

**Texas Groundwater Protection Committee (TGPC)  
Groundwater Issues (GWI) Subcommittee Annual Report  
October 18, 2017**

This Annual Report is provided as per the TGPC GWI Subcommittee (“Subcommittee”) *Charge*<sup>1</sup>.

Fiscal Year 2017 Results

- The Subcommittee met four times during the past fiscal year:
  - September 14, 2016;
  - December 14, 2016;
  - March 8, 2017; and,
  - June 7, 2017.
- At their meetings, the Subcommittee received reports from its Agricultural Chemicals Task Force, tracked the status of the TGPC’s publications, and discussed the following groundwater-related issues:
  - Water Supply Enhancement Program
  - Hydraulic Fracturing
  - Freshwater Mussels
  - Emerging Contaminants
  - Saline Groundwater Trends and Impacts in Texas
  - Agricultural Chemicals
  - Priority Groundwater Management Areas (PGMAs)
  - Border Groundwater
  - Aquifer Storage and Recovery
  - Abandoned Water Wells
  - Failing Septic Systems
  - Others (e.g., the Texas Water Development Board (TWDB) Brackish Resources Aquifer Characterization System (BRACS) program)

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<sup>1</sup> [http://tgpc.state.tx.us/wp-content/themes/responsive/subcommittees/gwissues/GWI\\_SubComm\\_Charge22Apr2015.pdf](http://tgpc.state.tx.us/wp-content/themes/responsive/subcommittees/gwissues/GWI_SubComm_Charge22Apr2015.pdf)

- The Subcommittee developed and approved the following white papers:
  - *The Process for Independent Data Sources to Submit Information to the TGPC for Consideration in PGMA Studies*<sup>2</sup>; and,
  - *How Do Changing Groundwater Conditions Affect Freshwater Mussels ?*
- The Subcommittee reviewed and provided feedback on the existing Railroad Commission of Texas (RRC) Hydraulic Fracturing Frequently Asked Questions (FAQs) and Class II injection well cross-sectional diagram.
- The Subcommittee reviewed its *Charge* and did not have any changes to recommend to the TGPC.
- The Subcommittee developed and approved its *Fiscal Year 2018 – 2019 Activity Plan*<sup>3</sup>.
- The Subcommittee formed a Task Force in order to prepare a draft update of the *Texas Groundwater Protection Strategy* (“*Strategy*”) <sup>4</sup> for subsequent member review.

### Fiscal Year 2018 Plans

- The Subcommittee will continue development of the following white papers:
  - Health Impacts of Per- and Polyfluoroalkyl Substances (PFAS)-Contaminated Groundwater
  - Border Groundwater
  - Aquifer Storage and Recovery
  - Failing Septic Systems
- The Subcommittee will prepare an update of the *Strategy*.

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<sup>2</sup> [http://tgpc.state.tx.us/gwissues/white\\_papers/PGMAwhitepaper18Jan2017.pdf](http://tgpc.state.tx.us/gwissues/white_papers/PGMAwhitepaper18Jan2017.pdf)

<sup>3</sup>

[http://tgpc.state.tx.us/gwissues/activity\\_plans/TGPC\\_GWI\\_FY2018\\_2019\\_ActivityPlan\\_19Jul2017.pdf](http://tgpc.state.tx.us/gwissues/activity_plans/TGPC_GWI_FY2018_2019_ActivityPlan_19Jul2017.pdf)

<sup>4</sup> [https://www.tceq.texas.gov/assets/public/comm\\_exec/pubs/as/188.pdf](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/as/188.pdf)