Valerie Orr
ODNR: Mike Hallfrisch, Bob Van Horn
ODA: Larry Berger
ODH: Rebecca Petty
USGS: Jeff deRoche
PUCO: Sue Daly
Visitor: Ned Pennock

OCTOBER MEETING SUMMARY

The October meeting summary was approved as written.

Note: Ned Pennock provided some clarifications regarding the Ground Water 2000 information management system, which was described in the SCCGW September 18th meeting summary. The first paragraph on page 5 of that meeting summary should read as follows:

Ned spoke in most detail about goal (1). The Program interviewed six firms interested in developing the information management system (IMS), and ultimately selected CH2M-HILL. The Groundwater 2000 IMS will be a Web-based system that will eventually be linked to a GIS. The IMS will include a new database that will consist of several different

components. Water level and document management applications are currently being developed. Groundwater quality, precipitation, and river stage applications are planned to be developed in the future. Based on input received from the Groundwater 2000 Liaison Committee and Technical Committee, data reliability and how the data are accessed are two primary challenges that need to be addressed. It is likely that the IMS database will both link directly to external databases as well as consist of data that have been periodically uploaded into the database. In either case, users will be able to pose a general question and receive a query form in response, on which they will be able to enter the question in a format the IMS can recognize and respond to.

PRESENTATION ON SOURCE WATER ASSESSMENT PROGRAM DEVELOPMENT

Michael Baker briefly discussed some of the issues that must be addressed to develop a Source Water Assessment program for the State of Ohio. They include: how to conduct assessments for various types of public water systems; enabling public participation; and data management. The Division is faced with the prospect of soliciting detailed hydrogeologic and contaminant source information from over 5,000 public water systems, verifying the information and entering it into an electronic database, and then making it all available to the public in an accessible and easy-to-understand format--all within about five years.

These issues will be the focus of a series of Technical Advisory Committee meetings to be held throughout the first half of 1998. The first of these meetings will be held **December 9th** at Blacklick Metropolitan Park; prospective TAC members will receive notices soon. This meeting will include an outline of everything that needs to be done; a timeframe for completion; discussion of how the TAC will proceed; and a discussion of Public Participation. The Safe Drinking Water Act (SDWA) Amendments instruct the State to also seek public input in the form of a Public Advisory Group (PAG), which should include a broader range of stakeholders and interested citizens. Suggestions for forming and proceeding with a PAG will be solicited from TAC members. An initial meeting of the PAG is planned for January.

Intended Use Plan (IUP): Ohio EPA also is obliged to submit an Intended Use Plan to U.S. EPA, to explain how it plans to use the SDWA-authorized federal funds that have been allocated to the State of Ohio during federal fiscal year 1998. A public meeting to present this IUP will be held **November 20th, 7:00 PM** at Ohio EPA (1800 WaterMark, Conference Rooms 1A and 1B). A copy of the IUP can be obtained by contacting Monica Hogan at Ohio EPA (614-644-2752).

AGENCY UPDATES AND ANNOUNCEMENTS

PUCO, Sue Daly announced:

- 1.) Commissioner Johnson is retiring at the end of the month.

ODA, Pesticides Section, Larry Berger announced:

- 1.) The computer and software are in place for the Agency's Global Positioning System (GPS). Larry is still working on installing the antenna tower for the base station. He is scheduled to go before the City of Reynoldsburg soon to apply for a building permit.

ODNR, Division of Geologic Survey, Bob Van Horn announced:

- 1.) The Division Chief and Program Managers met with staff from the State Surveys of Illinois and Indiana last week to discuss a project to map the glacial and other unconsolidated sediments in the Great Lakes region. A White Paper will be issued discussing what this project will involve. After that, a pilot project will be initiated, probably in northwest Ohio.
- 2.) Division staff recently manned an exhibit at the Ohio Aggregates Association convention.
- 3.) Division staff recently attended the fifth annual Canton Technical Symposium; four staff presented technical papers.
- 4.) A new GeoFacts has been issued, entitled "Fossil Collecting in Ohio". [Bob distributed copies].

ODH, Rebecca Petty announced:

- 1.) Draft legislation on the Private Water Systems Program is still with the Legislative Services Commission. The committee is preparing to conduct a massive public education campaign with constituent groups. The committee still hopes to get the legislation introduced and passed during this legislative session.
- 2.) The Agency is continuing to assist with the investigation of a leukemia cluster in the City of Marion. They are determining how many of the affected families were using private wells for drinking water. Depending on the outcome of this survey, ground water monitoring may be initiated in cooperation with Ohio EPA.

OEPA, Division of Drinking and Ground Waters, Michael Baker announced:

- 1.) Staff changes:
 - **Jenny Tiell** will become Assistant Director at Ohio EPA, a position that has been vacant for over a year.
 - Jenny's current position, Deputy Director of Programs, will be divided into two positions: Water Programs and Waste Programs. Starting November 10th, **John Sadzewicz** has agreed to fill the position of Deputy Director of Water Programs for about 18 months; he will oversee the Divisions of Surface Water and Drinking and Ground Waters. **Barb Brdicka** will become Deputy Director of Waste Programs, overseeing the Divisions of Hazardous Waste Management, Solid and Infectious Waste Management, Air Pollution Control, and Emergency and Remedial Response.
 - **Kirk Leifheit** will be Acting Chief of DDAGW during John's reassignment.

- The DSW Chief position will be posted. In the meantime, DSW managers will report to John Sadzewicz.
- 2.) A revised Wellhead Protection Fact Sheet is now available. Information from the 1994 Fact Sheets--"What Is Wellhead Protection?" and "Wellhead Protection: Getting Started"--has been combined in the 1997 revision. [Mike passed out copies.]
 - 3.) Ohio EPA will be moving to the Lazarus Building in downtown Columbus, opposite City Center. The State Controlling Board has approved financing for rehabilitating the building. The projected move date is December 1998.

OEPA, Division of Drinking and Ground Waters, Val Orr announced:

- 1.) The Underground Injection Control (UIC) program, which is housed in the Division of Drinking and Ground Waters, has been assisting with developing federal regulations for Class V wells (structures that introduce fluids into the shallow subsurface--such as drainage wells, septic leachfields, cesspools, etc.). Under proposed regulations, new cesspools and Class V wells at commercial automotive service facilities will be banned in ground water-sourced Source Water Protection areas. Also, industrial Class V wells in ground water-sourced Source Water Protection areas will be required to meet Maximum Contaminant Levels at the point of injection. Val passed out copies of three brochures published by the UIC program: "Agricultural Drainage Wells", "Storm Water Drainage Wells", and "Class V Industrial Disposal Wells".

USGS, Water Resources Division, Jeff deRoche announced:

- 1.) The Division recently printed a brochure titled "Ground Water Resources in the Vicinity of Cortland, Trumbull County, Ohio". [Jeff passed a copy around the table.]
- 2.) The Division is working with the City of Cincinnati's Bolton wellfield to study induced infiltration through the Great Miami River streambed.
- 3.) The USGS has taken some steps to make its contributions to science and policy-making better recognized by the general public. Some image-enhancing steps include changing the logo (to a stylized wave) and constructing a motto: "Science for the public interest". Also, the name of the agency has been changed from "U.S. Geological Survey" to simply "USGS".

WORK GROUP UPDATES

Well Construction Work Group

Rebecca Petty reported that members are continuing to draft their respective chapters, and some have already submitted their drafts. Issues that have arisen in the process are engineering specifications for vertical closed-loop heat pumps and geothermal systems. The group will meet in early December to discuss the write-ups. At this time, they hope to finalize the document by April 1998.

Rebecca asked SCCGW members if they felt the final document should include detailed guidance on recommended methods and test procedures, or if it should simply refer the reader to already existing guidance manuals. The group agreed that the Well Construction document should be kept relatively brief, and that it would therefore be better to reference this type of guidance.

State Management Plan for Pesticides (SMP)

Larry Berger reported little change since the last SCCGW meeting. The mapping of vulnerable areas is nearly complete, and USGS has submitted a draft report on the mapping effort. A workgroup meeting was scheduled for November 13 (following the SCCGW meeting).

DECEMBER AGENDA

The December meeting was originally scheduled for December 18th. After adjournment of this meeting, the participants were surveyed, and it was decided to cancel the December meeting due to the many holiday conflicts. The next SCCGW meeting will be held January 15th at ODNR, Building D, third floor. (Building D is located directly south of Building E, where the Divisions of Water and Soil and Water Conservation are located.)

HAND-OUTS

- 1.) U.S. EPA Fact Sheet on “State Source Water Assessment and Protection Programs Guidance
- 2.) DSW Policy Update #97-21, November 7, 1997
- 3.) Ohio EPA Fact Sheet: “Wellhead Protection: What It Is and How to Get Started”
- 4.) GeoFacts No. 17: “Fossil Collecting in Ohio”
- 5.) Ohio EPA brochure: “Agricultural Drainage Wells”
- 6.) Ohio EPA brochure: “Storm Water Drainage Wells”
- 7.) Ohio EPA brochure: “Class V Industrial Disposal Wells”

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January 15, 1998
ODNR - Fountain Square
Building D, 3rd Floor Conference Room

(Tentative Agenda)

- 8:30 - 8:35 am CALL TO ORDER
-Introductions
- 8:35 - 8:40 am NOVEMBER MEETING SUMMARY
- 8:40 - 9:15 am PRESENTATION on Ohio Water Council
- 9:15 - 10:20 am AGENCY UPDATES AND ANNOUNCEMENTS
-Legislation/Rules/Policies
-Program Developments/Organizational Changes/New Hires
-Miscellaneous
- 10:20 - 10:30 am BREAK
- 10:30 - 10:45 am WORK GROUP UPDATES
- 10:45 - 10:55 am MISCELLANEOUS
- 10:55 - 11:00 am FEBRUARY SCCGW MEETING AGENDA
- 11:00 am ADJOURN