



Brazos G Regional Water Planning Group

Thursday, February 13, 2025

10:00 AM

Brazos River Authority

Lt. Gen. Phillip J. Ford Central Office

4600 Cobbs Dr. Waco, TX 76710



1. Call Meeting to Order and Notice of Meeting

2. Invocation

3. Attendance and Announcements

4. Public Input - Public questions and comments on agenda items or water planning issues (limited to 5 minutes each)



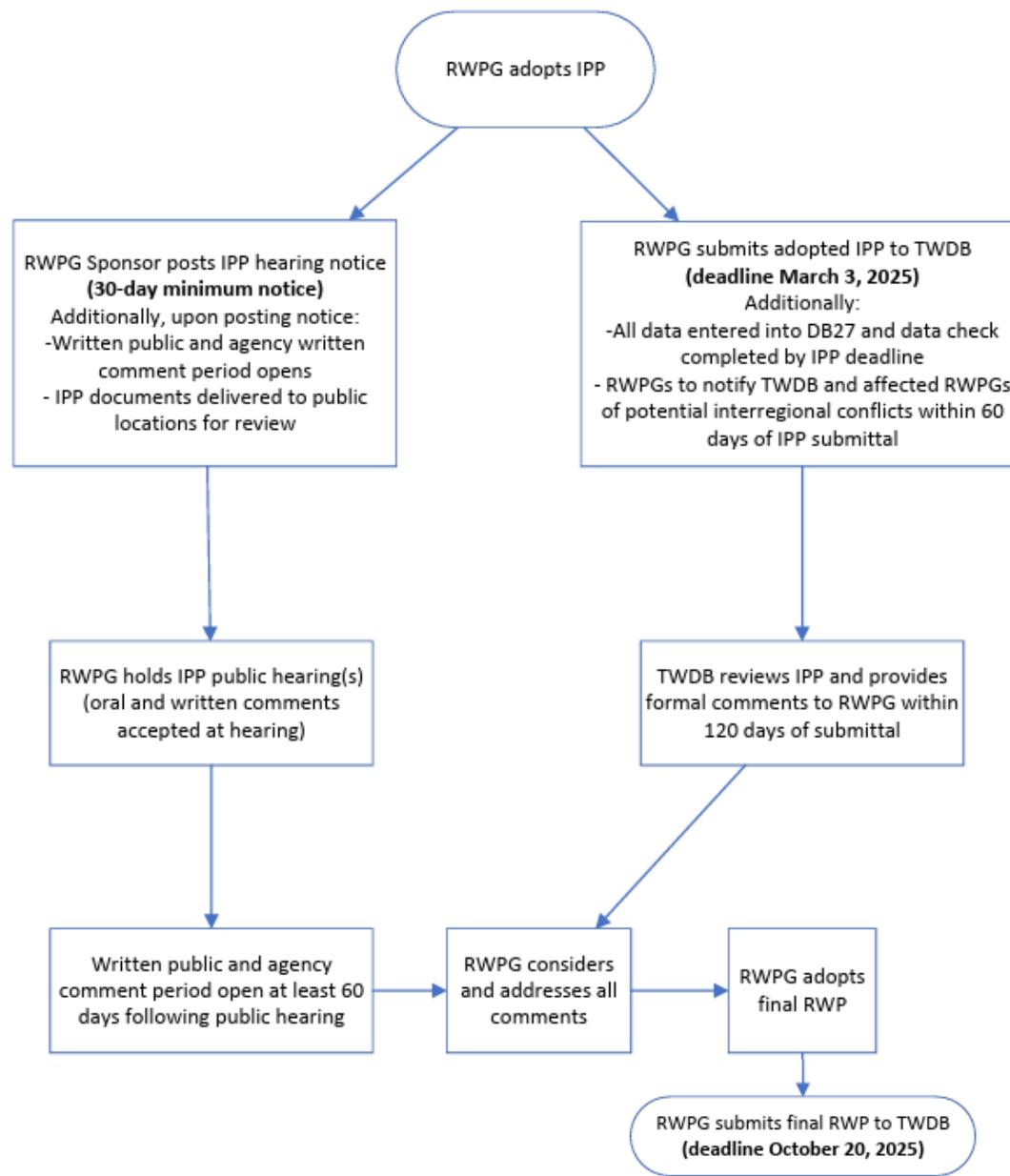
5. Report and possible discussion from Texas Water Development Board (TWDB) staff

TWDB Update

- **DB27 Water Right Data Collection Spreadsheet**
 - Spreadsheet to list water rights for the regional water plans
 - Due along with the Initially Prepared Plan
- **2025 SWIFT Cycle**
 - Abridged applications were due February 3rd
 - Project prioritization
- **Other Funding Cycles**
 - Project information forms for the Drinking Water and Clean Water State Revolving Funds are due March 7th
 - Agricultural Water Conservation Grant applications are due March 19th

TWDB Update

- **Water Use Surveys**
 - Mailout earlier this year, due March 1st
 - At least 3 years of surveys on file to be eligible for TWDB funding
- **Financial Assistance Workshop**
 - Thursday, May 15, 1:30pm
 - BRA headquarters
- **Board Member Changes**
 - Former Chairwoman Paup appointed to chair the TCEQ
 - Director Stepney to be new Chair of TWDB





6. Report, discussion and possible action on the report from the Scop of Work Committee

Brazos G Regional Water Planning

Item 6

Scope of Work Committee Activities



6

Report, discussion, and possible action on the report from the Scope of Work Committee

Activities

Scope of Work Committee met on:

- 9/24/2024, 11/07/2024, 12/20/2024, and 1/23/25

Utilized Process that was adopted by Brazos G RWPG on February 13, 2024

Modified from 2021 Process

Include strategies identified in previous plans

- Include recommended and alternative strategies from 2021 Plan
- Include strategies evaluated, but not recommended in 2021 Plan
- Include strategies evaluated in previous Plans that were not moved forward
- Include statutory categories

Identify draft needs and develop additional ideas to meet those needs

Maintain ongoing communication from local interests throughout the process

Adopted 2026 Plan's Process for Identifying Potentially Feasible Strategies

Resulted in an initial list of potentially feasible strategies

Additional WMSs are included if:

- local interests request them and
- the planning schedule and budget allow for the addition.

Investigate for Potential Infeasibility

Identify if strategy could potentially provide flood mitigation benefits

Identify if strategy contemplates use of the Brazos Alluvium

Additional Drivers for this Round of Planning

Emphasis on avoiding *infeasible* or unrealistic strategies

Unmet needs

- Limited supply alternatives
- Avoidance of unrealistic water strategy
 - Surface Water
 - Groundwater

Updated impact assessment (Ch. 6) on ensure long-term protection of the state's water resources, agricultural resources, and natural resources

- Hydrologic
- Environmental
- Water Quality
- Rural and agricultural
- Social and Economic Impacts of not meeting needs (TBD from TWDB)

Updated costing

- September 2023 dollars
- Utilizes TWDB's updated Unified Costing Model (UCM)

WMS Tools

- Conveys application of process
 - Identifies 1st and 2nd Tier Needs
 - Implements methodological/policy decisions
 - Identifies magnitudes and timing of WMSs
 - Identifies where needs remain
- Tool is integrated with DB27 outputs
 - Technical Consultant inputs to DB27 for official data and reporting
- Developed for both WUGs and MWP/WWPs
- Formed basis of information used in Sub-Regional Meetings
- Allows for continued detailing post-DB27 access

Recommendation from Brazos G Scope of Work Committee

- Authorized the technical consultant to submit on behalf of the Scope of Work Committee the recommended and alternative strategies and accompanying language for Chapters 5 and 6 for the purposes of the 2026 Brazos G Initially Prepared Plan for the Brazos G RWPG's consideration and possible action, consistent with the information discussed and recommended by this committee, for potential adoption, and approve for the consultant to work with the Chair and Administrator to submit further revisions and make responses to revision requests as needed.



7. Discussion and possible action on the report from the technical consultant

7.1 Report on the Sub Regional Planning Meetings

7.2 Regional Planning Updates

7.3 Presentation, discussion and possible action on the Brazos G 2026 Initially Prepared Plan (IPP)



7. Cont.

- 7.4 Discussion and possible action to consider adoption of the Brazos G 2026 Initially Prepared Plan (IPP), allowing the consultant to prepare final copies of the IPP and submit the IPP to the TWDB by March 3, 2025**
- 7.5 Discussion and possible action in consideration of the IPP public hearing date and authorization of the RWPG Sponsor to publish the 30-day notice of the public hearing**

Brazos G Regional Water Planning

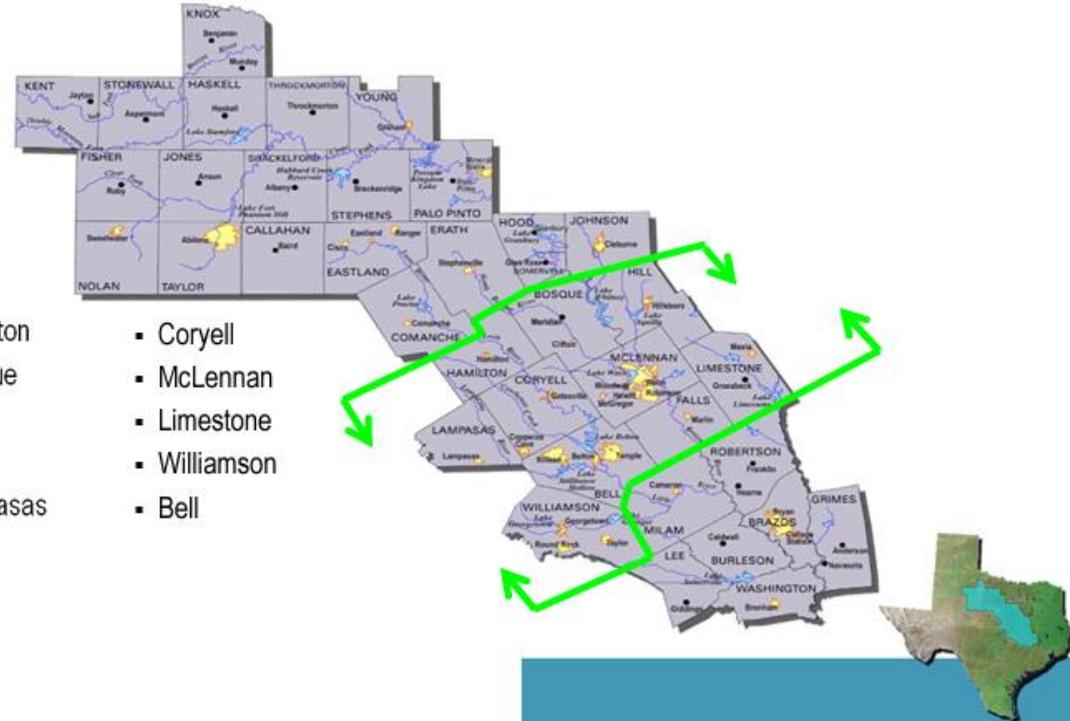
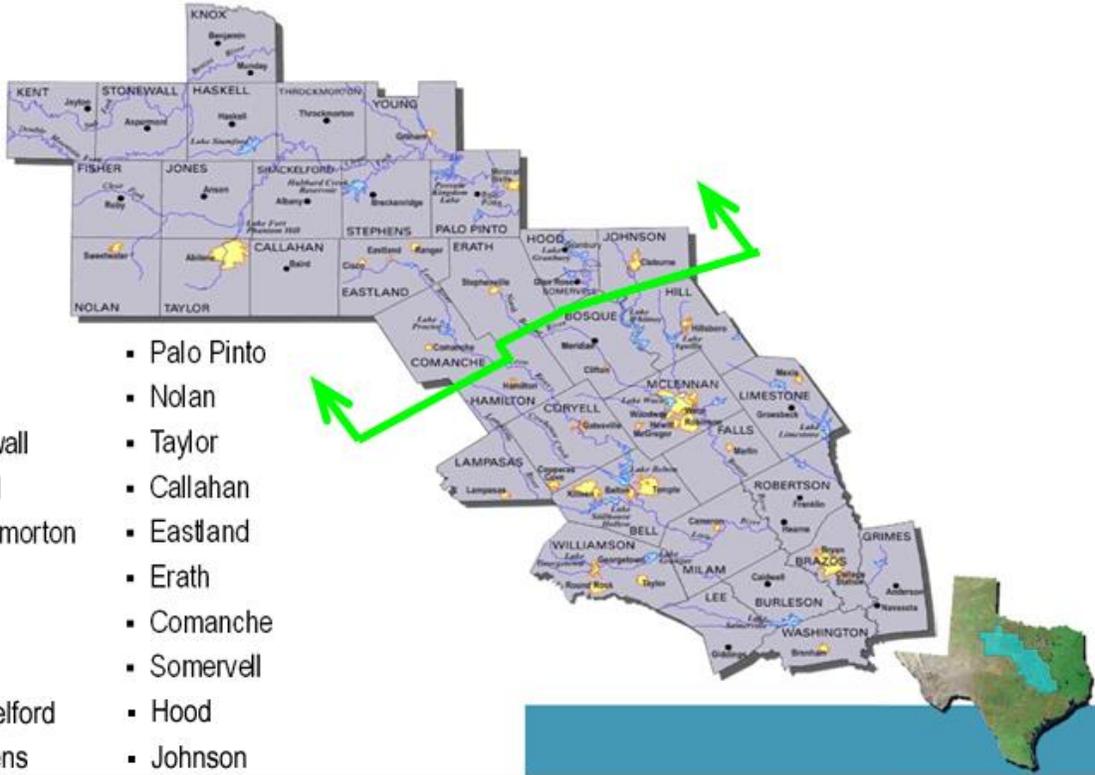
Item 7 Discussion and possible action on the report
from the technical consultant 7



7.1

Report on Sub- regional Planning Meetings

Three Sub-Regional Meetings



Continuing to Gather Input

Final projections of population and demand were adopted by TWDB last year.

- RWPG solicited input via calls and surveys to make significant changes to the draft projections.

Information presented and in the IPP is Draft.

Input from water providers is wanted and appreciated.

- Improve accuracy on existing supplies
- Improve accuracy on future near- and long-term strategies

Additional Engagement

Brazos River Authority

Central Texas WSC

City of Bryan

City of College Station

City of Lampasas

City of Temple

Rolling Plains GCD

Tx Dept. of Agriculture

Wellborn SUD

SLR

City of Georgetown

City of Cleburne

Fort Cavazos

Bell County WCID No. 1*

Mineral Wells*

Interregional Coordination

7.2

Regional Planning Updates

2026 Planning Budget Progress

Task #	Task	Contract Amount	Expended to Date	% Complete
1	Planning Area Description	\$ 32,306.00	\$ 30,586.18	95%
2A	Non-Municipal Water Demand Projections	\$ 57,806.00	\$ 57,206.02	99%
2B	Population and Municipal Water Demand Projections	\$ 80,330.00	\$ 79,679.21	99%
3	Water Supply Analyses	\$ 234,716.00	\$ 165,362.00	70%
4A	Identification of Water Needs	\$ 53,296.00	\$ 41,028.47	77%
4B	Identification of Infeasible Water Management Strategies	\$ 41,946.00	\$ 33,862.95	81%
4C	Prepare and Submit Technical Memorandum	\$ 61,012.00	\$ 41,496.26	68%
5A	Identification of Potentially Feasible Water Management Strategies and Water Management Strategy Projects	\$ 44,886.00	\$ 32,884.63	73%
5B	Evaluation and Recommendation of Water Management Strategies and Water Management Strategy Projects	\$ 824,994.00	\$ 166,789.96	28%
5C	Water Conservation Recommendations	\$ 72,590.00	\$ -	0%
6	Impacts of Regional Water Plan	\$ 79,127.00	\$ -	0%
7	Drought Response, Activities & Recommendations	\$ 137,766.00	\$ 3,564.29	3%
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	\$ 15,303.00	\$ 9,166.96	60%
9	Implementation and Comparison to the Previous Regional Water Plan	\$ 34,772.00	\$ 11,021.48	32%
10	Public Participation and Plan Adoption	\$ 352,761.00	\$ 243,770.35	69%
	TOTAL	\$2,123,611.00	\$916,418.76	49%

Ongoing Activities

Engagement

- Incorporating requests
- Coordination with technical consultants for other regions

Digital Deliverables

- DB27
 - Data Checks
 - Additions of WMSs
- GIS Geodatabase
- Modeling inputs, outputs, results

Document Processing

- Formatting
- Covers/tabs
- ADA Compliance

Deliveries

- Delivery to TWDB by March 3, 2025
- Coordination with Administrator for delivery of IPP to all county libraries and County Clerks offices

7.3

Presentation,
discussion and
possible action
on the Brazos
G 2026 Initially
Prepared Plan
(IPP)



Review of Chapters

Chapter	Title	Review
-	Executive Summary	-
1	Description of the Region	RWPG
2	Current and Projected Population and Water Demand	RWPG
3	Water Supply Analyses	RWPG
4	Identification of Water Needs	RWPG
5A	County and WWP Plans	Scope of Work Committee
5.39	Conservation	Scope of Work Committee
5.40	Major Projects Implementation	Scope of Work Committee
6	Impacts of the Regional Water Plan and Consistency with Protection of Resources	Scope of Work Committee
7	Drought Response Information, Activities, and Recommendations	RWPG
8	Unique Stream Segments, Unique Reservoir Sites, and Legislative and Regulatory Recommendations	Policy Committee & RWPG
9	Implementation and Comparison to the Previous Regional Water Plan	Scope of Work Committee
10	Public Participation and Adoption of Plan	RWPG

Volume II

Section	Title
1	Methodology
2	Conservation
3	Reuse
4	Reservoirs
5	Major Groundwater Strategies
6	Conjunctive Use
7	Aquifer Storage and Recovery (ASR)
8	Regional Water Supply Projects
9	Reallocation
10	Brush Control
11	Miscellaneous Strategies (Groundwater, Contracts, New WTP or Expansions)

16 Appendices

Appendix	Title
A	Historical Supplemental Data
B	Aquifer Descriptions and Groundwater Availability
C	Permitted and Reported Water Use
D	Descriptions of Vegetative and Biotic Regions
E	Detailed Information for Agricultural Resources
F	Surface Water Supplies
G	Economic Impacts of Not Meeting Needs (TBD from TWDB)
H	Written Comments Received on the Initially Prepared Plan (TBD for Final Plan)
I	Requested Population and Water Demand Revisions
J	Model Drought and Water Conservation Plans
K	MAG Peak Factors (None requested this cycle).
L	WAM Model Files
M	Implementation Report
N	Hydrologic Variance Request and TWDB Response
O	Major Water Provider Tables
P	Water Management Strategies Environmental Impacts Matrix

Executive Summary

- Introduction to Regional Water Planning
- Description of the Region
- Summary of Demands, Supplies, Needs, Strategies
- Key Findings and Recommendations
 - WMSs
 - Unmet Needs
- Executive Summary Appendices



Executive Summary

Appendices

- 25 Reports from DB 27
- Per requirement, instructions provided for online access and formally incorporated into 2026 Brazos G Plan

Report	Description
1	WUG Population Projections
2	WUG Water Demands
3	WUG Category – Summary
4	Source Water Availability
5	WUG Existing Water Supplies
6	WUG Identified Water Needs/Surpluses
7	WUG Second-Tier Identified Water Needs
8	WUG Second-Tier Identified Water Needs – Summary
9	Source Water Balance
10a	Comparison of WUG Availability, Supply, Demands, and Needs to 2021 RWP
10b	Comparison of Source Availability to 2021 RWP
11	WUG Unmet Needs
12	WUG Unmet Needs – Summary
13	WUG Recommended Water Management Strategies
14	Recommended Projects Associated with Water Management Strategies
15	WUG Alternative Water Management Strategies
16	Alternative Projects Associated with Water Management Strategies
17	WUG Management Supply Factor
18	Recommended Water Management Strategies Requiring a New or Amended IBT Permit
19	WUG Recommended Conservation WMS Associated with Recommended IBT WMS
20	Recommended WMS Supplies Unallocated to WUGs
21	Summary of WMS Users by WMS Type
22	Summary of WMS Users by Source
23	MWP Existing Sales and Transfers
24	MWP Recommended WMS and Projects

Chapter 10 – Public Participation and Adoption of Plan

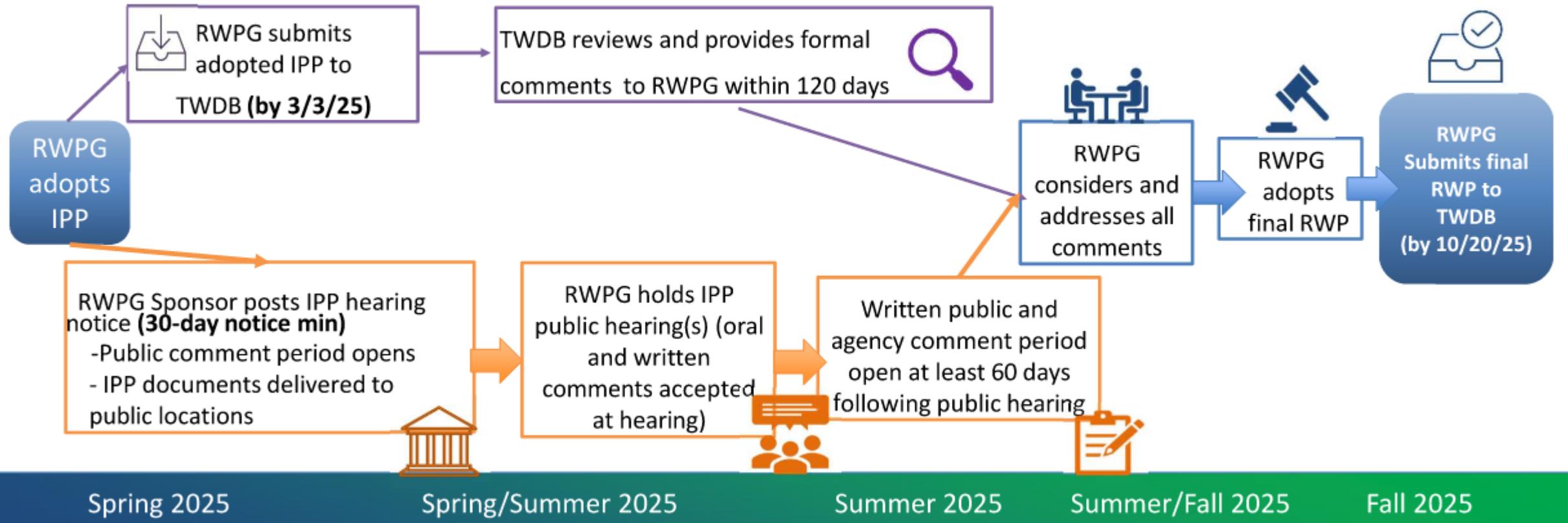
- Public Participation
- Outreach Efforts
- RWPG website: www.brazosgwater.org
- Coordination with WUGs and WWPs
- Interregional Coordination
- Public meetings
- Sections on Public Hearing and Comments on IPP contain placeholder text to be revised for Final Plan

Sixth Planning Cycle Remaining Planning Timeline (from TWDB)

Sixth Cycle of Regional Water Planning (2026 Regional Water Plans) Working Schedule ^A														
Entity	Activity	Planning SOW Task #	2025											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TWDB/RWPG	Anticipated additional contracting activities	NA												
TWDB	Regional Water Planning rules update	NA												
RWPG	Initially Prepared Plan due	10												
TWDB	Socioeconomic Impact Report released to	6												
RWPG	Final Plan due	10												

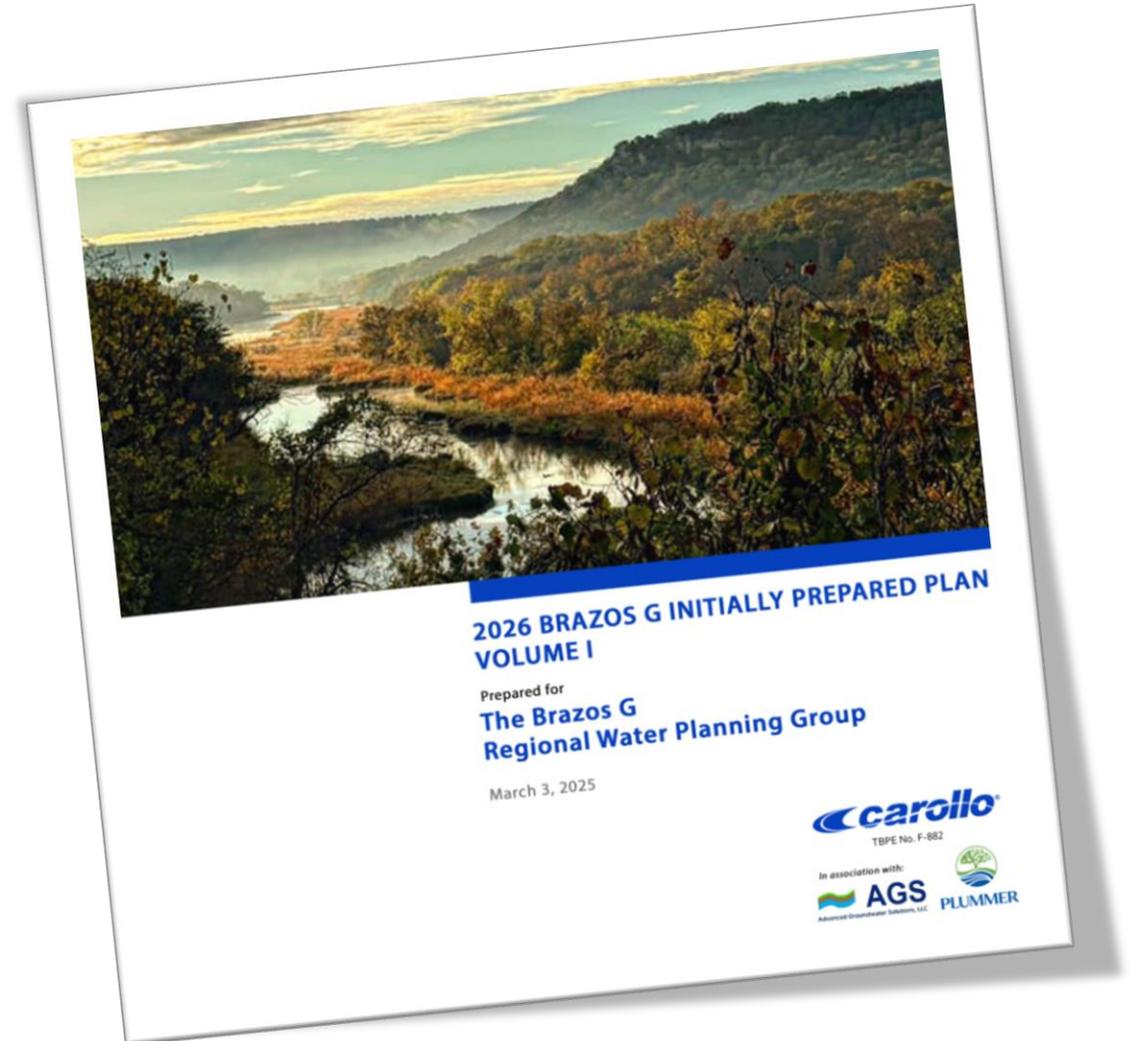
^A As of March 2023. Estimated timeline based on currently available agency resources and subject to change

Initially Prepared Plan and Final Regional Water Plan Process Schematic (from TWDB)



7.4 - Suggested Action

“The Brazos G Regional Water Planning Group approves the Technical Consultant to coordinate with the Chair and Administrator and submit the 2026 Brazos G Initially Prepared Plan and accompanying digital deliverables, as necessarily modified for final submittal to the Texas Water Development Board by March 3, 2025, and to distribute digital and/or physical copies of the submitted Initially Prepared Plan to all required libraries and county clerk offices in the Brazos G Region.”



Item 7.5 - Discussion and possible action in consideration of the IPP public hearing date and authorization of the RWPG Sponsor to publish the 30-day notice of the public hearing.

Date	Schedules Events/Tasks
March 3, 2025	Initially Prepared Plan Due
April / May 2025 (TBD)	IPP Public Comment Meeting (30-day Before, 60-day After)
<i>August 2025</i>	<i>Socioeconomic Impact Report Released to RWPGs</i>
July / August 2025 (TBD)	RWPG and/or Technical Committee Meeting: Review Comments
Sept / Oct 2025	RWPG Meeting: Final RWP Approval (2-week Notice, 7-day posting)
October 20, 2025	Final Regional Water Plan Due

Next meeting dates

- IPP Public Hearing (April/May 2025)
- Regular RWPG Meeting (Summer 2025)

7.5 - Suggested Actions

1. “The Brazos G Regional Water Planning Group approves scheduling of the public hearing to receive comments on the 2026 Brazos G Initially Prepared Plan on _____, 2025, and further authorizes the RWPG Administrator to publish the 30-day notice of the public hearing.

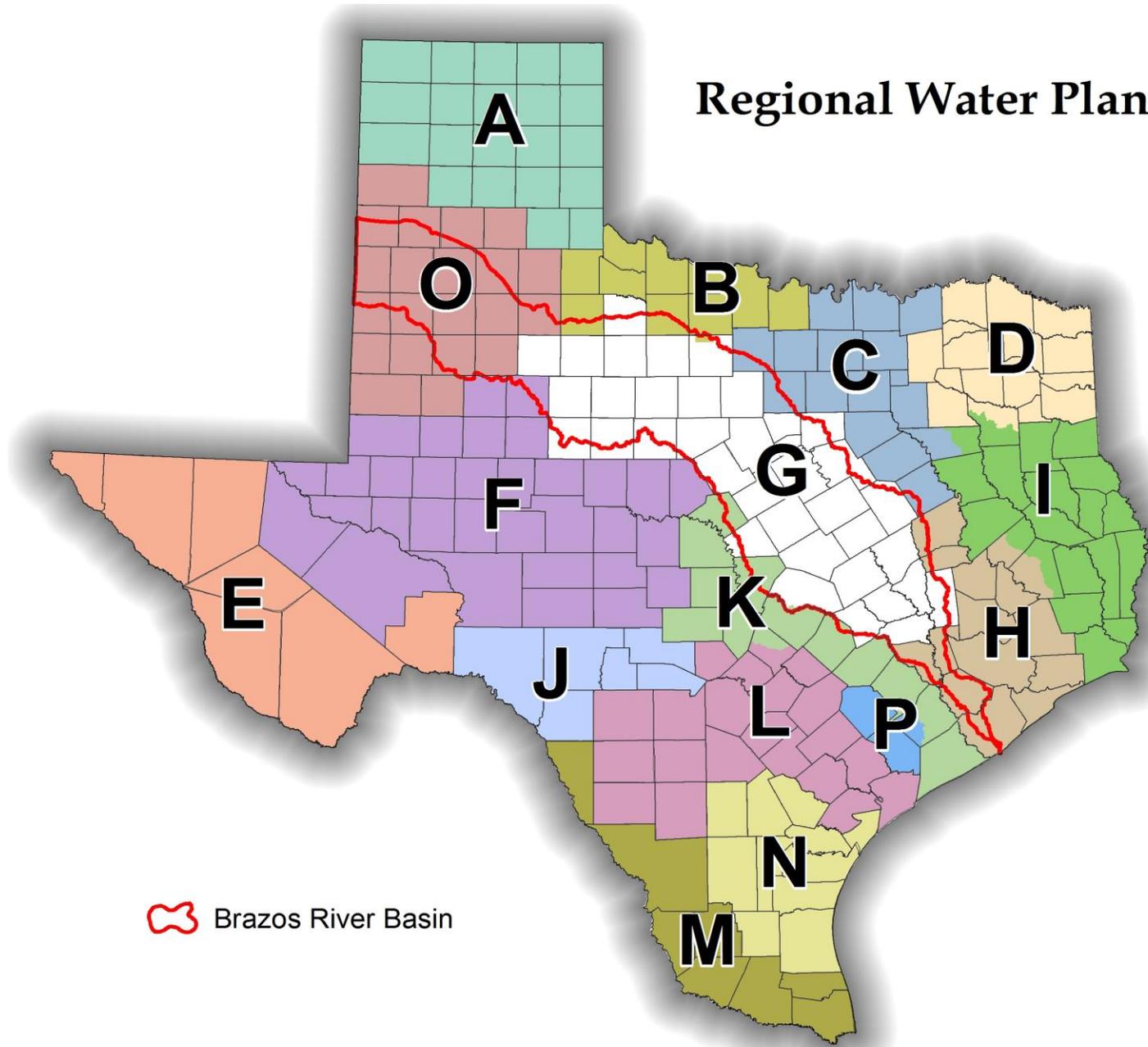
Tony L. Smith, P.E.
TLSmith@carollo.com





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

Regional Water Planning Groups



- A** Panhandle
- B** Region B
- C** Region C
- D** North East Texas
- E** Far West Texas
- F** Region F
- G** Brazos G
- H** Region H
- I** East Texas
- J** Plateau
- K** Lower Colorado
- L** South Central Texas
- M** Rio Grande
- N** Coastal Bend
- O** Llano Estacado
- P** Lavaca

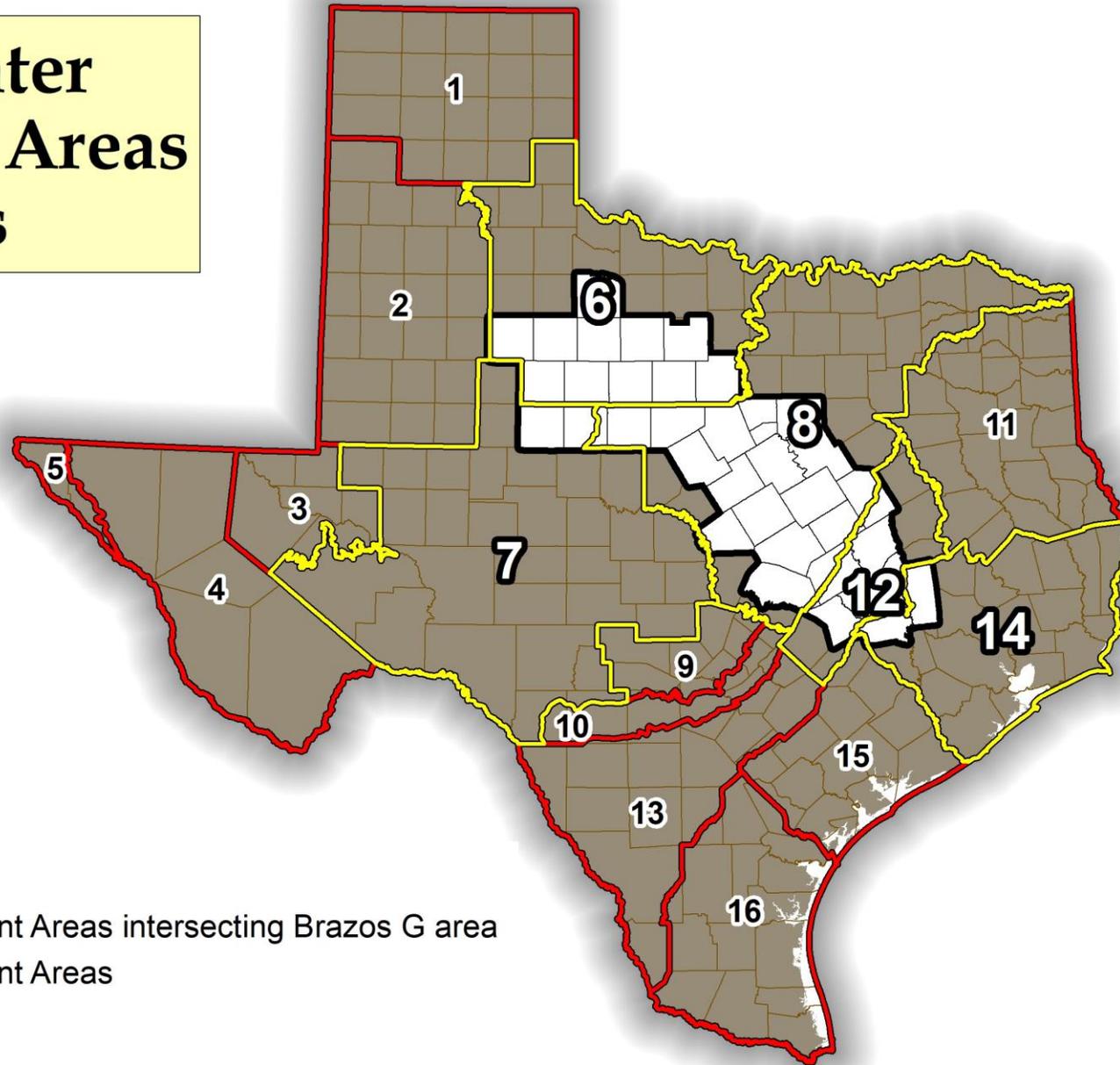
 Brazos River Basin



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

9.1 Discussion on presentation of Managed Aquifer Recharge in Rolling Plains GCD

Groundwater Management Areas of Texas



GMA's in Brazos G:
6, 7, 8, 12, 14

-  Brazos G Area
-  Groundwater Management Areas intersecting Brazos G area
-  Groundwater Management Areas



Lynn Smith, P.G., General Manager

@

Rolling Plains Groundwater Conservation District

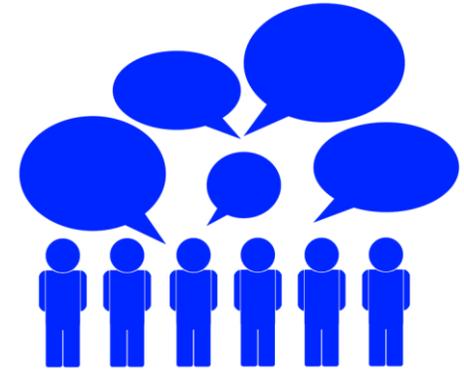
Managing groundwater is the art of getting people to do something they don't want to do without getting shot in the process.

Groundwater Conservation Districts

- Created by Legislature/Approved by Local election
- Independent Governmental Entity
- Funded by taxes and/or fees
- Statutory authority via TWC Chapter 36 & local legislation
- Establish Rules/Levy Penalties
- Right to enter land (similar to a Game Warden)
- Conduct Recharge Activities (TWC 36.103, 36.1071, and 36.1086)

Managing Groundwater

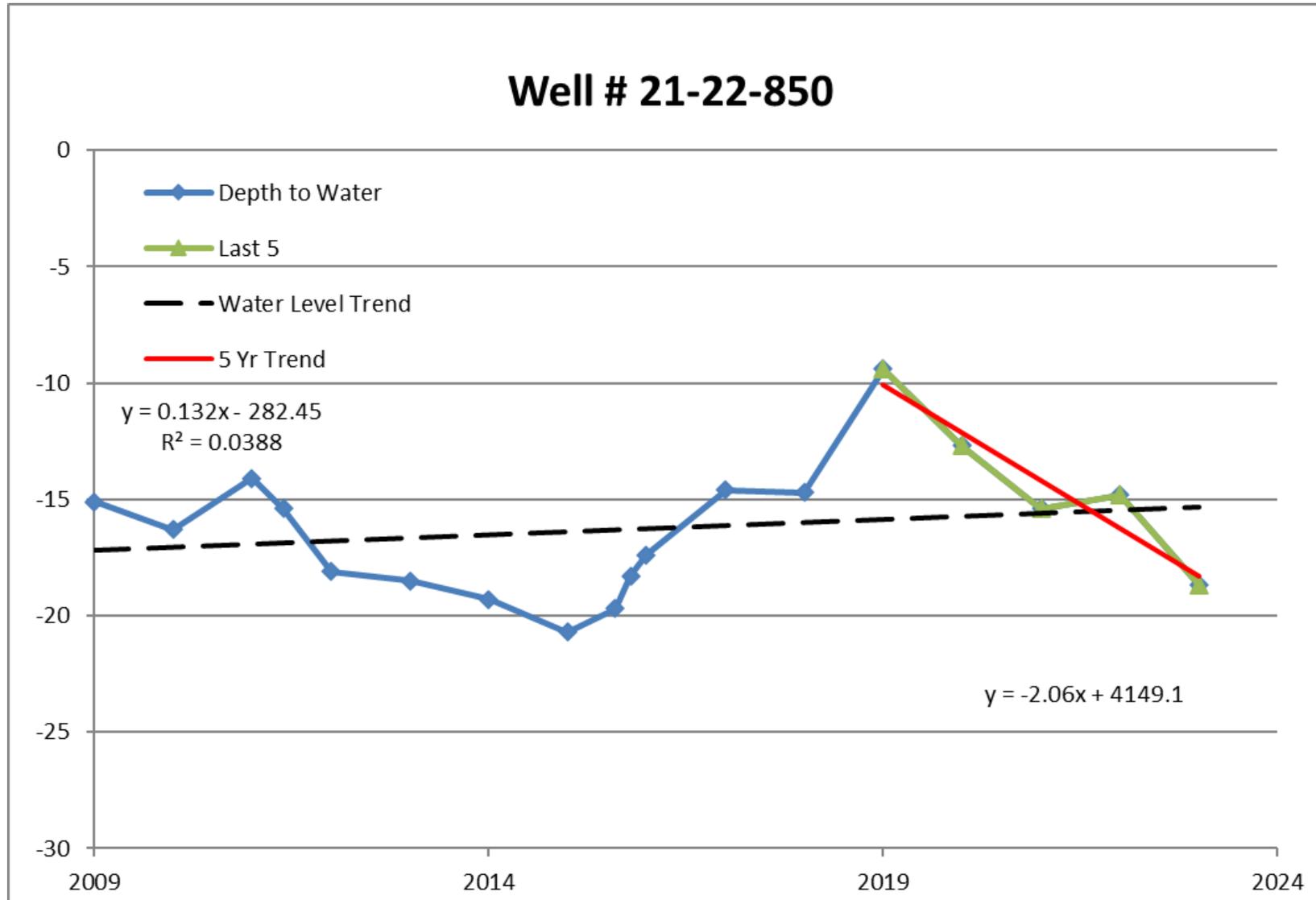
- Programs
 - Education
 - Water Levels
 - Water Chemistry
 - Meter Grant for Ag
 - Internship
 - Weather Station
 - Weather Modification
 - Managed Aquifer Recharge



Seymour Aquifer

- Seymour Aquifer – sand, gravel, & clay, 30-90 feet thick
- Occurs in Pods in about 20 counties
- About half full of water in RPGCD
- Agriculture and Public Supply are major users
- Documented Regional Declines in Water Levels
- Rate of Decline has Increased over the past 5 Years
- Favorable Characteristics for Managed Aquifer Recharge

Rolling Plains GCD



Managed Aquifer Recharge

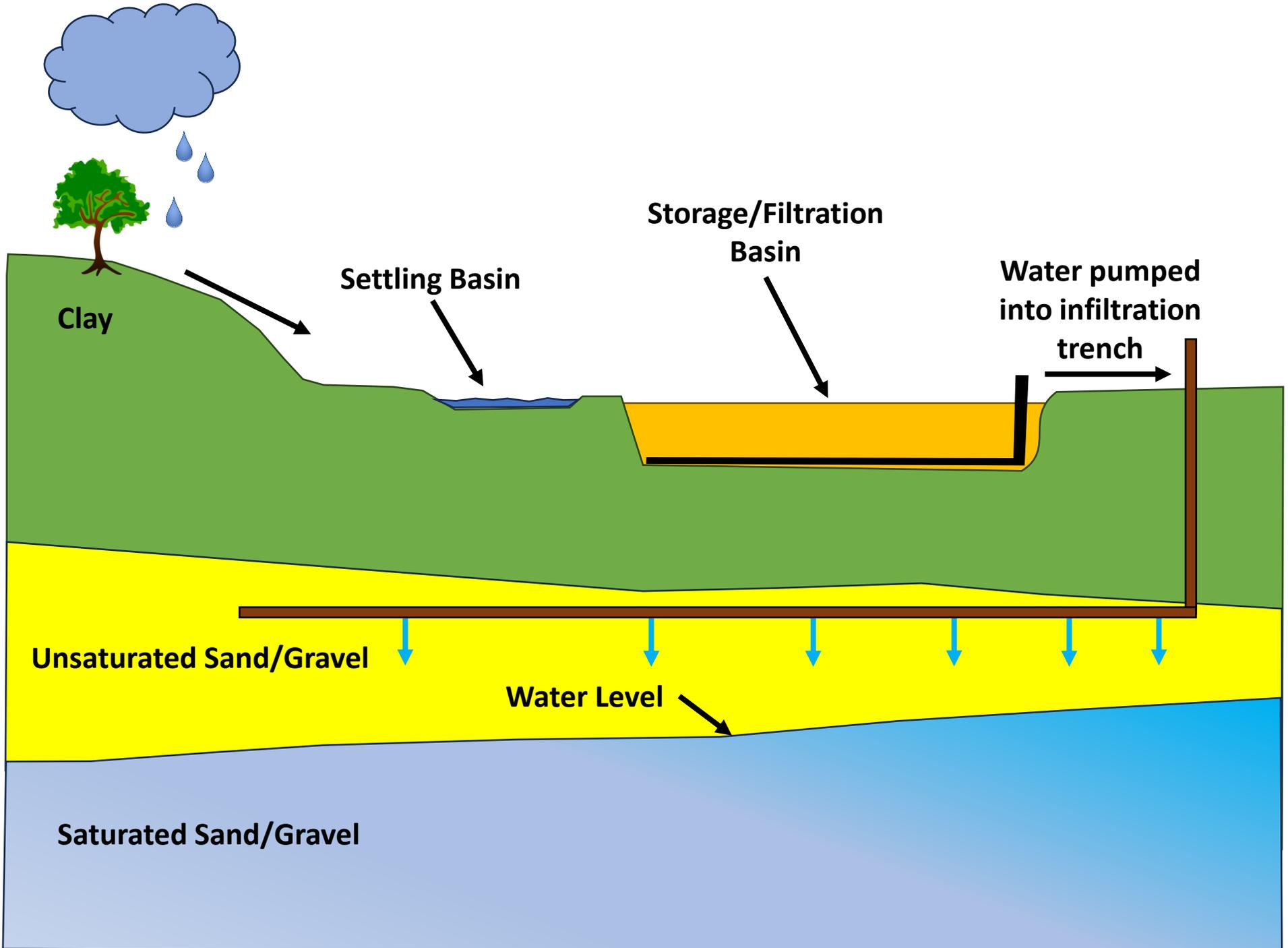
MAR is the intentional, directed, and managed recharge of an aquifer by modifying the topography, soils, or through any other non-natural means.

Bufkin Site (Region B)

- 32 acres in Baylor County
- Signed Contract for Purchase
- VES Survey and GR Log – 2024 Summer Interns
- Water Quality
 - Surface Sampled November 11, 2024
 - Groundwater Sampled December 4, 2024
 - Results were Good
- Currently have \$250K Grant
- Seeking BoR Grant
- Subsurface Testing will occur in 2025
- Currently Flooded

Bufkin Site (Region B)





Myers Site (Region G)

- 17 acres in Haskell County
- Signed Contract for Purchase
- Subsurface Testing will occur in Spring 2025
- Limited Well Data Available
- Existing Data shows Variable Geology

Myers Site (Region G)



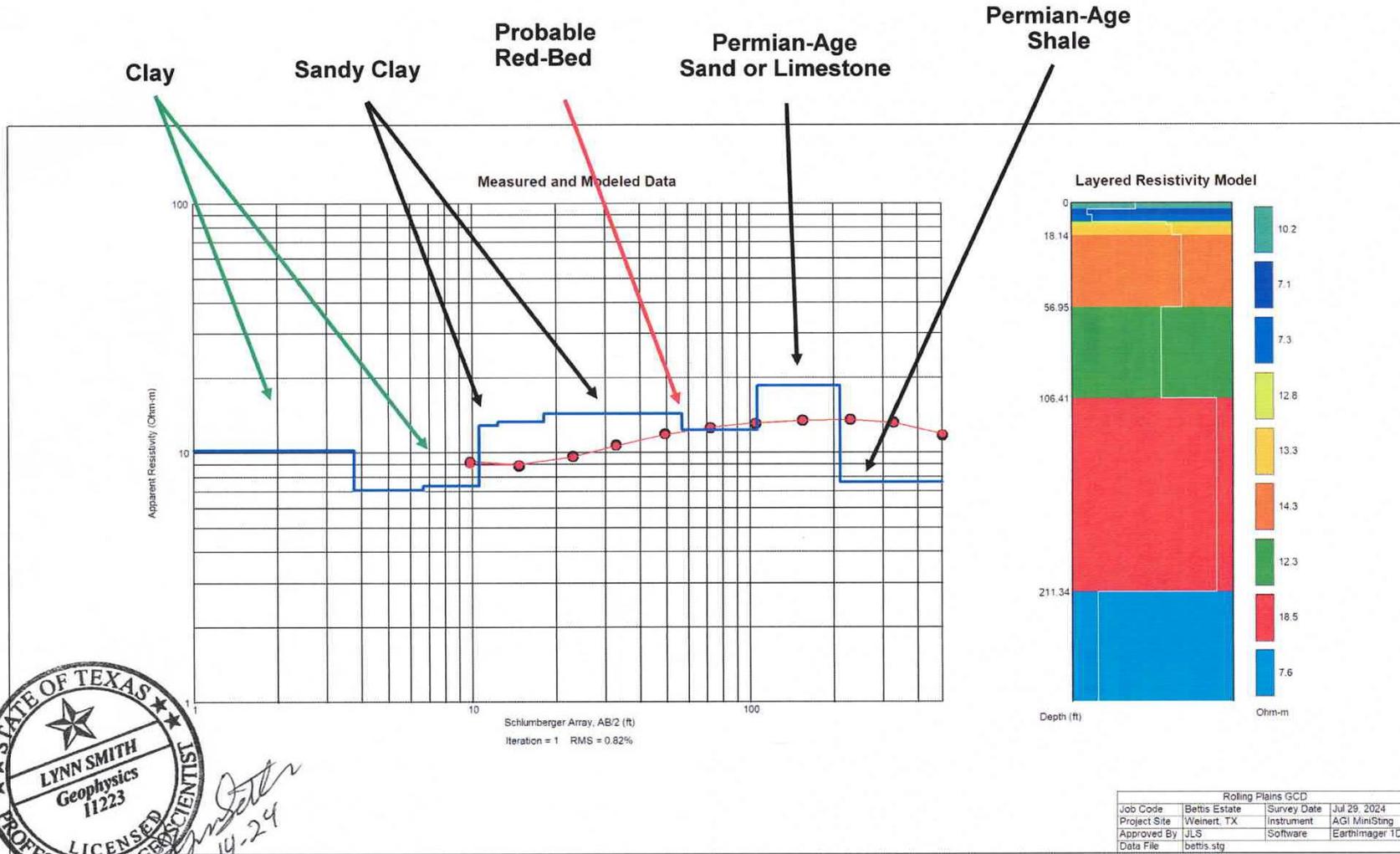
Bettis Site 1 (Region G)

- ~25 acres in Haskell County
- Potentially has Second Site Available
- Shareholders had Favorable Discussion With Staff
- VES Survey and GR Log – 2024 Summer Interns
- Very Limited Well Data Available
- High Water levels May Limit Development??

Bettis Site 1 (Region G)



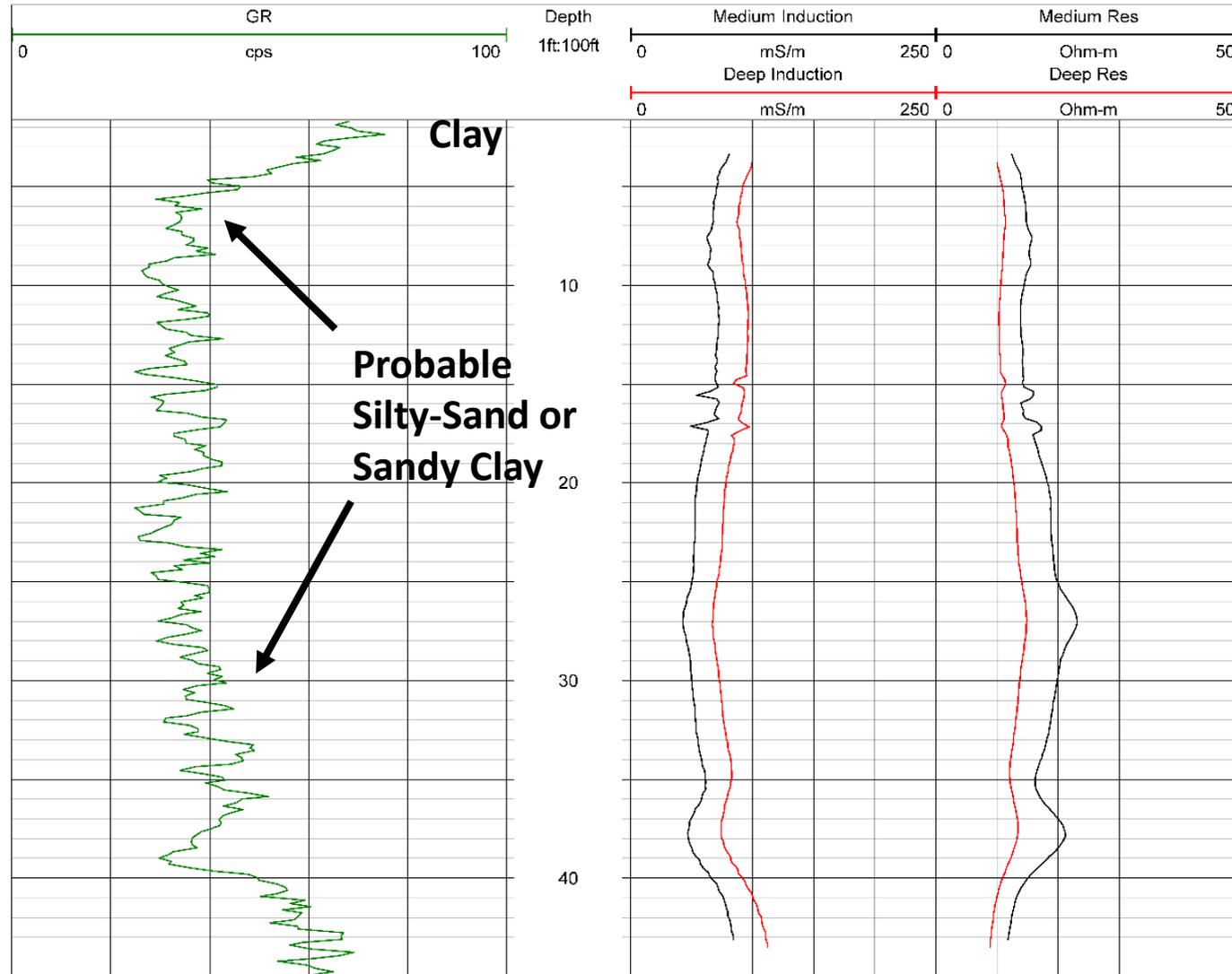
Bettis Site 1 (Region G)

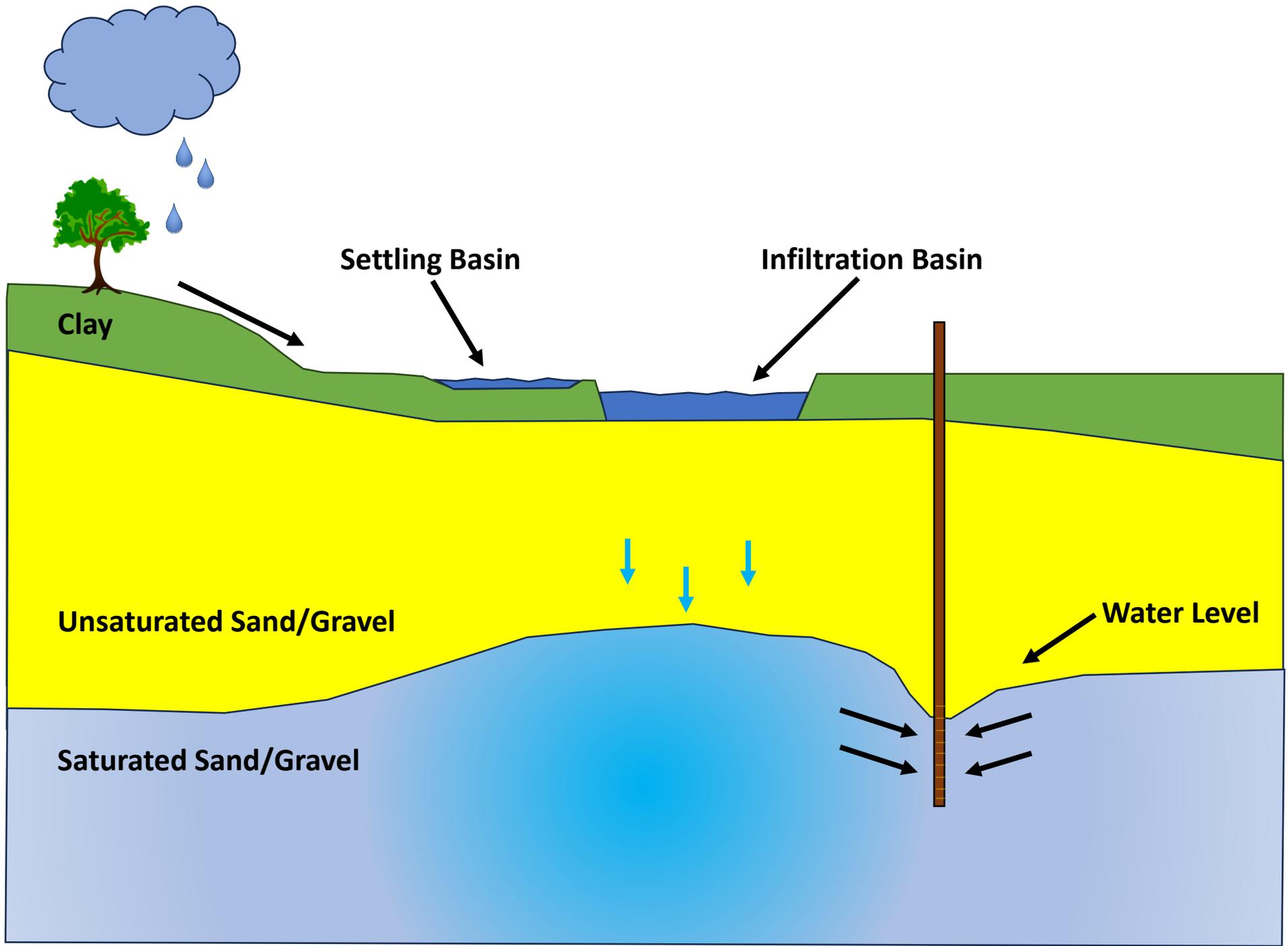


Bettis Site 1 (Region G)



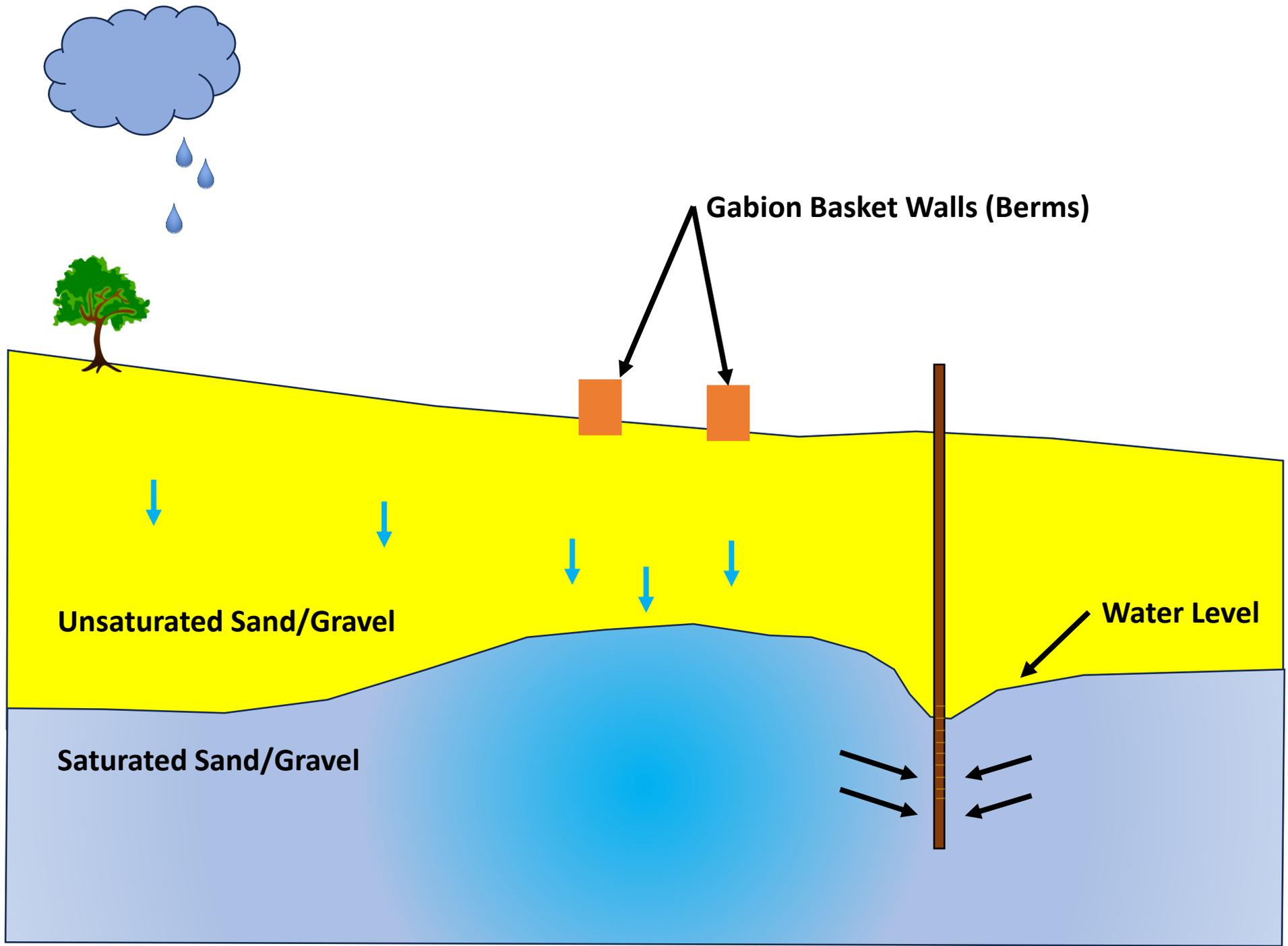
Bettis Site 1 (Region G)





Carter Site (Region G)

- ~540 acres in Haskell County
- Owners open to discussion
- Surface Geology Very Promising
- Subsurface Testing will occur in Summer 2025
- Likely will be Inexpensive to Develop



Gilliland Site (Region G)

- ~120 acres in Knox County
- Owners Willing to Discuss – Likely to be Complex
- Surface Geology Very Promising

Project Funding

- Costs Range from \$100K to \$1.2M Per Site
- \$2.5M District Funds Available
- \$250K Grant from TWDB – 2025 Funds
- \$400K requested from Bureau of Reclamation – Initially denied but invited to reapply
- Certain sites are adjacent to municipal wellfields
- Remaining sites are agricultural in nature
- Flood Mitigation could be benefit
- SWIFT Loans in ~2027

Past Project Timeline

- 2022/2023 – Desktop Study indicated many potential sites within the District
- September 2023 Team Contracts Signed
- October 26, 2023 – Meet with TCEQ staff
- Spring 2024 – Site 1 Access Agreement Secured
- Summer 2024 – Site 1 Investigation Rain Delayed
- Summer 2024 – Intern Field Work
- January 2025 – Site 2 Access Agreement Secured

Future Project Timeline

- February 2025 – Site 3 Access Agreement Discussion
- Spring 2025 – Restart Site Investigations
- Summer 2025 – Finalize Design (1-2 sites)
- Fall 2025 – Final Permitting (1-2 sites)
- Construction will occur during the dry season (winter) for each site pending all approvals and funding
- 2025-2030 – 5 to 15 Additional Sites Secured

Seeking

- Support for listing Aquifer Recharge as a Water Management Strategy in upcoming regional and state water plan.
- Support for listing specific sites as Water Management Projects in upcoming regional and state water plan.



Thank You

Lynn Smith, P.G., General Manager

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(940) 422-1095



10. Report and possible discussion on agency communication and information. (TPWD, TDA, TSSWCB, BBASC, & Interregional Planning Council)





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

11.1. Administrator Report

11.2. Finance Report – Summary of Administrative Tasks and Expenses



12. Discussion and possible action on report from Brazos G Chair



13. Consider Agenda Items and Date for the next Brazos G RWPG public meeting

14. Report, discussion and possible action on the report and recommendation from the Nominating and Bylaws Committee

14.1 Discussion and possible action on the election of Brazos G officers, Chair, Vice Chair, and two (2) At-Large Members of the Executive Committee



15. Adjourn