# TEXAS GROUNDWATER PROTECTION COMMITTEE RECORD OF MEETING

Fourth Quarterly Meeting, Fiscal Year 2019

Meeting Date: July 10, 2019 Place: TCEQ Campus, Bldg F

Meeting No.: 127 Room: 2210

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### MEETING ATTENDANCE

<u>Committee Members</u> <u>Affiliation</u>

Cary L. Betz Texas Commission on Environmental Quality

TCEQ)

Larry French Texas Water Development Board (TWDB)
James Harcourt Railroad Commission of Texas (RRC)

Evelyn Reátegui-Zirena Texas Department of State Health Services (DSHS)

David Villarreal Texas Department of Agriculture (TDA)

Leah Martinsson Texas Alliance of Groundwater Districts (TAGD)

John Tracy Texas A&M AgriLife Research (AgriLife

Research)

Amy Banerji Bureau of Economic Geology of The University of

Texas at Austin (UTBEG)

David Gunn Texas Department of Licensing and Regulation

(TDLR)

Agency Staff	<b>Affiliation</b>	Program
Natalie Ballew	TWDB	
Abiy Berehe	TCEQ	Water Availability Division
Leslie Bruce	RRC	
Alan Cherepon	TCEQ	Water Availability Division
Grant J. Gibson	TCEQ	Water Availability Division
Cindy Hooper	TCEQ	Water Availability Division
Peggy Hunka	TCEQ	Water Availability Division
Colt Kernan	TCEQ	Water Availability Division
Jessica Kessinger	DSHS	
Kathy McCormack	TCEQ	Water Availability Division
Claire Satterwhite	TDLR	
L. Scott Underwood	TCEQ	Water Availability Division

<u>Interested Parties</u> <u>Affiliation</u>

Mary Musick Groundwater Consulting Steve Musick Groundwater Consulting

Michael Trainer Signature Automation

### **MEETING HANDOUTS**

- 1. Agenda for Texas Groundwater Protection Committee meeting on July 10, 2019
- 2. Record for Texas Groundwater Protection Committee meeting on April 17, 2019
- 3. Summary of Texas Groundwater Protection Committee (TGPC) Groundwater Issues (GWI) Subcommittee Meeting, June 12, 2019
- 4. Summary of Texas Groundwater Protection Committee (TGPC) Public Outreach and Education (POE) Subcommittee Meeting, June 2019
- 5. TGPC Groundwater Issues Subcommittee Charge update, July 10, 2019
- 6. How is Groundwater Quality Affected by Per- and Polyfluoroalkyl Substances (PFAS)? White Paper
- 7. Transboundary Groundwater Resources along the Texas-Mexico Border White Paper
- 8. TGPC GWI Subcommittee Fiscal Year 2020 2021 Activity Plan
- 9. Drought 2019 U.S. Drought Monitor, Texas, July 2, 2019; Public Water Supply Systems Affected, July 3, 2019; TCEQ List of Texas PWSs Limiting Water Use to Avoid Shortages, July 3, 2019; U.S. Seasonal Drought Outlook, June 20 September 30, 2019
- 10. TCEQ Rules Update, 07/10/2019
- 11. 2019 Water-related Conferences in Texas, July 2019

The following item was also on display on the handout table:

1. TGPC Public Information Act Policy

### **MEETING RECORD OF JULY 10, 2019**

### 1. CALL TO ORDER AND INTRODUCTIONS

Cary Betz (TCEQ), Designated Chairman of the Texas Groundwater Protection Committee (TGPC), called the meeting to order at approximately 1:08 PM CDT. TGPC members then introduced themselves. The representative from the Texas State Soil and Water Conservation Board (TSSWCB) was not present at the meeting.

### 2. SUBCOMMITTEE REPORTS

### Groundwater Issues

Leslie Bruce (RRC) reported that the TGPC GWI Subcommittee last met on June 12, 2019 and eight state and federal agencies and organizations were represented.

The current Agricultural Chemicals Task Force Status Report (available on the TGPC GWI Subcommittee webpage, <a href="https://tgpc.texas.gov/tgpc-subcommittees/tgpc-groundwater-issues-subcommittee/">https://tgpc.texas.gov/tgpc-subcommittees/tgpc-groundwater-issues-subcommittee/</a>, under the "Additional Resources" heading) was reviewed with the following highlights:

- Cooperative groundwater monitoring began in April 2019.
- TCEQ groundwater sampling in the Texas northern Panhandle occurred during the week of June 4, 2019; all samples were screened by immunoassay analysis for atrazine and a smaller number were screened for 2,4-D; a few TCEQ samples were also delivered to the DSHS lab for analysis by U.S. Environmental Protection Agency (EPA) Method 525.2 pesticides; although laboratory results were not yet available, the preliminary data showed no to very little pesticide detections.
- TCEQ staff provided:
  - A table display and personnel at the Capitol for the annual National Groundwater Awareness Week on March 13, 2019; and,
  - $\circ$  A desk display and personnel for the TCEQ annual Environmental Trade Fair on May 14 15, 2019.
- Alan Cherepon (TCEQ) attended the biannual U.S. EPA/States/Tribes pesticide meeting in Little Rock, Arkansas on May 14 16, 2019, sharing Texas groundwater protection activities with other Region 6 states and the U.S. EPA; important issues discussed included:
  - o Grant budget reductions and unfunded mandates for fiscal years 2020 2021;
  - The U.S. EPA Region 6 Dallas office was moving to a new physical location in June 2019, and it had undergone a reorganization which included adding new divisions and staff and moving the pesticides program within one of the new divisions:
  - o Dicamba volatilization and drift in other states; and,
  - Zebra Mussels and pesticides were two on-going issues, and the U.S. EPA would be releasing a letter about Zebra Mussels in June 2019.

The current TGPC Publications Status Report (also available on the TGPC GWI Subcommittee webpage) was reviewed with the following highlight:

- Joint Groundwater Monitoring and Contamination Report 2018 ("Joint Report", SFR-056):
  - O Staff were finalizing the 2018 *Joint Report* and it would be completed in June 2019; and,
  - The 2018 *Joint Report* would be posted on the TCEQ's and TGPC's websites and a notice of its publication would be sent to County judges, County health officials, and Groundwater Conservation Districts (GCDs).

The following current groundwater issues were briefly discussed:

- Water Supply Enhancement Program;
- Emerging Contaminants;
- Border Groundwater;
- Aquifer Storage and Recovery; and,
- Others (i.e., coal ash from power plants).

The following documents were reviewed and approved by the TGPC GWI Subcommittee, and they would be presented to the TGPC for approval at their next meeting:

- Texas Groundwater Protection Committee Groundwater Issues Subcommittee Charge;
- How is Groundwater Quality Affected by Per- and Polyfluoroalkyl Substances (PFAS) ?;
- Transboundary Groundwater Resources along the Texas-Mexico Border; and,
- TGPC GWI Subcommittee Fiscal Year 2020 2021 Activity Plan.

The next TGPC GWI Subcommittee meeting was scheduled for September 4, 2019.

### Public Outreach and Education

Peggy Hunka (TCEQ) reported that the TGPC POE Subcommittee last met on June 12, 2019 and six state agencies and organizations were represented.

The current Outreach Events Status Report (available on the POE Subcommittee webpage, <a href="http://tgpc.texas.gov/tgpc-subcommittees/tgpc-public-outreach-and-education-subcomittee/">http://tgpc.texas.gov/tgpc-subcommittees/tgpc-public-outreach-and-education-subcomittee/</a>, under the "Additional Resources" heading) was reviewed:

- Texas A&M AgriLife Extension Service (AgriLife Extension) Water Well Screening Events
  - o There were two screening events in the past quarter
  - o There were no upcoming events at that time
- TGPC Exhibit Booth
  - o There were four events since the previous POE Subcommittee meeting
  - o Three events were scheduled through the end of August 2019

Diane Boellstorff (AgriLife Extension) reviewed the Texas Well Owners Network (TWON) schedule of completed, confirmed, obligated, and suggested water well one-day training events and workshops which showed that there had been over 9,524 samples or attendees at TWON events since April 2011.

The Google Analytics activity report on the TGPC website for March 4 – June 5, 2019 was reviewed.

Diane Boellstorff (AgriLife Extension) and Michael Hare (TDA) would work on updating the AgriLife Extension Fact Sheet: *Drinking Water Problems: Arsenic*. The map included in the report needed to be updated and revised in order to be more representative of the arsenic distribution in Texas.

Leslie Bruce (RRC) announce that the final version of the Frequently Asked Question (FAQ) titled *What Should I Know About My Water Well and Why?* would be ready for final distribution and review soon.

The next TGPC POE Subcommittee meeting was scheduled for September 4, 2019.

### 3. PRESENTATION

There was no presentation at the meeting.

## 4. BUSINESS DISCUSSION AND POSSIBLE ACTION

Agency Legislative Roundtable Discussion

TGPC members reported on 86th Legislature bills that affected their agency or organization.

John Tracy (AgriLife Research) reported that an exceptional item was passed for hazard preparedness and response which had a flood element to it and that this program would be managed by Monty Dozier (AgriLife Extension).

David Gunn (TDLR) reported that they would be under sunset review during the next legislative session.

James Harcourt (RRC) did not have anything to report on recent legislation that affected his agency.

David Villarreal (TDA) reported that:

- TSSWCB received \$150 million in funding for flooding issues and dam projects that affected many of their stakeholders (e.g., ranchers and farmers);
- House Bill (HB) 191 was approved regarding a statewide pesticide waste disposal/collection system and that they would be working with TCEQ and AgriLife Extension again on this program;

- HB 1325 was approved which allowed the cultivation of hemp which are drought resistant and that they were formulating rules for this initiative; and,
- There had been a number of bills related to Aquifer Storage and Recovery (ASR), desalination, and brackish water that were important to their stakeholders.

Larry French (TWDB) reported that they were affected by a number of bills related to flooding and brackish groundwater:

## • Flooding:

- Senate Bill (SB) 7 and SB 8 were the two key bills that affected the TWDB. The Legislature had charged TWDB with creating the state's first state flood plan and implementing two new funds, the Flood Infrastructure Fund (FIF) and the Texas Infrastructure Resiliency Fund (TIRF). The FIF was dependent upon voters approving the transfer of funds from the Economic Stabilization Fund (aka, the Rainy Day Fund).
- TWDB had begun a rulemaking process to implement the state flood plan, the FIF, and the TIRF, and they would be contacting stakeholders in the coming months. Workshops would be held statewide in August 2019, and they anticipated final rules by early 2020. A regional flood planning process would be developed, and initial regional flood planning groups would be formed by mid-2020.

### • Brackish Groundwater:

- o HB 721 required TWDB to conduct statewide studies and surveys to determine the occurrence, quantity, quality, and availability of aquifers in which ASR projects or aquifer recharge projects would be feasible. The report was due to the Governor, Lieutenant Governor, and Speaker of the House by December 15, 2020.
- HB 722 would allow GCDs to adopt rules governing permits for the production of brackish groundwater. GCDs that received an application would submit it to TWDB for a technical review. The GCD could also request a TWDB investigation of possible aquifer impacts due to brackish groundwater production.
- SB 1041 reset the deadline for TWDB to complete the designation of brackish groundwater production zones. The deadline was changed from December 1, 2022 to December 1, 2032.

Larry French (TWDB) also reported that they had received funding for four Full Time Employees (FTEs) for their Groundwater Availability Modeling (GAM) program, and that funding had been restored to their Brackish Resources Aquifer Characterization System (BRACS) program.

Amy Banerji (UTBEG) did not have anything to report on recent legislation that affected her organization.

Evelyn Reátegui-Zirena (DSHS) did not have anything to report on recent legislation that affected her agency.

Leah Martinsson (TAGD) reported that her organization was affected by:

- HB 1066 which addressed situations where GCDs issued separate operating and export permits such that they would be synced up from a timing perspective;
- HB 722 which was related to brackish groundwater rules such that GCDs may adopt separate permitting systems, or if petitioned, they must adopt separate permitting systems; because they had never done this before, and especially with the mandated interaction with TWDB, they did not yet know the extent of the impact of this bill on GCDs; and,
- A handful of bills related to the Edwards Aquifer, for example:
  - The bill that pulled the Edwards Aquifer Authority (EAA) out of the Texas Water Code (TWC) Chapter 36;
  - o The bill that allowed the City of Buda to go forward with an ASR project; and,
  - The bill that involved the transfer of EAA water out of the district that was vetoed by the Governor.

Leah Martinsson (TAGD) also noted that they were pleased to see TWDB receive funding for a number of efforts including the GAM program and the designation of brackish groundwater production zones.

### Cary Betz (TCEQ) reported that:

- The ASR bills that passed would be handled by their Radioactive Materials Division which included their Underground Injection Control (UIC) program;
- HB 1066 amended a portion of TWC Chapter 35;
- HB 2771 allowed TCEQ to authorize the disposal of produced water by discharging it
  into waters of the state; all of the Texas pollution discharge elimination program
  permits require a groundwater impact evaluation, so they were looking at any
  groundwater impacts that might result from the storage or disposal of produced water,
  hydrostatic test water, and gas plant effluent wastes;
- SB 669 corrected an error with the Southwestern Travis County GCD's confirmation date:
- SB 872 clarified some provisions related to the Gateway GCD and its Board of Directors;
- SB 911 may impact four GCDs because it amended TWC Chapter 49 by adding to TCEQ the power to review the financial and performance audits of "water districts"; and,
- The bills that did not pass included:
  - HB 1594 and HB 3264 which would have assessed the effects of groundwater production for the Trinity and Edwards Aquifers in Bell, Burnet, Milam, Travis, and Williamson counties:
  - O HB 3324 which would have required the operator of a pipeline that was under the jurisdiction of the pipeline safety and regulatory program at the RRC to submit a site-specific contingency plan that described the measures to be taken to control, contain, and collect any discharge of fluids from the pipeline to minimize impacts to groundwater in the state, and this would have prohibited natural gas pipelines across any karst terrain in the state;

- HB 3998 which would have transferred all jurisdiction over surface water rights to TWDB and transferred authority over groundwater production from GCDs to newly created aquifer-based groundwater management authorities; and,
- HB 4507 which would have established a surface water and groundwater interaction advisory board and provided a study report by December 1, 2020;
   TWDB would have Chaired this board with various appointees, including TCEQ.

Cary Betz (TCEQ) noted that the bills that did not pass may lead to mid-term legislative activities.

TGPC Groundwater Issues Subcommittee Charge

Kathy McCormack (TCEQ) presented the proposed update to the *TGPC Groundwater Issues Subcommittee Charge* ("*Charge*") to the TGPC for approval and noted that the changes were suggested in order to better reflect the intent of the current *Texas Groundwater Protection Strategy* ("*Strategy*"). David Villarreal (TDA) proposed, Larry French (TWDB) seconded, and all remaining TGPC members approved the update to the *Charge*. The updated *Charge* would be posted on the TGPC website.

How is Groundwater Quality Affected by Per- and Polyfluoroalkyl Substances (PFAS)? White Paper

Kathy McCormack (TCEQ) presented the *How is Groundwater Quality Affected by Per-* and Polyfluoroalkyl Substances (PFAS)? white paper to the TGPC for approval and noted that Emily Hall (DSHS) and her staff, including Evelyn Reátegui-Zirena (DSHS), had developed and finalized the white paper over the past two years. James Harcourt (RRC) proposed, David Villarreal (TDA) seconded, and all remaining TGPC members approved the white paper. The white paper would be posted on the TGPC website.

Transboundary Groundwater Resources along the Texas-Mexico Border White Paper

Kathy McCormack (TCEQ) presented the *Transboundary Groundwater Resources along the Texas-Mexico Border* white paper to the TGPC for approval and noted that Rosario Sanchez (Texas Water Resources Institute) had developed and finalized the white paper over the past year. David Gunn (TDLR) proposed, James Harcourt (RRC) seconded, and all remaining TGPC members approved the white paper. The white paper would be posted on the TGPC website.

Cary Betz (TCEQ) thanked all of the white paper authors for their work on the documents.

TGPC GWI Subcommittee Fiscal Year 2020 – 2021 Activity Plan

Kathy McCormack (TCEQ) presented the *TGPC GWI Subcommittee Fiscal Year 2020 – 2021 Activity Plan* ("Activity Plan") to the TGPC for approval and noted that it listed the GWI Subcommittee's accomplishments over the previous two years as well as the white

paper topics that they would be working on during the upcoming biennium. David Villarreal (TDA) proposed, John Tracy (AgriLife Research) seconded, and all remaining TGPC members approved the *Activity Plan*. The *Activity Plan* would be posted on the TGPC website.

### TGPC Publications Subcommittee Creation

Cary Betz (TCEQ) reported that internal discussions since the previous TGPC meeting had noted that:

- There did not appear to be enough work to sustain a new TGPC Publications Subcommittee which would meet quarterly, and a Subcommittee that met just twice a year had not been particularly effective in the past;
- The *Strategy* had recently been updated and its processes needed to be given some time to work;
- Concerns should be taken to the TGPC GWI Subcommittee for white paper development with recommendations that could be worked up into the next TGPC report to the Legislature;
- The four other TGPC publications were being handled well by the TGPC POE Subcommittee and TCEQ Groundwater Planning and Assessment Team; and,
- An item regarding the implementation of the *Strategy* had been added to the business portion of the TGPC quarterly agenda which would enable the TGPC to be more responsive in protecting the state's groundwater.

Based on these reasons, the idea of creating a new TGPC Publications Subcommittee was put on hold until at least after completion of the *Joint Report* streamlining effort.

### **Current Groundwater Issues**

There was no discussion of this topic at the meeting.

Texas Groundwater Protection Strategy Implementation

Cary Betz (TCEQ) noted that the adoption of white papers is an important part of implementing the *Strategy*.

David Villarreal (TDA) asked about the effort to classify brackish groundwater. Cary Betz (TCEQ) said that they would defer to TWDB because of their brackish groundwater studies. John Tracy (AgriLife Research) asked about the extraction of brackish groundwater (e.g., well construction, cross contamination, desalination, brine disposal, subsidence, etc.) and its potential to negatively impact groundwater quality. Larry French (TWDB) indicated that their staff could give a presentation at the next TGPC meeting on the status of their work, as well as examples of where groundwater contamination can occur during brackish groundwater processing. David Villarreal (TDA) added that they promote the development of aquaculture and specialty crops that can tolerate brackish groundwater.

David Villarreal (TDA) reported that he had been asked questions about the TGPC and its *Strategy* at previous Water Conservation Advisory Council (WCAC) meetings. Cary Betz (TCEQ) indicated that the TGPC would drive the work on any future changes to the *Strategy*.

## Set Future Meeting Date

The next TGPC quarterly meeting was scheduled for October 23, 2019 at 1:00 PM CDT. Cary Betz (TCEQ) noted that this meeting would celebrate the 30th Anniversary of the creation of the TGPC.

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

Groundwater Contamination Notice Coordination (Texas Water Code §26.408)

Peggy Hunka (TCEQ) reported that their Impact Evaluation Team (IET) had met five times in the last quarter. Nine groundwater contamination cases were reviewed and 45 notification letters were mailed to private water well owners.

### Groundwater Management Areas

Leah Martinsson (TAGD) reported that the Groundwater Management Areas (GMAs) were starting to meet again in order to prepare their Desired Future Conditions (DFCs) for the next round of joint planning. Leah Martinsson also noted that they appreciated TWDB's assistance with the GAM process.

### Regional Water Planning

### Larry French (TWDB) reported that:

- TWDB was in the final stages of developing a model to conduct the socioeconomic impact analysis for the regional water plans; results would be delivered to the Regional Water Planning Groups (RWPGs) by the end of 2019;
- The water use survey application for the collection of 2018 water use data closed to the public on July 1, 2019;
- They had started looking at the available data for producing projected mining demands (including water use for the oil and gas industry) for the 2027 State Water Plan; they had developed a data dashboard for their population and water use estimates and projections by county and planning region (http://www.twdb.texas.gov/waterplanning/data/dashboard/index.asp);
- Groundwater staff were reviewing a groundwater availability (i.e., quantity) request from Region D (in northeast Texas) where there were no GCDs; and,
- Draft Regional Water Plans were due to TWDB by March 3, 2020.

## Groundwater Availability Modeling

Larry French (TWDB) reported that:

- Two new modeling projects were starting:
  - The newly-designated minor Cross Timbers Aquifer (in north-central Texas) conceptual model – a stakeholder meeting was scheduled for August 6, 2019 in Stephenville; and,
  - The Southern Carrizo-Wilcox Aquifer GAM upgrade a stakeholder meeting was scheduled for August 2, 2019 in Pleasanton.
- Their modeling projects that were underway included:
  - o The Southern and Central Gulf Coast Aquifer System GAM upgrade;
  - o The Northern Edwards (Balcones Fault Zone) Aquifer GAM upgrade; and,
  - o The Northern Carrizo-Wilcox Aquifer GAM upgrade.
- Their modeling projects that were recently completed included:
  - o The Hill Country Trinity Aquifer conceptual model; and,
  - o The Southern Carrizo-Wilcox Aquifer salinity mapping study.

David Villarreal (TDA) reported that they had been approached by the U.S. State Department regarding some assistance with flooding in Trinidad, and he asked if it would be best to refer them to TWDB. Larry French (TWDB) indicated that they would be happy to accept this referral from TDA.

### Nonpoint Source Pollution

David Villarreal (TDA) reported that the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Water Resources Subcommittee was trying to assess source water quality protection, including groundwater vulnerability, as part of the Farm Bill. Cary Betz (TCEQ) indicated that he would provide their best agency contact for this work.

### National Groundwater Initiatives

Abiy Berehe (TCEQ) reported that the Ground Water Protection Council (GWPC) produced water report was available on their website (<a href="http://www.gwpc.org/producedwater">http://www.gwpc.org/producedwater</a>). Mary Musick (Musick Groundwater Consulting) added that this report would be discussed in detail at the GWPC Annual Forum that was scheduled for September 15 – 17, 2019 in Oklahoma City, OK.

John Tracy (AgriLife Research) reported that the University of California Berkeley School of Law would be publishing a draft report on all forms of managed aquifer recharge in September 2019, that they would be rolling out the report at their symposium on incentivizing groundwater recharge on September 10, 2019 in Berkeley, CA, and that they expected the final report to be complete by the end of 2019.

### **Drought Status**

Cary Betz (TCEQ) referred TGPC members to the most recent U.S. Drought Monitor and TCEQ drought-affected Public Water Systems (PWSs) maps, as well as the TCEQ List of PWSs Limiting Water Use to Avoid Shortages (aka, the "180-day list"). As of July 2, 2019, 5 % of the state was classified as D0 through D2, down from 39 % at the last TGPC meeting, with a U.S. Seasonal Drought Outlook forecast of expanding drought conditions in south Texas through September 30, 2019. As of July 3, 2019, of the 4,643 active community water systems in Texas, 1,054 were affected by drought (either voluntary or mandatory), and 749 of those used groundwater (either partially or exclusively). As of July 3, 2019, four PWSs in the state could be out of water in 180 days or less (up from three at the last TGPC meeting).

David Villarreal (TDA) added that the state meteorologist continues to predict that El Niño (i.e., wet) conditions will continue in Texas through the winter.

John Tracy (AgriLife Research) noted that Alaska was in one of the worst droughts that they had ever experienced.

### 6. ANNOUNCEMENTS

### Rules Update

Cary Betz (TCEQ) reported on current TCEQ rulemaking that was of interest to the TGPC:

- 2019-051-293-OW Rule Review of Chapter 293;
- 2019-043-290-OW Rule Review of Chapter 290;
- 2019-067-335-WS Rule Review of Chapter 335;
- 2019-067-330-WS Rule Review of Chapter 330;
- 2019-043-309-OW Rule Review of Chapter 309;
- 2019-043-312-OW Rule Review of Chapter 312;
- 2019-043-321-OW Rule Review of Chapter 321;
- 2019-043-319-OW Rule Review of Chapter 319;
- 2019-043-331-OW Rule Review of Chapter 331;
- 2017-008-007-LS TxDOT and TCEQ MOU: Environmental Reviews;
- 2016-042-309-OW Amendment of Chapters 222 and 309 Relating to Beneficial Reuse Credits; and,
- 2019-001-329-WS Rule Review of Chapter 329.

Additional information on a specific TCEQ rule can be found at https://www.tceq.texas.gov/rules/whatsnew.html.

#### **New Publications**

Cary Betz (TCEQ) announced one TCEQ publication:

• *Brownfields Tour in Austin*, TCEQ publication GI-468 (new May 2019), https://www.tceq.texas.gov/assets/public/comm\_exec/pubs/gi/gi-468.pdf.

Leah Martinsson (TAGD) reported that a legislative wrap-up would be published in the next issue of the *Texas Water Journal*. Contributors included TAGD, the Texas Water Conservation Association (TWCA), Sierra Club, and public water suppliers.

### **Upcoming Conferences**

Cary Betz (TCEQ) referred TGPC members to the conferences listed in the "2019 Water-related Conferences in Texas" handout – the current version of this handout is always available on the TGPC's POE Subcommittee webpage at <a href="https://tgpc.texas.gov/tgpc-subcommittees/tgpc-public-outreach-and-education-subcomittee/">https://tgpc.texas.gov/tgpc-subcommittees/tgpc-public-outreach-and-education-subcomittee/</a> under the "Additional Resources" heading.

### 7. PUBLIC COMMENT

David Gunn (TDLR) introduced Claire Satterwhite (TDLR) and said that she would be attending the TGPC POE Subcommittee meetings.

Larry French (TWDB) introduced Natalie Ballew (TWDB) and said that she would be attending the TGPC GWI Subcommittee meetings.

### 8. ADJOURN

Cary Betz (TCEQ) adjourned the meeting at approximately 2:38 PM CDT.