

STATE COORDINATING COMMITTEE ON GROUND WATER

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Lazarus Government Center
Columbus, Ohio 43215-1049

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Columbus, Ohio 43224-1387

Ohio Department of Health
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8895 East Main Street
Reynoldsburg, Ohio 43068

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

February 17, 2000
ODNR Repository, Horace R. Collins Laboratory
Delaware, Ohio

ABSTRACT

The February 17, 2000 meeting was devoted to updates and announcements, and continued discussion of ground water issues that need to be prioritized and addressed by SCCGW over the next year or two.

ATTENDANCE

BUSTR: Charles Zepp

ODA: Larry Berger

ODH: Rebecca Petty

ODNR: Mike Hallfrisch, David Hanselman, Scott Kell, Rick Pavey

OEPA: Tom Allen, Kristy Hunt, Julio Perez, Heather Raymond

PUCO: Sue Daly

USGS: Jeff de Roche, Ralph Haefner

JANUARY MEETING SUMMARY

Workgroup Updates: I. 319 Work Group/Screening Committee: The statement in this section “The 2001 319 call for proposals should go out no later than February 2000 with a deadline of project proposals to be submitted within April 2000.” has been revised to “The 2001 319 call for proposals will go out on March 2, 2000 with a deadline date of May 31, 2000 for proposal submittals”. Also in this section, Mike Hallfrisch was incorrectly quoted as saying “ODNR has expanded their 319 Core Funding to include the 3-D Surficial Mapping Project”, this statement has been removed.

AGENCY UPDATES AND ANNOUNCEMENTS

Ohio EPA, Division of Surface Water, Julio Perez announced:

- 319 RFP call for proposals will be sent out on March 2nd, 2000 for year 2001 NPS Projects. The Division of Surface Water has sent USEPA Region V the year 2000 competitive projects for their review.

U.S.G.S, Water Resources Division, Jeff de Roche announced:

- The USGS is re-organizing at the top and has re-assigned the heads of the individual Divisions, there now are Regional Directors of the western, southern and eastern sections. This re-organization is to help USGS to be more integrated and organized.

- Attended ODNR meeting with the City of Delphos, this meeting could provide a model for others dealing with similar dewatering issues in the future.

- Jackson County Arsenic; Jackson has come up with some funding, USGS is still looking for other funding sources. Kristy Hunt suggested USGS contact Dina Lopez a Hydro-Geochemist with Ohio University's Department of Geology to see if she is interested in participating in the project and could possibly assist with finding other sources of funding.

U.S.G.S, Water Resources Division, Ralph Haefner announced:

- Ralph is participating in a research project dealing with the Land Application Uses of Dry Flue Gas Desulfurization (FGD) By-Products. Please see attachment to hard copy mailing of February draft SCCGW notes. This study is looking at the benefits of applying dry (FGD) to abandoned coal mines to relieve Acid Mine Drainage (AMD). Presently the primary disposal for this product is in landfills. Funding for this project has been received from: Department of Energy (Emissions Control Byproducts Consortium-administered through West Virginia University, ODNR Division of Mining and Reclamation, Ohio Minelands Partnership, and USGS Cooperative match. The USGS is in a contract with West Virginia University on this project. Ohio State University has been publishing most of the project results.

Ohio Department of Natural Resources, Division of Water, Mike Hallfrisch announced:

- ODNR held a public meeting near Indian Lake regarding the potential conflict between Amanda Township and the City of Delphos proposed wellfield. The meeting went well, 50 people attended including the Mayor of Delphos, City Council members and 6 or 7 citizens from Amanda Township. ODNR is in the process of preparing a report.

- The City of VanWert has reported they have a 90 day supply of water in their reservoir. Two wells pump into the reservoir, one of these wells may have interfered with local residential wells a few years ago. ODNR will assist VanWert with monitoring needs to help evaluate the suggested interference of the wells.

Ohio Department of Natural Resources, Division of Soil & Water, David Hanselmann announced:

- The NonPoint Source Management Program draft document went out a few weeks ago. Presently addressing comments and briefing ODNR's Director. This will go to Washington as a joint document with ODNR and Ohio EPA.
- ODNR hopes to use 319 funding with their match to hire full-time Watershed Coordinators to work at the local level. The Watershed Coordinators will help to create the local buy-in needed to implement local watershed programs.
- ODNR's Division of Soil and Water is hiring 5 Professional Engineers to assist with Conservation Districts around the state. Conservation Reserve Enhancement Program in Lake Erie held a bargaining session with USDA to review the Program Proposal, hopefully it will go to the USDA Director for federal approval and then will go to Governor Taft for state approval.
- The Division is proposing to digitize soils county by county but there are issues to be addressed in reference to funding. This is approximately a 4 million dollar initiative to occur over a 6 year period. ODNR is providing 2 million, NRCS is providing 1 million and there still is a need for other agencies to assist with the remaining 1 million dollars. Local match funds are also within this project.

State Fire Marshall, Bureau of Underground Storage Tanks Regulations, Charles Zepp announced:

- BUSTR is developing a new database that will be used for UST registration as well as enforcement issues. This user friendly database should be available by July 2000. Information provided in the database includes UST latitude and longitude GPS locations. BUSTR is now tracking sites where they find MTBE which is now required to be tested for within the new rules. The new database should be fully functioning by July 2001.

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

- The next area (Canton, Ohio) to under go 1:100,000 Reconnaissance Level 3-D Surficial Mapping will be started this fall after the completion of the current 3-D Surficial Mapping effort (Cleveland, Ohio), which should be available this fall.
- The Central Great Lakes Surficial Mapping Coalition will start this summer, the Huron River Area along Lake Erie will be the Pilot Area for detailed 3-D Surficial Mapping.

ODH, Bureau of Local and Environmental Services, Rebecca Petty announced:

- The Ad Hoc Committee for the proposed Household Disposal System Rules have provided their comments to ODH on the first draft of the rules. ODH is now meeting with local health

districts on the proposed rules. Local health districts will have a lot of training issues involved with the new rules. ODH has not yet received Ohio EPA comments on the proposed rules.

- Private Water System Rules: An educational effort is being done to bring drillers and local health districts up to speed on the new Private Water System Rules. A suggestion was made to provide educational material to home owners to educate them on what to look for when hiring a driller.

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

- Attended a presentation given by Marathon/Ashland to several Ohio EPA Programs that discussed the proposed pipeline from the Marathon/Ashland plant in Kentucky, near the southern tip of Ohio, to the Marathon/Ashland Terminal located on Wilson Road on the southeastern side of Columbus.

- Ohio EPA is continuing to work on its Strategic Management Plan. When the plan is finalized it will be shared with SCCGW members.

- The March 16, 2000 SCCGW meeting will be held at Ohio EPA's Central Office in the Lazarus Government Center. Ohio EPA DDAGW/GIS staff will provide a presentation on the GIS applications within the Ohio Source Water Assessment Program. It is an excellent opportunity for other Agencies to see how Ohio EPA has utilized available statewide information within the Ohio Source Water Assessment Program. Ohio EPA will be inviting their Director and other Agencies are encouraged to invite their Administration as well as any other staff members working with data management or GIS applications. The scheduled meeting room will accommodate a large group. SCCGW members are asked to inform Kristy Hunt of the number of additional staff members that will be joining them at the March 16th meeting.

Ohio EPA, Division of Drinking and Ground Waters, Kristy Hunt and Heather Raymond announced:

- Ohio EPA GIS staff have developed an ArcView Script that utilizes the Volumetric Flow Equation to derive alternative shapes that can be applied within certain Source Water Assessment Area delineations. Ohio EPA may be demonstrating the ArcView Script at the October Midwest Ground Water Conference.

- SWAP staff have been evaluating two Analytic Element Models, WhAEM and GFLOW, for their use within SWAP delineations. Part of this review has been evaluating WhAEM and GFLOW modeling results to those of previously approved Wellhead Protection modeled areas.

Public Utilities Commission of Ohio, Sue Daly announced:

- Public Announcements concerning the recent rains and the impacts of the 1999 Drought do not seem to be effective in representing the "Big Picture", contrary to reports the outlook does not seem that great when you hear VanWert has a 90 day supply of water in their reservoir.

- The PUCO Director has resigned and there is a nationwide search to fill the position. The Ohio-American Staff Report of Investigation, based on Ohio American Water's request to have 42 acres of their Marion District included in rate base as a wellhead protection area, has not been released so there is no report on the inclusion of land used for wellhead protection in rate base.

- Asked for an update on the status of the Ohio Water Resource Council. David Hanselman provided that a letter should be sent out fairly soon with regards to the Ohio Water Resources Council. An annual meeting of Agency Directors discussed the Water Resources Council, SCCGW was used as a model in this discussion.

Ohio Department of Agriculture Larry Berger announced:

- ODA is getting ready for the 2000 Pesticide Disposal Program and will be conducting collections within each Ohio county 1 more time. The 2000 collection will be targeting the entire eastern part of Ohio, there will be 3 collections a week in this area. Attended an Ohio EPA Division of Solid and Infectious Waste Management meeting for Ohio Solid Waste Districts.

- Container Disposal Program is starting up again. ODA is working with dealers to help them recognize the practicalities of the program. The 1999 Container Disposal Program collected 45,000 pounds of containers. ODA is seeing 20% of containers being recycled.

- Pesticide Management Plan, presently sampling wells on Grade A dairy farms hoping to have 50 wells sampled by June 2000. USGS is conducting a NAQWA project within the Dayton area that coincides with the Pesticide Management Plan efforts, a contract may be possible between USGS and ODA. The quality of scientific ethic that the USGS applies to their projects could provide excellent data for questions that ODA may be dealing with in the future. A letter asking for signatures on the Pesticide Management Plan was sent from ODA to ODH, ODNR, and OEPA Agency Directors. Ohio EPA would like to have a summary of the Pesticide Management Plan for their Director to review.

Ohio Department of Natural Resources Division of Oil & Gas Scott Kell announced:

- Information on 110,000 oil and gas wells (construction records, major formations, oil and brine production, etc.) will be made electronically available through ODNR's web page. An announcement on the availability of this information will be made within the near future. Please review the information and provide comments.

Featured Presentation: Ralph Haefner of the USGS/Water Resources Division provided a presentation on the Ohio EPA Section 319(h) NonPoint Source Program "Ground Water Database Proposal". The presentation outlined the proposed 3-year project to develop a computer database that describes all available ground-water-related data sets in Ohio. The database will be designed

to contain metadata information only and will be available on the Internet to serve the general public. A copy of the presentation overheads as well as two handouts provided at the presentation will be attached to the hardcopy mailing of the February SCCGW meeting notes.

Comments received on the presentation include:

- The suggested stakeholders to be used for the development of the database should be expanded to include individuals from the local municipal level. These individuals work on a more local scale than state agencies and may be able to provide valuable insight on the development of the database that would further assist the usefulness of the database for the general public.
- This database could be valuable for sharing information among state agencies as well as for the general public such as those involved with watershed groups, etc. to be able to find out the types of information an agency has available, the form the information is in and how to access it.
- It would be beneficial to someday also include Surface Water Databases to this effort.
- Do we want to embark on this before we identify our needed data gaps?
- Data collection efforts such as this have been identified as a 319 funding priority.

WORKGROUP UPDATES

I. 319 Work Group/Screening Committee:

The next 319 Call For Proposals will go out on March 2, 2000. Presently considering language for statewide ground water priority projects. In the next call for proposals, a broad statement will be used for evaluating local ground water projects based on language in the 1999 NonPoint Source Management Guidance. It was suggested that SCCGW members have more communication between their Agency representatives to the 319 Selection Committee in order to give them more of an emphasis on 319 Ground Water Priorities. A compiled list of Ohio Universities offering programs in ground water resources will be used to distribute the upcoming 319 call for proposals.

II. Midwest Ground Water Conference Workgroup

- Mike Hallfrisch announced: The call for abstracts has been finalized and a copy will be sent with the next SCCGW mailing. The revolving conference money has not yet been received by ODNR from Minnesota (the last host state). Once this funding has been received the call for abstracts can be mailed out. The call for abstracts will be printed in ODNR's Monthly Water Inventory Report. The next meeting for the MWGWC planning committee will be on February 25th.

- Kristy Hunt passed out a list of addresses and contact names of Ohio Colleges offering programs in ground water resources. This list will be used in the mailing of abstract requests for the Midwest Ground Water Conference. The list will also be used for mailings

involved with the upcoming WMAO conference. Please provide any comments on this list to Kristy Hunt. Ohio EPA DDAGW will be compiling the Midwest Ground Water Conference web page. The address for the web page www.epa.state.oh.us/ddagw/mwgwc.html has been placed on the call for abstracts and will be used to provide important information on the upcoming conference. The web page will be available as soon as possible.

II Well Construction Document

- No update on the Guidance Document. Ohio EPA DDAGW's Well Construction Workgroup will be internally looking at other wells to see how they relate to Ohio EPA rules.

HAND-OUTS

- (1) Overheads and related attachments for the presentation given by Ralph Haefner on the Ground Water Database Proposal.
- (2) List of Ohio Colleges, addresses and contact names for University Departments offering programs in ground water resources.

MARCH AGENDA

The meeting will be held at Ohio EPA Lazarus Government Center, 8:30 to 12:00 AM. The meeting will include Agency updates and further discussion of SCCGW Workgroup activities and a presentation by Ohio EPA DDAGW/GIS staff on the applications of GIS within the Ohio Source Water Assessment Program.

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March 16, 2000
Ohio EPA/Lazarus Government Center
Conference Room A, 5th Floor

8:30 - 10:00 am PRESENTATION: GIS APPLICATIONS WITHIN THE OHIO SOURCE WATER ASSESSMENT PROGRAM, Ohio EPA DDAGW/GIS staff.

Break

10:15 - 10:20 am CALL TO ORDER

10:25 - 10:30 am FEBRUARY DRAFT MEETING SUMMARY

10:30 - 11:45 am AGENCY UPDATES AND ANNOUNCEMENTS

- Legislation/Rules/Policies
- Program Developments/Organizational Changes/New Hires
- Miscellaneous
- Workgroup Updates
 - Ground Water Strategy
 - Midwest Ground Water Conference Planning
 - 319 NonPoint Source
 - Evaluating and establishing SCCGW Priorities
 - Call for proposals and ground water application forms

11:45 - 12:00 am NEXT SCCGW MEETING AGENDA

12:00 am Adjourn

