

BRAZOS G REGIONAL WATER PLANNING GROUP

June 23, 2021

10:00 A.M.

Brazos River Authority Waco, TX



- 1. CALL THE MEETING TO ORDER
- 2. INVOCATION
- 3. NOTICE OF MEETING
- 4. ATTENDANCE AND ANNOUNCEMENTS
- 5. PUBLIC INPUT (limited to 5 minutes each)



6.1. Report and possible discussion from Texas Water Development Board (TWDB) staff



6.2. Presentation by TWDB Staff on the Statewide Suitability Survey for ASR-AR

Statewide Survey of Aquifer Suitability for **Aquifer Storage and Recovery Projects or Aquifer Recharge Projects**

James A. Golab, Ph.D., P.G. **Innovative Water Technologies** Texas Water Development Board

Presented for the Region G Water Planning Group June 23, 2021, 10:00 AM CDT

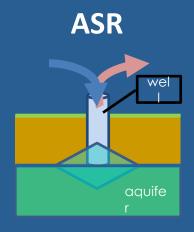


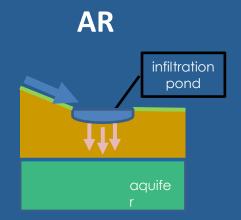




What is ASR and AR?

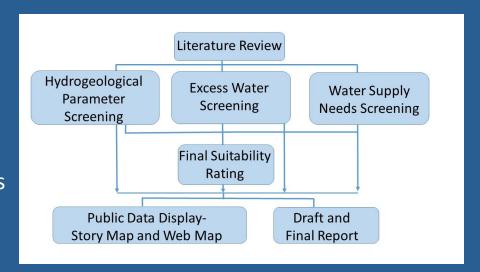
- Aquifer storage & recovery (ASR) is using a well to inject water into an aquifer for the purpose of subsequent recovery and beneficial use
- Aquifer Recharge, (AR, or sometimes MAR) is the controlled recharge of an aquifer at the surface through various methods such as infiltration basins.



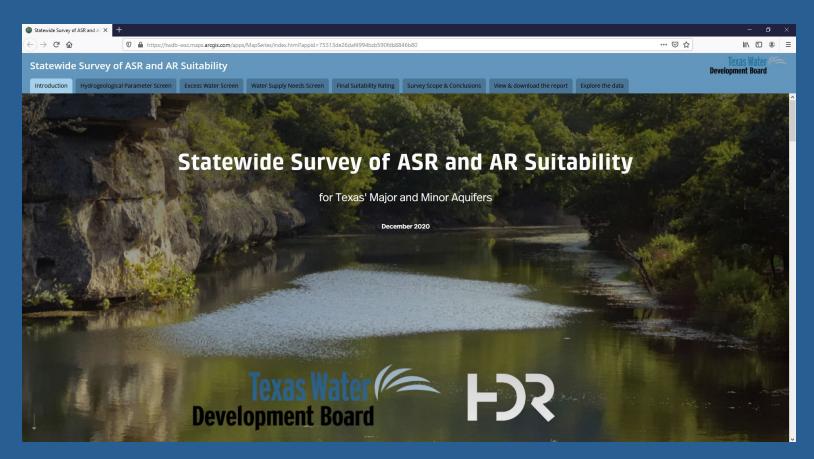


Introduction

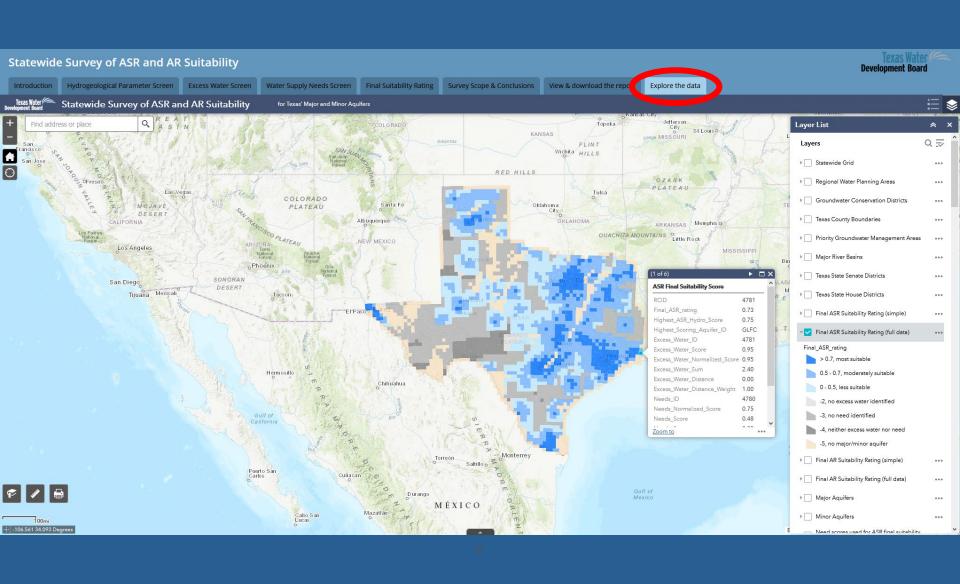
- 2019: Texas Legislature directed the Texas Water Development Board (TWDB) to survey ASR and AR potential statewide (House Bill 721)
- TWDB contracted with HDR
- Must include:
 - hydrogeological characteristics,
 - availability of excess water sources, and
 - the current and future water supply needs
- Resulted in final suitability ratings
- Completed published December 2020

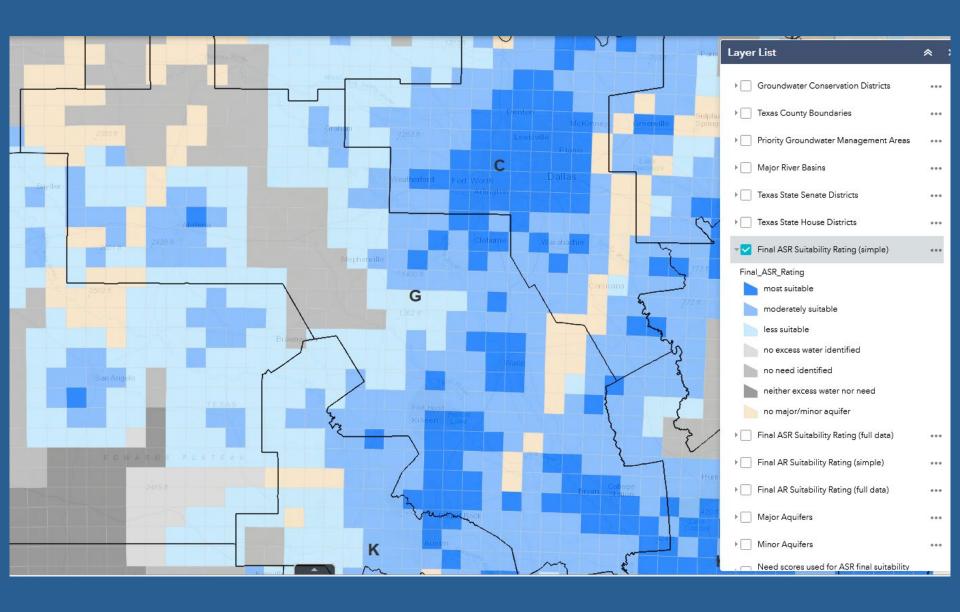


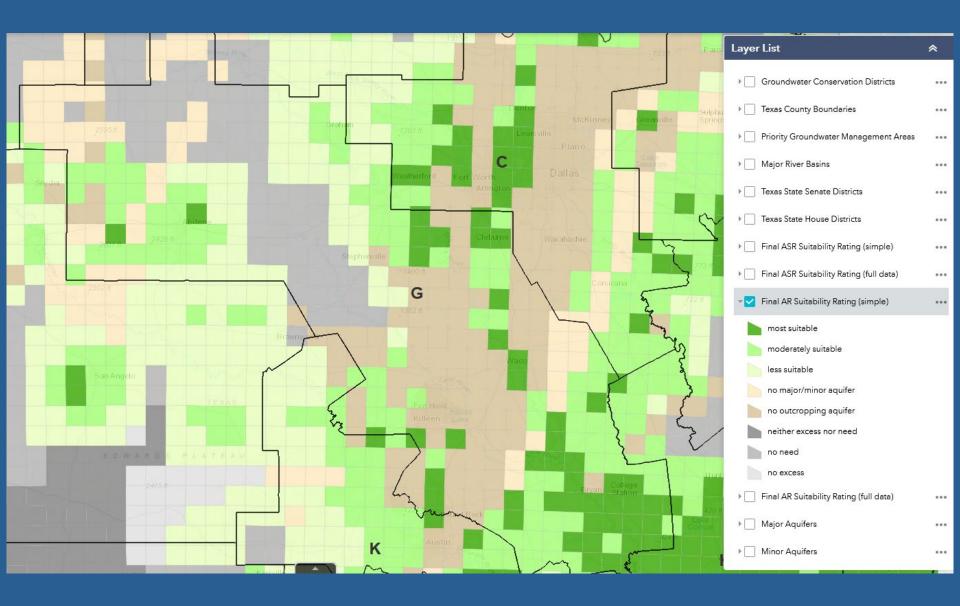
Public Data Display

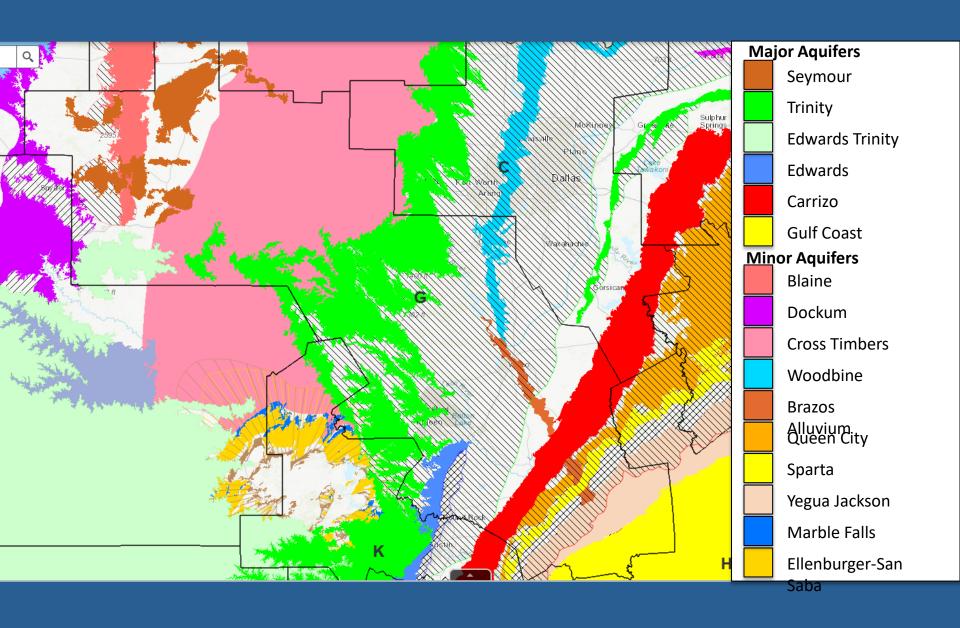


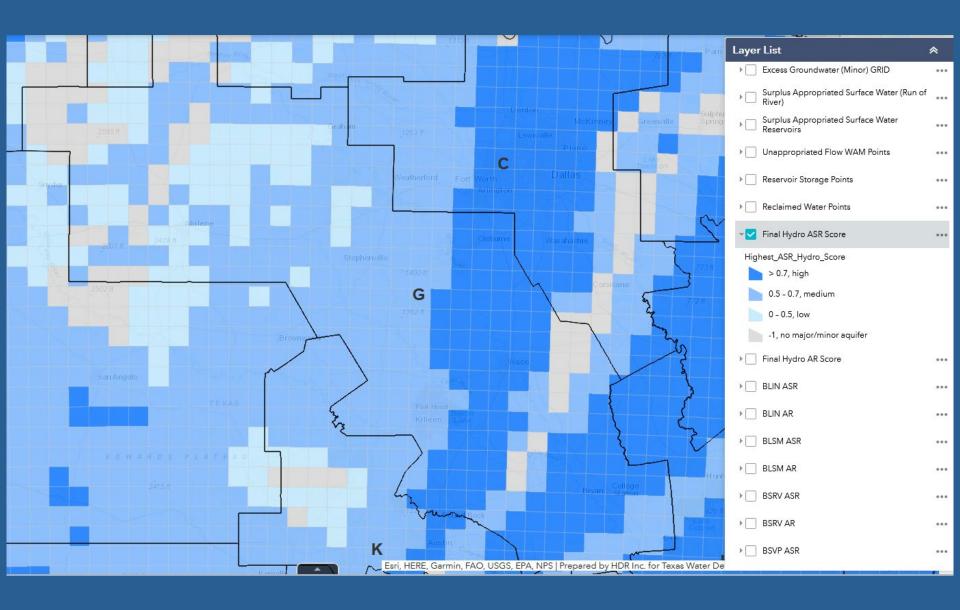
https://twdb-wsc.maps.arcgis.com/apps/MapSeries/index.html?appid=75313de26daf4994bcb590fdb8846b80

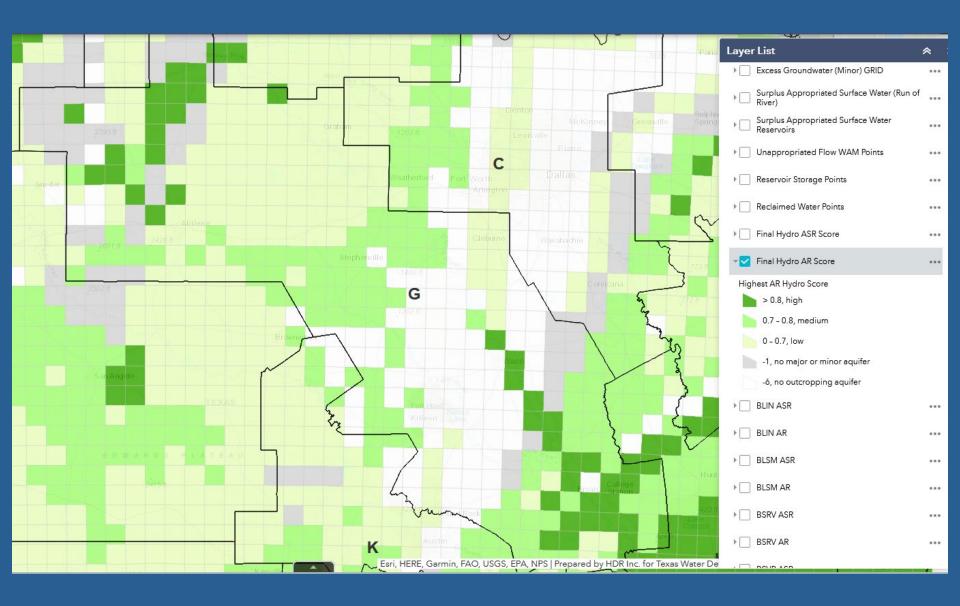


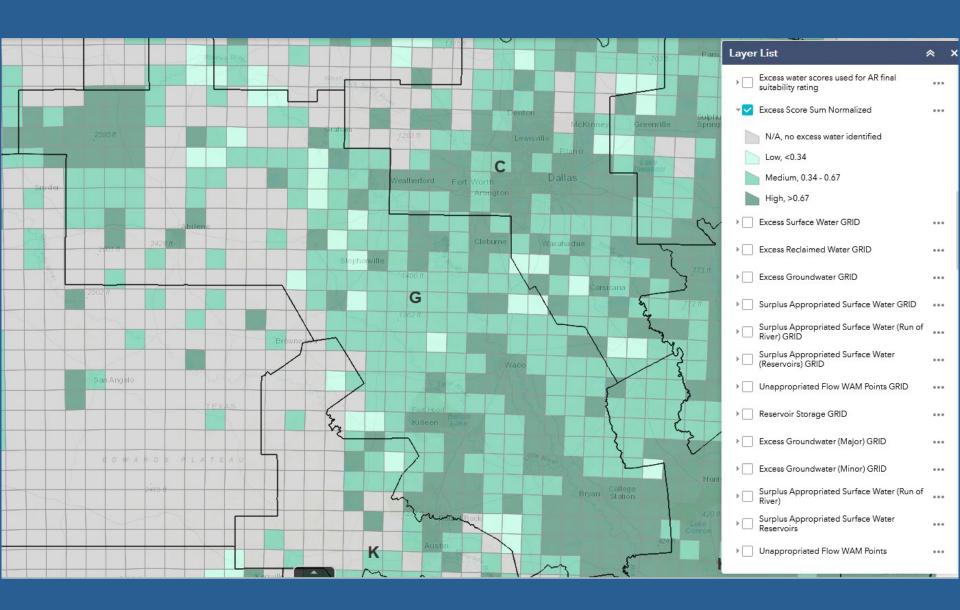


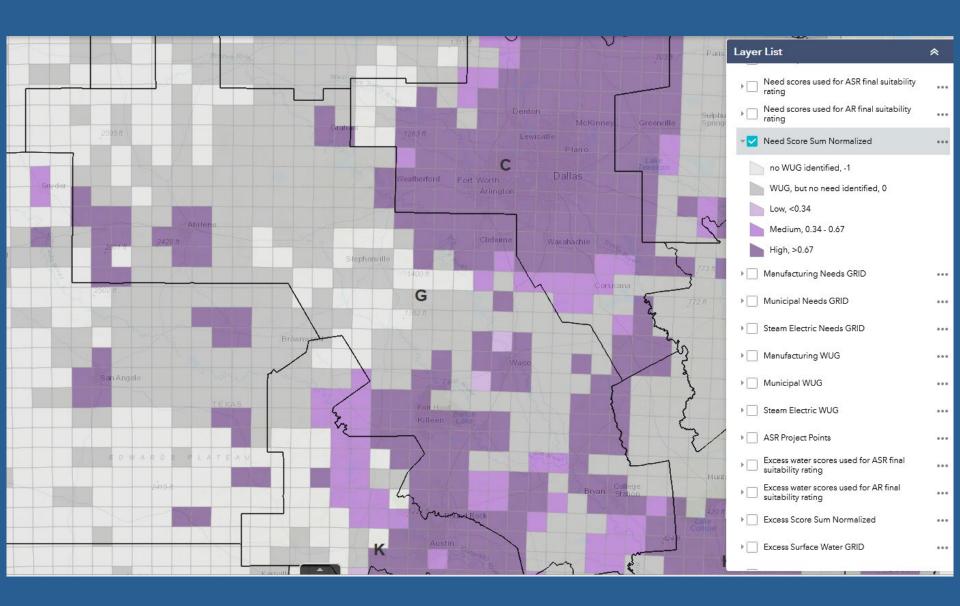


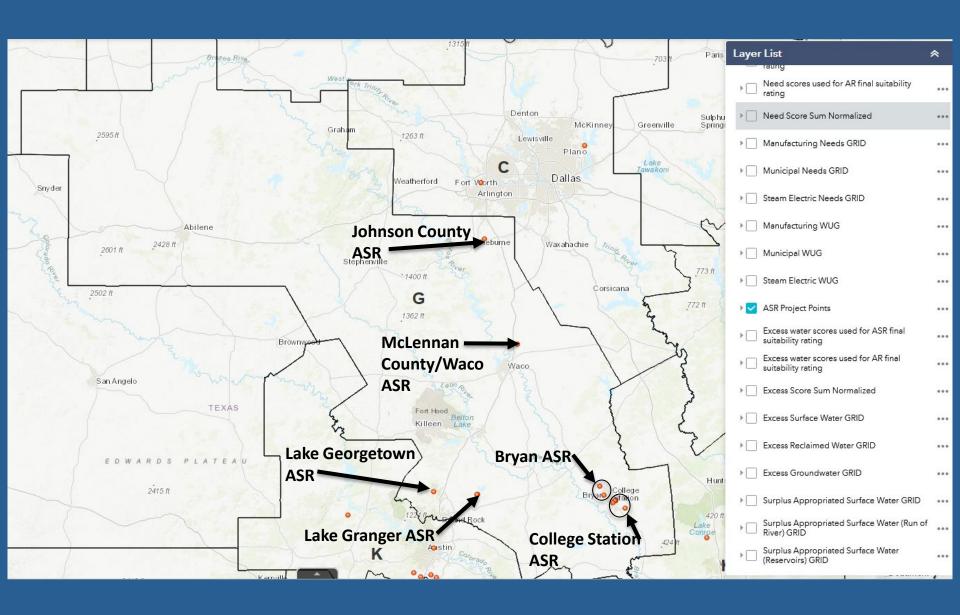












Benefits and Uses

- Free and public
- Data accessibility
- Data versatility
- Dovetails with the water planning process
- A fresh statewide perspective

- Start conversations
- Explore the data
- Identify areas that could warrant a feasibility analysis
- Arrive at your own conclusions

Access the Data

Project web page:

https://www.twdb.texas.gov/innovativewater/asr/projects/Statewide/index.asp

Story map:

https://twdb-wsc.maps.arcgis.com/apps/MapSeries/index.html?appid=75313de26daf4994bcb590fdb8846b80

Let us know if you would like to know more!



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6.3. Report and possible action on recommendation from the Executive Committee regarding the selection of the Technical Consultant for the 6th cycle of regional water planning



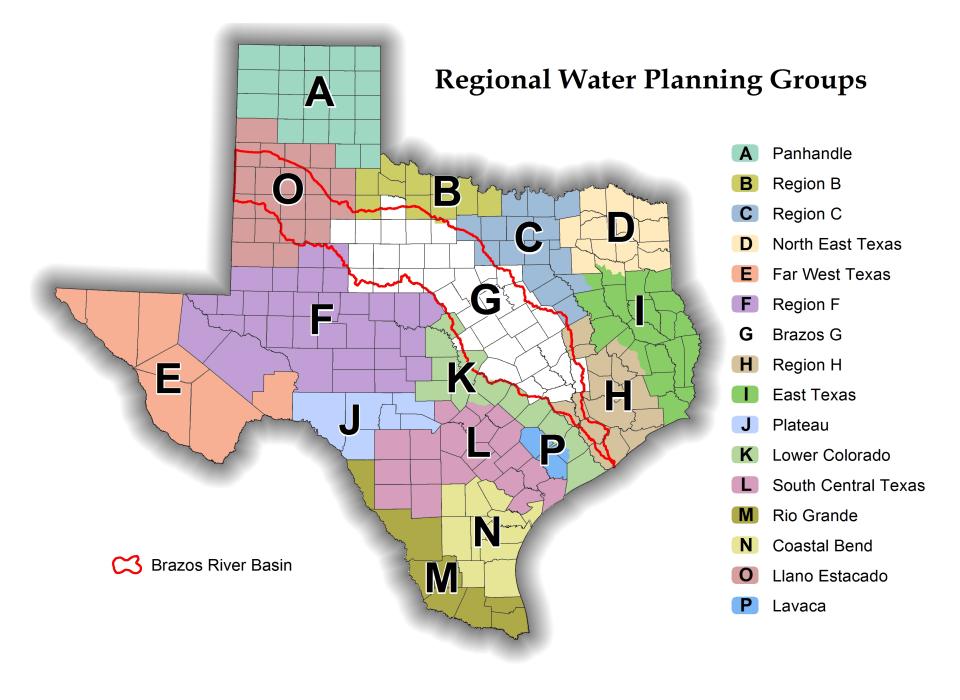
BE IT HEREBY RESOLVED that the Executive Committee recommends to the members of the Brazos G Regional Water Planning Group the selection of <u>Carollo Engineers</u>, <u>Inc.</u> to serve as the Technical Consultant for the Brazos G Regional Water Planning Group for the sixth cycle of regional water planning.



6.4. Consider and take potential action to authorize the Administrative Agent, Brazos River Authority, to provide public notice of a preplanning public meeting.

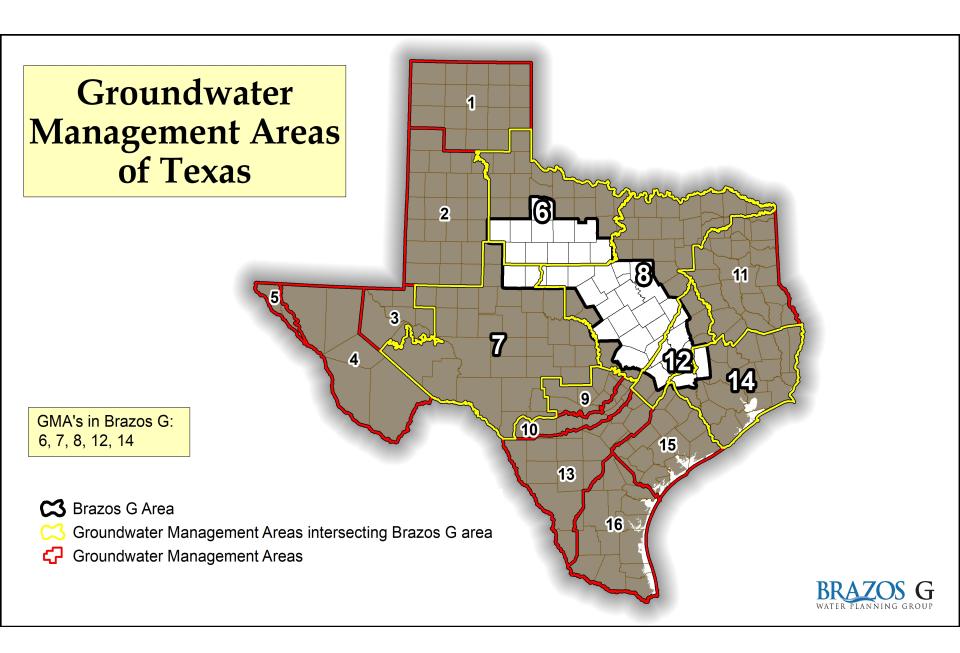


6.5. Report and possible discussion on updates from other regional water planning groups (Regions B, C, F,H, K, L & O).





6.6. Report and possible discussion on Groundwater Management Area (GMA) activities.





6.7. Report and possible discussion on agency communication and information. (TPWD, TDA, TSSWCB, BBASC, Interregional Planning Council & Reservoir Firm Yield Study)



6.8. Discussion and possible action on report by Brazos G Administrator



6.9. Discussion and possible action on report by Brazos G Chair



7. DISCUSSION AND POSSIBLE ACTION ON NEW BUSINESS TO BE CONSIDERED AT NEXT MEETING

8. CONFIRMATION OF NEXT MEETING DATE

9. ADJOURN