

**TEXAS GROUNDWATER PROTECTION COMMITTEE  
 RECORD OF MEETING  
 Fourth Quarterly Meeting, Fiscal Year 2006**

Meeting Date: July 26, 2006  
 Meeting No.: 69

Place: TCEQ Campus, Bldg F  
 Room: 2210

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**MEETING ATTENDANCE**

Committee Members

Mary Ambrose

Robert Mace

Bill Renfro

Ken Ofunrein

Richard Eyster

Richard Egg

Barry Miller

C. Allan Jones

Bridget Scanlon

Lee Parham

Affiliation

Texas Commission on Environmental Quality (TCEQ)

Texas Water Development Board (TWDB)

Railroad Commission of Texas (RCT)

Department of State Health Services (DSHS)

Texas Department of Agriculture (TDA)

Texas State Soil and Water Conservation Board (TSSWCB)

Texas Alliance of Groundwater Districts (TAGD)

Texas Agricultural Experiment Station (TAES)

Bureau of Economic Geology (BEG)

Texas Department of Licensing and Regulation (TDLR)

Agency Staff

Bruce Lesikar

Abiy Berehe

Cary Betz

Chris Chandler

Al Cherepon

Frank Fuller

Peggy Hunka

Isaac Jackson

Kathy McCormack

Steve Musick

Joe Peters

John Williams

Janie Hopkins

Affiliation

Program

Texas Cooperative Extension (TCE)

TCEQ Water Supply Division

TCEQ Water Supply Division

TCEQ Remediation Division

TCEQ Water Supply Division

TCEQ Water Programs

TCEQ Water Supply Division

TCEQ Intergovernmental Relations

TCEQ Water Supply Division

TCEQ Water Supply Division

TCEQ Water Supply Division

TCEQ Environmental Law Division

TWDB

Interested Parties

Naila Ahmed

Mary Etter

Jim O'Connor

Ann Ardis

Lynne Fahlquist

Affiliation

Lower Colorado River Authority (LCRA)

LCRA

San Antonio Water System (SAWS)

United States Geological Survey (USGS)

USGS

## MEETING HANDOUTS

1. Agenda for Texas Groundwater Protection Committee meeting on July 26, 2006
2. Record for Texas Groundwater Protection Committee meeting on April 20, 2006
3. Agricultural Chemicals Subcommittee – Report for meeting on July 26, 2006
4. Summary of TGPC Public Outreach and Education Subcommittee Meetings, May 24, 2006 and July 13, 2006
5. Draft Report to the 80th Legislature – TGPC POE Subcommittee Accomplishments List
6. Texas Groundwater Protection Committee, Title 31 – Natural Resources and Conservation, Chapter 601 – Groundwater Contamination Report, Revised Rule Review Plan
7. Texas Groundwater Protection Committee, Title 31 – Natural Resources and Conservation, Chapter 601 – Groundwater Contamination Report, Rules Revision Adoption
8. Texas Groundwater Protection Committee, Title 31 – Natural Resources and Conservation, Chapter 601 – Groundwater Contamination Report, Quadrennial Review & Readoption
9. Draft Report to the 80th Legislature, Activities of the Texas Groundwater Protection Committee, Table of Contents
10. Draft Report to the 80th Legislature, Activities of the Texas Groundwater Protection Committee, Draft Recommendations
  - A. Disposal/Use of Desalination Concentrate and Drinking Water Treatment Residuals (Ambrose)
  - B. Evaluation the Characteristics of Concentrate Resulting from Desalination and Drinking water Treatment (Ambrose)
  - C. Conversion of State Water Well Reports to Electronic Format/Database (Musick)
  - D. On-Farm Agricultural BMP Incentives through Creation of a Water Conservation Plan Program (Egg)
  - E. Brush Control Funding to Increase Groundwater Yield (Egg)
  - F. High Quality Groundwater Data (Mace)
  - G. Groundwater Availability Modeling (Mace)
  - H. Groundwater Management Areas (Mace)
  - I. Real-time Water Levels (Mace)
  - J. Groundwater Quality Education Programs (Lesikar)
  - K. Abandoned Water Well Plugging Fund (Gunn)
  - L. TWDB Municipal Water Conservation Programs (Mace)
  - M. Irrigation Training Program for Texas Agricultural Procedures (Jones)
  - N. Panhandle AgriPartners Program (Jones)
  - O. Improving Plant Water Use Efficiency (Jones)
  - P. Sustainable Water for Rural Communities (Jones)
  - Q. Improve/Expand Public Use of Evapotranspiration Network (Jones)
  - R. Impact of Dryland Agriculture on Groundwater Resources in the Texas High Plains Aquifer (Scanlon)
  - S. Impact of Irrigation on Groundwater Resources in the High Plains Aquifer (Scanlon)

11. Drought 2006 – Public Water Supply Systems Affected as of July 1, 2006
12. Texas Public Water Systems Limiting Water Use to Avoid Shortages
13. TCEQ Rulemaking Activities
14. Environmental Protection Agency (EPA) Fact Sheet: Concentrated Animal Feeding Operations, Proposed Rulemaking, June 2006
15. 2006 – 2007 Water-related Conferences in Texas
16. Announcement for Ground Water Protection Council 2006 Annual Forum, Ground water Awareness: A Call to Action, September 30 – October 5, 2006, Miami, Florida
17. Joint Groundwater Monitoring and Contamination Report – 2005, TCEQ publication SFR-056 (July 2006),  
[http://www.tceq.state.tx.us/comm\\_exec/forms\\_pubs/pubs/sfr/056\\_05\\_index.html](http://www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/sfr/056_05_index.html)

## **MEETING RECORD OF JULY 26, 2006**

### **1. CALL TO ORDER AND INTRODUCTIONS**

Mary Ambrose, Designated Chair of the Texas Groundwater Protection Committee (TGPC), called the meeting to order at approximately 1:06 PM CDST.

### **2. SUBCOMMITTEE REPORTS**

#### **Agricultural Chemicals**

The Agricultural Chemicals Subcommittee held its FY 2006 fourth quarter meeting on July 26, 2006, chaired by Steve Musick (TCEQ).

There were no task force meetings in the last quarter. TWDB reported on their ongoing aquifer sampling program with a focus on the Carrizo-Wilcox aquifer. TCE reported several water program presentations in the last quarter for their outreach program. TDA reported that there was no new information or update regarding the Environmental Protection Agency's (EPA's) review of pesticides related to endangered species in Barton Springs, Austin, Texas.

The Subcommittee heard a presentation by Al Cherepon (TCEQ) updating the members on this year's (fiscal year 2006) pesticide sampling and analysis efforts. The efforts included TCEQ Immunoassay (IA) analysis of TWDB groundwater samples to date, groundwater sample collection at public water supply wells, and some private wells in the Panhandle area. Analytical results have been completed for IA analysis and LCRA lab analysis. Results are still pending for analyses of atrazine and metolachlor degradates at TAES. Results and a complete report will be provided at the next Agricultural Chemicals Subcommittee meeting.

There were no business items on the agenda. Members heard an update on the Interagency Pesticide Database (IPD) from Joe Peters (TCEQ). The IPD has been updated with pesticide analyses collected through December 2004. A report is under preparation to summarize the database and the results. The members also heard an update on Interim Reregistration Eligibility Decision (IRED) monitoring for atrazine from Ed Baker (Syngenta). No concentration triggers were exceeded in the last three years of monitoring.

#### **Data Management**

Cary Betz (TCEQ) reported that the Data Management Subcommittee did not meet this quarter. The Subcommittee has entered into a contract with Geo-Technology Research Institute (GTRI) based in Houston and, among other tasks, they will facilitate portions of future Data Management Subcommittee meetings. Their main responsibility will be completing the second phase of the Groundwater Monitoring Strategy. The next Data Management Subcommittee meeting will be scheduled in August 2006.

## Public Education and Outreach

Bruce Lesikar (TCE) reported that the Public Outreach and Education (POE) Subcommittee met on May 24, 2006 and July 13, 2006. Between the two meetings, nine agencies and organizations were represented.

After the May 24th meeting, various Subcommittee members worked up specific educational outreach topics which were compiled into a draft Educational Outreach Plan. The draft Plan was reviewed at the July 13th meeting. A final version of this Plan should be complete and ready for review and approval by the main Committee by the end of this year.

A draft list of the POE Subcommittee's accomplishments was provided for review by the Committee. A summary of this list will be included in the upcoming *Activities of the Texas Groundwater Protection Committee – Report to the 80th Legislature (“Legislative Report”)*. In addition, a POE Subcommittee Recommendation for inclusion in the upcoming *Legislative Report* was discussed later in the meeting.

A TGPC booth at the TCEQ Environmental Trade Fair and Conference (May 9 – 11, 2006) was staffed by members from three agencies, and another TGPC booth is planned for the TCEQ Public Drinking Water Conference (August 15 – 16, 2006) where agency maps and publications will be distributed.

The next POE Subcommittee meeting is tentatively scheduled for September 19, 2006.

## Groundwater Research

Bridget Scanlon (BEG) reported that the Groundwater Research met earlier that day, July 26, 2006. The major topic of discussion was Recommendations for the *Legislative Report* (e.g., desalination and other research projects) which will be completed within the next three months. Also discussed were the action items needed to complete the white papers on the Seymour aquifer and desalination and Open Meetings training.

## Nonpoint Source Task Force

Richard Egg (TSSWCB) reported that the Nonpoint Source Task Force only meets in response to specific issues and it has not met in the last quarter. The TSSWCB submitted its 319(h) grant package to EPA last month and the Task Force is waiting on their comments. The joint (TSSWCB and TCEQ), annual report on Managing Nonpoint Source Pollution in Texas is now available at <http://www.tsswcb.state.tx.us/reports/2006/2005ar.pdf>.

Cary Betz (TCEQ) reported that TCEQ is requesting 319(h) grant applications for Fiscal Year 2007 funding from June 23 – August 23, 2006. The grant application packet is available at [http://esbd.tbpc.state.tx.us/1380/bid\\_show.cfm?bidid=65666](http://esbd.tbpc.state.tx.us/1380/bid_show.cfm?bidid=65666).

## Legislative Report

Frank Fuller (TCEQ) reported that the Legislative Report Subcommittee met on June 28, 2006. Discussion of the main topic of that meeting, Recommendations to the Legislature, was moved to later in the agenda under Report to the Legislature.

### 3. PRESENTATION

#### Texas Environmental Data System (TEDS) – Electronic Data Management System (EDMS)

Chris Chandler (TCEQ) gave a presentation to the Committee on the status of TEDS – EDMS. The system will include spatial, analytical, and geologic data. This data will be submitted electronically and checked for completeness and formatting. The system will be integrated with applications for visualization, mapping, and modeling of the data, and the data should be capable of being shared throughout TCEQ, other agencies, and with the public. The Request For Proposal (RFP) will be issued soon.

### 4. BUSINESS DISCUSSION AND POSSIBLE ACTION

#### Texas Groundwater Protection Strategy – Discuss Strategy Implementation Issues

Discussion of this topic was moved to later in the agenda under Report to the Legislature.

#### Rules Review – Discuss and Approve for Publication

Texas Government Code requires state agencies to review and consider for re-adoption each of their rules every four years. The review must include an assessment of whether the reasons for the rules continue to exist. Staff reviewed the Committee's rules in 31 TAC Chapter 601 and determined that the reasons for the rules continue to exist. Staff determination and the rule review were published for comment in the May 12, 2006, issue of the *Texas Register*. No comments were received. Barry Miller (TAGD) proposed, Robert Mace (TWDB) seconded, and all remaining Committee members agreed to re-adopt the rules.

#### Revisions to 31 TAC Chapter 601, Groundwater Contamination Report – Discuss and Approve for Adoption and Publication

Staff proposed amendments to 31 TAC Chapter 601.1 – 601.5. The purpose of the adopted amendments was to make grammatical and phrasing changes to conform with guidelines for drafting statutes and rules, to make changes in the current names of agencies, to correct legal citations, and to clarify what agencies are subject to the rules. The proposed rules were published for comment in the May 12, 2006, issue of the *Texas Register*. No comments were received. Mary Ambrose (TCEQ) proposed, Richard Egg (TSSWCB) seconded, and all remaining Committee members agreed to adopt the proposed amendments as originally published.

Revised Rule Review Plan – Discuss and Approve for Submission to the *Texas Register*

Texas Government Code requires state agencies to review and consider for re-adoption each of their rules every four years. The Committee has just completed its review and re-adoption for this quadrennium. The proposed plan calls for the Committee to review 31 TAC Chapter 601 and consider it for re-adoption in January 2010. Robert Mace (TWDB) proposed, Bridget Scanlon (BEG) seconded, and all remaining Committee members agreed to adopt the Revised Rule Review Plan.

Report to the Legislature – Progress Report, Discussion of Draft Recommendations Developed by the Legislative Report Subcommittee, Discussion of Draft Recommendations from the Committee Members and Subcommittee Chairs, and Discussion of Final Report and Recommendation Approval Process to be used at the Next Committee Meeting

Steve Musick (TCEQ) presented and reviewed the draft Table of Contents for the *Legislative Report*. The *Legislative Report* will be completed at the next Committee meeting and published before the next Legislature session begins – the goal is publication by the beginning of December 2006. Robert Mace (TWDB) announced that the TWDB will have finalized boundary changes to their major and minor aquifers maps by mid-November 2006, so the updated maps should be available for inclusion in the *Legislative Report*.

Frank Fuller (TCEQ) presented the draft Recommendations from the Committee members and Subcommittee Chairs, and each sponsor reviewed their Recommendation. Additional work will be performed on several of the Recommendations, and some may be consolidated. Frank Fuller (TCEQ) will send out an email identifying the Recommendation topics and their champions. Recommendation revisions are due to Frank Fuller (TCEQ) by August 18, 2006.

- A. Disposal/Use of Desalination Concentrate and Drinking Water Treatment Residuals (Ambrose) – Mary Ambrose (TCEQ) will try to consolidate, expand, or finalize this Recommendation under an overall Recommendation titled, “Regulatory Streamlining”, and include the research component of Recommendation B. Mary Ambrose (TCEQ) will also follow-up with Robert Mace (TWDB) to see if they have funds to pay for this research component and review the completed draft Recommendation with Leslie Savage (RCT).
- B. Evaluation the Characteristics of Concentrate Resulting from Desalination and Drinking water Treatment (Ambrose) – See Recommendation A.
- C. Conversion of State Water Well Reports to Electronic Format/Database (Musick) – No further work is needed.

- D. On-Farm Agricultural BMP Incentives through Creation of a Water Conservation Plan Program (Egg) – C. Allan Jones (TAES), Bridget Scanlon (BEG), and Richard Egg (TSSWCB) will try to consolidate, expand, or finalize this Recommendation under an overall Recommendation titled, “Agricultural Water Conservation”, which may be subdivided into two categories:
  - a. Program Implementation
  - b. Research to Support Future Efforts
- E. Brush Control Funding to Increase Groundwater Yield (Egg) – No further work is needed.
- F. High Quality Groundwater Data (Mace) – Robert Mace (TWDB) will try to consolidate, expand, or finalize this Recommendation under an overall Recommendation titled, “Resources to Implement Statutory Mandates”.
- G. Groundwater Availability Modeling (Mace) – See Recommendation F.
- H. Groundwater Management Areas (Mace) – See Recommendation F.
- I. Real-time Water Levels (Mace) – See Recommendation F.
- J. Groundwater Quality Education Programs (Lesikar) – No further work is needed.
- K. Abandoned Water Well Plugging Fund (Gunn) – Lee Parham (TDLR) indicated that they may modify this Recommendation slightly.
- L. TWDB Municipal Water Conservation Programs (Mace) – C. Allan Jones (TAES) and Robert Mace (TWDB) will try to consolidate, expand, or finalize this Recommendation under an overall Recommendation titled, “Municipal Water Conservation”.
- M. Irrigation Training Program for Texas Agricultural Procedures (Jones) – See Recommendation D.
- N. Panhandle AgriPartners Program (Jones) – See Recommendation D.
- O. Improving Plant Water Use Efficiency (Jones) – See Recommendation D.
- P. Sustainable Water for Rural Communities (Jones) – See Recommendation L.
- Q. Improve/Expand Public Use of Evapotranspiration Network (Jones) – See Recommendation D.
- R. Impact of Dryland Agriculture on Groundwater Resources in the Texas High Plains Aquifer (Scanlon) – See Recommendation D.
- S. Impact of Irrigation on Groundwater Resources in the High Plains Aquifer (Scanlon) – See Recommendation D.

#### Set Future Meeting Dates

The next TGPC meeting is tentatively scheduled for October 18, 2006 at 1:00 PM CDT. The next Legislative Report Subcommittee meeting is tentatively scheduled for August 23, 2006 in the afternoon.

#### 5. INFORMATION EXCHANGE FOR GROUNDWATER-RELATED ACTIVITIES – STATUS UPDATE

Senate Natural Resources Committee Testimony, June 28, 2006, on Committee Activities and Interim Charge 3, Groundwater Contamination Caused by Petroleum Operations

Mary Ambrose (TCEQ) testified on behalf of the TGPC on groundwater contamination caused by petroleum operations before the Senate Natural Resources Committee on June 28, 2006. The TGPC brochure (GI-88, [http://www.tceq.state.tx.us/comm\\_exec/forms\\_pubs/pubs/gi/gi-088.html](http://www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/gi/gi-088.html)) was used to explain the Committee's activities, and the TGPC's *Joint Groundwater Monitoring and Contamination Report* ("Joint Report") was referenced for the 579 cases of groundwater contamination reported by the RCT due to oil and gas activities (1998 – 2005), 42 % of which have been closed. The 2005 *Joint Report* (SFR-056, [http://www.tceq.state.tx.us/comm\\_exec/forms\\_pubs/pubs/sfr/056\\_05\\_index.html](http://www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/sfr/056_05_index.html)) lists 337 cases currently regulated by the RCT, 32% of which are new, in 110 Texas counties. The types of oil and gas contamination (e.g., crude oil, BTEX, hydrocarbons, natural gas) were discussed, as well as the HB 3030 Notice of Contamination coordination between the TGPC member agencies.

Robert Mace (TWDB) also testified before the Senate Natural Resources Committee on behalf of the TWDB on water production and oil and gas exploration and production from the Barnett Shale area near Dallas, Texas.

#### *Joint Groundwater Monitoring and Contamination Report – 2005*

Abiy Berehe (TCEQ) reported that the *Joint Groundwater Monitoring and Contamination Report – 2005* ("Joint Report") has been published and posted on TCEQ's website (SFR-056, [http://www.tceq.state.tx.us/comm\\_exec/forms\\_pubs/pubs/sfr/056\\_05\\_index.html](http://www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/sfr/056_05_index.html)), and a copy was given to each Committee member. Hard copies of the 2005 *Joint Report* will also be mailed to county health officials and judges, Groundwater Conservation Districts, public libraries, and member agencies. There were 6,132 groundwater contamination cases listed in the 2005 *Joint Report*:

- This was a 9 % reduction in reported cases compared to the 2004 *Joint Report*;
- New cases totaled 654 in the 2005 *Joint Report* (an increase of nine cases compared to the 2004 *Joint Report*), and TCEQ was required to notify private water well owners about 10 of these new cases under Texas Water Code (TWC) §26.408;
- TCEQ was required to notify local officials about 29 new cases that had the potential to impact drinking water supplies within their respective counties under TWC §5.236;
- Action was completed on 1,171 cases.

#### Open Meetings and Open Records Training – Reminder for Action

John Williams (TCEQ) reminded all designated Committee and Subcommittee representatives and their alternates serving as of January 1, 2006 to complete their Open Meetings training by January 1, 2007. Representatives assigned after January 1, 2006, have 90 days from their first meeting to complete the required training. Mary Ambrose (TCEQ) announced that, if needed, a special meeting to watch the training DVDs will be scheduled after the next Committee meeting for those that have not yet completed their training.

Open Meetings and Open Records training are available at the Texas Attorney General's website (<http://www.oag.state.tx.us/>). A free copy of the training videos on DVD can also be obtained by calling 1-800-252-8011. Committee and Subcommittee members are required to take the Open Meetings training, only.

At the end of the Open Meetings video there is a verification code and instructions for obtaining a certificate of completion. Copies of the Certificate of Course Completion will be kept on file by the Committee and should be sent to Cary Betz, TCEQ, Mail Code 147, P.O. Box 13087, Austin, TX 78711-3087 or e-mailed to Mary Ambrose, [mambrose@tceq.state.tx.us](mailto:mambrose@tceq.state.tx.us).

#### Water Quality Inventory (305(b)) Report – 2004 and 2006

Cary Betz (TCEQ) reported that the groundwater portion of the *2004 Texas Water Quality Inventory and 303(d) List* should be posted on the TCEQ website soon. Most of the *2006 Water Quality Inventory (305(b)) Report* has been completed, but TCEQ groundwater staff have not yet been advised of a publication date.

#### Groundwater Contamination Notice Coordination (HB 3030, 78th Legislature)

Steve Musick (TCEQ) reported that there has been a lot of interaction on particular cases with the RCT since the last TGPC meeting. Additional meetings are planned with other state agencies.

#### Regional Water Planning – Texas Water Development Board

Robert Mace (TWDB) reported that the TWDB is getting closer to having a draft of the State Water Plan, and it should be made public by the middle of August 2006. There is an 80-page section on groundwater (containing changes to aquifer boundaries, sections on water quality and monitoring, etc.). Public comment will be accepted for several months, and then the Plan will go back to the TWDB for final approval in November and delivery to the Legislature on January 5, 2007.

#### Groundwater Availability Modeling – Texas Water Development Board

Robert Mace (TWDB) reported that they are continuing to make progress on several models and are working on developing geologic structure surfaces for some of the minor aquifers in preparation for the final report.

#### Drought Status – All Agencies

Mary Ambrose (TCEQ) handed out a map of Texas entitled, "Drought 2006 – Public Water Supply Systems Affected as of July 1, 2006". There are now 62 Public Water Supply Systems that are under voluntary water use restrictions (compared to 65 as of April 1, 2006) and 98 under mandatory water use restrictions (compared to 45 as of April 1, 2006).

Mary Ambrose (TCEQ) also handed out a list entitled, “Texas Public Water Systems Limiting Water Use to Avoid Shortages”, which was sorted by county and identified the surface and groundwater sources for each system.

Robert Mace (TWDB) reported that the TWDB is closely watching the well water level graph for Bexar Index Well J-17. The Edwards Aquifer is in a Stage 1 Drought Condition.

Barry Miller (TAGD) and Richard Egg (TSSWCB), who sit on the Drought Preparedness Council, reported that all of the cities near the lakes of the North Texas Municipal Water District (e.g., Dallas, Irving) are on water use restrictions and it is difficult getting them to follow these restrictions.

## 6. ANNOUNCEMENTS

### Rules Update

Mary Ambrose (TCEQ) distributed a summary of the TCEQ rule tracking log to TGPC members. There were 13 rules summarized in the tracking log (listed below) that were of interest to the Committee:

- Pending Proposals (0)
- Proposals (5)
  - SB 485 and HB 1987: Petroleum Storage Tank Rule Revisions
  - SB 1707: Relating to the Regulation of Poultry Facilities
  - SB 1902 and HB 2250: Rio Grande Watermaster Duties and Private Water Conveyance Permits in the Rio Grande
  - HBs 1358 and 2301 and SB 1063: Rates
  - HBs 828, 1208, 1644, 1673, and 1763 and SB 693: Districts
- Pending Adoptions (2)
  - HB 841: Water Supply and Sewer Service Corporations
  - HBs 1225 and 2140: Water Right for Nonuse
- Adoptions (6)
  - HB 2510: On-site Sewage Facility Aerobic Unit Maintenance
  - SB 1354: Water Quality Protection Area
  - HB 1609: Public Meetings for New Solid Waste Applications
  - Lab Accreditation and Certification
  - HB 2949: Emergency Order Because of Catastrophe
  - HB 2651: Subsurface Area Drip Dispersal Systems

Additional information on a specific rule can be found at <http://www.tceq.state.tx.us/rules/prop.html>.

Mary Ambrose (TCEQ) also distributed an EPA Fact Sheet entitled, “Concentrated Animal Feeding Operations, Proposed Rulemaking, June 2006”. Mary Ambrose also reported that Harris County has adopted some restrictions related to water wells and septic systems.

## New Publications

Mary Ambrose (TCEQ) reported that the House Research Organization has published “Groundwater Management Issues in Texas” on June 6, 2006 (<http://www.hro.house.state.tx.us/focus/groundwater79-14.pdf>) and that the EPA has just issued a new manual on Integrating Water and Waste Programs to Restore Watersheds (<http://yosemite.epa.gov/water/owrccatalog.nsf/70db6110b88e068285256c1a005a2a49/890465cf79769288852571d90055ce1e!OpenDocument>).

Robert Mace (TWDB) reported that the TWDB has published “Please Pass the Salt: Using Oil Fields for the Disposal of Concentrate from Desalination Plants” (<http://www.twdb.state.tx.us/publications/reports/GroundWaterReports/GWReports/Report366.pdf>).

## Upcoming Conferences

### *In Texas*

- The Future of Desalination Workshop, Aug 6 – 8, College Station, <http://foodprotein.tamu.edu/separations/scupcoming.htm>
- Sanitation World 2006, Aug 16 – 19, Grapevine, <http://www.sanitationworld.com/>
- International Conference on Environmental Science and Technology, Aug 19 – 22, Houston, <http://www.aasci.org/conference/env/2006/index.html>
- National Association of Flood & Stormwater Management Agencies (NAFSMA) 2006 Annual Meeting & Workshop, Sept 6 – 8, San Antonio, [http://www.nafsma.org/Meetings/meetings\\_upcoming.htm](http://www.nafsma.org/Meetings/meetings_upcoming.htm)
- What’s on Tap for South Central Texas ?, Sept 9, San Antonio, <http://www.texas.sierraclub.org/water/water20060909.asp>
- Texas Water Monitoring Congress, Sept 13 – 15, Austin, [http://www.txwmc.org/2006\\_Congress/TWMC\\_2006.htm](http://www.txwmc.org/2006_Congress/TWMC_2006.htm)
- Interstate Oil and Gas Compact Commission Annual Meeting, Oct 15 – 17, Austin, <http://www.iogcc.state.ok.us/registration.html>
- 13th International Petroleum Environmental Conference: Issues and Solutions in Exploration, Production, and Refining, Oct 17 – 20, San Antonio, <http://ipec.utulsa.edu/conferences.htm>
- TWCA 2006 Fall Meeting, Oct 18 – 20, San Antonio, <http://www.twca.org/meetings.html>
- Water Environment Federation Technical Exhibition and Conference (WEFTEC) 2006, Oct 21 – 25, Dallas, <http://www.weftec.org/>
- TSSWCB Annual Meeting, Oct 23 – 25, Ft. Worth, details forthcoming at <http://www.tsswcb.state.tx.us>
- EPA Land Revitalization Summit, Oct 30 – Nov 1, Austin, <http://www.lrs summit.com/home.html>
- Irrigation Association Annual International Irrigation Show, Nov 5 – 7, San Antonio, <http://www.irrigation.org/show/default.aspx?pg=default.htm&id=3>

- National Ground Water Association Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection, and Remediation Conference, Nov 6 – 7, Houston, <http://www.ngwa.org/e/conf/0611065040.cfm>
- Underground Injection Control Conference, Jan 22 – 24, San Antonio, details forthcoming at <http://www.gwpc.org/home.htm>
- Texas Water Conservation Association 2007 Spring Meeting, Mar 6 – 9, Austin, <http://www.twca.org/meetings.html>

*Beyond Texas*

- Ground Water Protection Council 2006 Annual Forum, Sept 30 – Oct 5, Miami, Florida, <http://www.gwpc.org/>

7. PUBLIC COMMENT

Lynne Fahlquist (USGS) reminded everyone of the following recent USGS publications:

- Zogorski, J.S., 2006, Volatile Organic Compounds in the Nation's Ground Water and Drinking-Water Supply Wells – A Summary: U.S. Geological Survey Fact Sheet 2006-3048, 6 p., <http://pubs.usgs.gov/fs/2006/3048/pdf/fs2006-3048.pdf>.
- Zogorski, J.S. and Toccalino, P.L., 2006, Volatile Organic Compounds in the Nation's Drinking-Water Supply Wells – What Findings May Mean to Human Health: U.S. Geological Survey Fact Sheet 2006-3043, 4 p., <http://pubs.usgs.gov/fs/2006/3043/pdf/fs2006-3043.pdf>.

8. ADJOURN

Mary Ambrose (TCEQ) adjourned the meeting at 3:52 PM.