

REGION H

Water Planning Group

MEETING MATERIALS

April 7, 2021

Common Region H Terms and Conversion Factors

List of Abbreviations

CRU	Collective Reporting Unit
DCP	Drought Contingency Plan
DFC	Desired Future Condition
DOR	Drought of Record
EA	Executive Administrator
EPA	Environmental Protection Agency
FWSD	Fresh Water Supply District
GAM	Groundwater Availability Model
GCD	Groundwater Conservation District
GMA	Groundwater Management Area
GPCD	Gallons Per Capita Per Day
GRP	Groundwater Reduction Plan
IFR	Infrastructure Finance Report
IPP	Initially Prepared Plan
MAG	Modeled Available Groundwater
MPC	Master Planned Community
MUD	Municipal Utility District
MWP	Major Water Provider
PDSI	Palmer Drought Severity Index
PWS	Public Water Supply
RFIG	Regional Flood Planning Group
RHWPG	Region H Water Planning Group
ROR	Run-of-River
RWP	Regional Water Plan
RWPA	Regional Water Planning Area
RWPG	Regional Water Planning Group
SWIFT	State Water Implementation Fund for Texas
SWP	State Water Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TPWD	Texas Parks and Wildlife Department
TWC	Texas Water Code
TWDB	Texas Water Development Board
UCM	Unified Costing Model
URS	Unique Reservoir Site
USS	Unique Stream Segment
WAM	Water Availability Model
WCID	Water Control and Improvement District
WCP	Water Conservation Plan
WMS	Water Management Strategy
WRAP	Water Rights Analysis Package
WUD	Water Utility Database
WUG	Water User Group
WWP	Wholesale Water Provider

Water Measurements

1 acre-foot (AF) = 43,560 cubic feet = 325,851 gallons

1 acre-foot per year (ac-ft/yr) = 325,851 gallons per year = 893 gallons per day

1 gallon per minute (gpm) = 1,440 gallons per day = 1.6 ac-ft/yr

1 million gallons per day (mgd) = 1,000,000 gallons per day = 1,120 ac-ft/yr

Region H Water Planning Group
10:00 AM Wednesday
April 7, 2021
Publicly Accessible Webinar/Telephone Conference
(details below)

AGENDA

1. Call to order.
2. Introductions.
3. Review and approve minutes of February 3, 2021 meeting.
4. **Receive public comments on specific issues related to agenda items 5 through 17.** (Public comments limited to 3 minutes per speaker)
5. Discuss vacancies on the Region H Water Planning Group (RHWPG), accept the resignation of Pudge Willcox as a voting member, declare two vacancies for Agriculture representatives, and appoint a new voting member representing Agriculture.
6. Consider and appoint a non-voting member to the Region 6 San Jacinto Regional Flood Planning Group and liaisons to the East Texas Water Planning Group (Region I) and the Region 8 Lower Brazos Regional Flood Planning Group.
7. Discuss and consider taking action to nominate RHWPG members to serve as a member and alternate to the Interregional Planning Council.
8. Receive update on non-voting membership on the RHWPG.
9. Receive presentation from the City of Houston on the City's Wholesale Water Conservation Program.
10. Receive update on the 87th Texas Legislative Session.
11. Receive update regarding the schedule and milestones for the development of the 2026 Region H Regional Water Plan (RWP).
12. Receive update on the submittal of an application for funding and the scope of work for the Sixth Cycle of Regional Water Planning (2022-2026).
13. Discuss and consider taking action authorizing the San Jacinto River Authority to request statements of qualifications to prepare the 2026 Region H RWP on behalf of the RHWPG in accordance with 31 TAC 355.92(c).
14. Discuss potential timing and options for resuming in-person RHWPG meetings.
15. Receive report regarding recent and upcoming activities related to communications and outreach efforts on behalf of the RHWPG.
16. Receive presentation from TWDB on the Statewide ASR-AR Suitability Survey.
17. Agency communications and general information.
18. **Receive public comments.** (Public comments limited to 3 minutes per speaker)
19. Next Meeting: July 7, 2021.
20. Adjourn.

HOW TO PARTICIPATE IN THE PUBLIC MEETING

Notice is hereby given to all interested members of the public that the Region H Water Planning Group will hold a public meeting **via webinar / telephone conference call** pursuant to Texas Government Code, Section 551.125, as amended, and as modified by the temporary suspension of various provisions thereof effective March 16, 2020, by the Governor of Texas in accordance with the Texas Disaster Act of 1975, all as related to the Governor's proclamation on March 13, 2020, certifying that the COVID-19 pandemic poses an imminent threat of disaster and declaring a state of disaster for all counties in Texas. The webinar will begin **at 10:00 a.m. on April 7, 2021** and is anticipated to conclude at noon. If you anticipate providing verbal comment at the public meeting and have email access, please contact info@regionhwater.org prior to the meeting to facilitate an accurate estimate of the number of speakers.

If you choose to participate via the webinar link below, you WILL have the opportunity to provide comments during the designated portion of the meeting.

Webinar Link: <https://attendee.gotowebinar.com/register/1932939656195007759>

After registering, you will receive a confirmation email containing information about joining the webinar.

If you choose to participate via the **GoToWebinar App**, you WILL have the opportunity to provide comments during the designated portion of the meeting.

Please use Webinar ID: [996-735-315](#).

If you choose to participate in the meeting using the conference call number below, you will NOT have the opportunity to provide comments during the designated portion of the meeting. The conference call phone number is provided for LISTENING PURPOSES ONLY.

Telephone conference call phone number: [\(562\) 247-8422](#) and the audio access code is [666-328-804](#).

All members of the public may participate in the meeting via webinar, Webinar App, or telephone conference call.

Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact Cynthia Bowman at (936) 588-3111 at least three business days prior to the meeting so that appropriate arrangements can be made.

Agenda Item 3

Review and approve minutes of February 3, 2021 meeting.

**REGION H WATER PLANNING GROUP
MINUTES OF REGULAR MEETING
FEBRUARY 3, 2021**

MEMBERS PRESENT: Gary Ashmore, David Bailey, John Bartos, Brad Brunett, James Comin, Mark Evans, Carl Burch, Art Henson, Jace Houston, Robert Istre, Brandon Wade, Glenn Lord, Carl Masterson, Michael Turco, Kevin Ward, and Pudge Willcox.

DESIGNATED ALTERNATES: Loyd Smith for John Blount, Veronica Osegueda for Yvonne Forrest, and Jun Chang for Jimmie Schindewolf.

MEMBER ABSENT: Robert Bruner, Bob Hebert, W.R. Baker, Marvin Marcell, James Morrison, Ivan Langford, and William Teer.

1. CALL TO ORDER

The meeting was called to order at 10:12 a.m.

2. INTRODUCTIONS

Kathleen Jackson, Director of the Texas Water Development Board stated that she was looking forward to the various strategies and projects that will emerge in the Sixth State Water Planning Cycle.

3. REVIEW AND APPROVE MINUTES OF SEPTEMBER 2, 2020, MEETING

Mr. Houston made a motion to approve the minutes of the September 2, 2020, regular Region H Water Planning Group meeting. The motion was seconded by Mr. Lord and carried unanimously.

4. RECEIVE PUBLIC COMMENTS ON SPECIFIC ISSUES RELATED TO AGENDA ITEMS 5 THROUGH 17

There were no comments.

5. RECEIVE UPDATE ON AND DISCUSS REGIONAL WATER PLANNING GROUP MEMBERSHIP FOR THE SIXTH ROUND OF REGIONAL WATER PLANNING

Mr. Taucer provided an overview of the Region H Water Planning Group membership, citing that the group is made up of twenty-six members and twelve interest groups of broad distribution and diverse backgrounds. He noted the current voting members and current non-voting members.

6. ACCEPT THE RESIGNATION OF JIMMIE SCHINDEWOLF AS A VOTING MEMBER OF THE REGION H WATER PLANNING GROUP (RHWPG) REPRESENTING WATER DISTRICTS, DECLARE A VACANT POSITION, AND CONSIDER TAKING ACTION TO APPOINT A NEW VOTING MEMBER REPRESENTING WATER DISTRICTS

Mr. Houston made a motion to accept the resignation of Jimmie Schindewolf as a voting member of the Region H Water Planning Group, declare the position vacant, and to appoint Jun Chang as the new voting member representing Water Districts. The motion was seconded by Mr. Masterson and carried unanimously.

7. DISCUSS AND ELECT OFFICERS AND MEMBERS OF THE EXECUTIVE COMMITTEE OF THE RHWPG

Mr. Evans stated the current members of the Executive Committee are up for election for a one-year term, and announced the current slate of officers: Mark Evans, Chair; Marvin Marcell, Vice-Chair; Jace Houston, Secretary; and John Bartos and Pudge Willcox, Members. Each of the members expressed their willingness to continue serving in their respective capacity, with the exception of Mr. Willcox, who resigned as a Member of the Executive Committee. Mr. Masterson made a motion to re-elect the current slate of officers along with Member John Bartos for a one-year term and declared Mr. Willcox's position vacant until the item can be addressed at the next meeting. The motion was seconded by Mr. Ward and carried unanimously.

8. REVIEW REGION H COMMITTEE AND LIAISON ASSIGNMENTS FOR DEVELOPMENT OF THE 2026 REGION H REGIONAL WATER PLAN (RWP)

Mr. Taucer explained the various committees that meet during the course of the planning cycle along with the responsibilities of same. Mr. Evans stated as the Executive Committee Chair, he will review each committee and current members for the upcoming cycle.

9. CONSIDER AND APPOINT A NON-VOTING MEMBER TO THE REGION 6 SAN JACINTO REGIONAL FLOOD PLANNING GROUP

Mr. Evans explained that the Region 6 San Jacinto Regional Flood Planning Group requested the Region H Water Planning Group to appoint a non-voting member to their group. Mr. Turco stated that he will be attending the upcoming meetings as a representative of the Harris-Galveston Subsidence District, and will provide an updated related to the responsibilities of the non-voting member at the next Region H Water Planning Group meeting. Mr. Evans requested this item be tabled until the April 7, 2021, Region H Water Planning Group meeting.

10. DISCUSS AND CONSIDER TAKING ACTION AUTHORIZING THE SAN JACINTO RIVER AUTHORITY TO USE FUNDS FROM THE REGION H LOCAL CONTRIBUTION ACCOUNT TO PAY FOR RENEWAL OF DIRECTORS AND OFFICERS LIABILITY INSURANCE FOR RHWPG MEMBERS

Mr. Houston provided a brief overview of the account history and balance. Mr. Ward made a motion to authorize the San Jacinto River Authority to use funds from the Region H Local Contribution account to pay for the renewal of director and officer liability insurance for RHWPG members. The motion was seconded by Mr. Masterson and carried unanimously.

11. RECEIVE UPDATE REGARDING THE SCHEDULE AND MILESTONES FOR THE DEVELOPMENT OF THE 2026 REGION H RWP

Mr. Taucer explained the working timeline for the initial contracts and Request for Application related to the Sixth Cycle of Regional Water Planning provided by the Texas Water Development Board.

12. RECEIVE PRESENTATION FROM TEXAS WATER DEVELOPMENT BOARD REGARDING THE PROCESS FOR AND PREPARATION OF AN APPLICATION FOR A REGIONAL WATER PLANNING GRANT FROM THE TEXAS WATER DEVELOPMENT BOARD FOR FUNDING OF THE SIXTH ROUND OF REGIONAL WATER PLANNING FOR REGION H

Mr. Bookout provided information related to the anticipated timeline for initial Request for Applications (RFA) for the Sixth Cycle of Regional Water Planning. He provided an overview related to contracting and initial scope of work.

13. RECEIVE PRESENTATION ON THE SUBMITTAL OF AN APPLICATION FOR FUNDING AND THE SCOPE OF WORK FOR THE SIXTH CYCLE OF REGIONAL WATER PLANNING (2022-2026)

Mr. Taucer provided information related to the Sixth Cycle of Regional Water Planning. He stated that the Water Planning Group previously authorized the San Jacinto River Authority to prepare and submit the grant application; post public notice; and negotiate and execute a contract with Texas Water Development Board. Mr. Taucer then reviewed the various aspects of the application process.

14. DISCUSS AND CONSIDER TAKING ACTION AUTHORIZING THE SAN JACINTO RIVER AUTHORITY TO PROVIDE PUBLIC NOTICE AND HOLD A PRE-PLANNING PUBLIC MEETING TO OBTAIN PUBLIC INPUT ON DEVELOPMENT OF THE 2026 RWP AND 2027 STATE WATER PLAN.

Mr. Taucer explained the various elements related to public input relative to the development of the 2026 Regional Water Plan and the 2027 State Water Plan. He stated that the meeting is likely to occur in the later part of the year, prior to the technical analysis and is one of largest notification cycles in the planning period. Mr. Bartos made a motion to authorize the San Jacinto River Authority to provide public notice and hold a pre-planning public meeting to obtain public input on the development of the 2026 Regional Water Plan and the 2027 State Water Plan. The motion was seconded by Mr. Masterson and carried unanimously.

15. RECEIVE PRESENTATION FROM TEXAS WATER DEVELOPMENT BOARD REGARDING THE ACTIVITIES AND RECOMMENDATIONS OF THE INTERREGIONAL PLANNING COUNCIL

Ms. Temple McKinnon provided an overview of the activities and select recommendations of the Interregional Planning Council to TWDB such as Regional Water Planning process revisions; TWDB Communications and information sharing; and revisions to planning requirements for enhanced interregional coordination. She then provided a summary of the TWDB actions.

16. RECEIVE REPORT REGARDING RECENT AND UPCOMING ACTIVITIES RELATED TO COMMUNICATIONS AND OUTREACH EFFORTS ON BEHALF OF THE RHWPG

Mr. Taucer had nothing to report.

17. AGENCY COMMUNICATIONS AND GENERAL INFORMATION.

Lann Bookout provided information related to TWDB's mining water use study; the 5-year boundary review process; and the flood planning website.

18. RECEIVE PUBLIC COMMENTS

There were no public comments.

19. NEXT MEETING

The next Region H Water Planning Group meeting is tentatively scheduled for April 7, 2021.

20. ADJOURN

Without objection, the meeting was adjourned at 11:25 a.m.

Agenda Item 5

Discuss vacancies on the Region H Water Planning Group (RHWPG), accept the resignation of Pudge Willcox as a voting member, declare two vacancies for Agriculture representatives, and appoint a new voting member representing Agriculture.

Agenda Item 5

RWPG Vacancies

Action:

1. Accept the resignation of Pudge Willcox.
2. Declare vacant positions.
3. Appoint a new voting member representing Agriculture.



February 23, 2021

Hon. Mark Evans, Chair

Region H Water Planning Group

P.O. box 2342

Trinity, Texas 75862

Dear Mark,

I would like to formally tender my resignation as a member of the Region H WPG effective with the next meeting of the group. I have enjoyed the opportunity to participate in this process and appreciate all of the effort that everyone puts forth. I trust that the recent freeze event will serve as a wake up call for everyone to become more aware of the importance of planning for our future water supplies.

As a representative of Agriculture, I would like to recommend Caleb Cooper as a replacement for my position. I have attached a bio from Caleb and you will note that he is well qualified to represent the field of agriculture. I have also visited with him and he would look forward to serving in this capacity.

Again, I have appreciated this opportunity and wish everyone well as you begin the next round of planning for Region H. If you have any questions or need additional information, please feel free to call.

Sincerely,

A handwritten signature in blue ink that reads "Pudge". The signature is written in a cursive, flowing style.

Pudge Willcox

Box, 1089

Anahuac, Tx 77514

Caleb Cooper was born and raised in Fannett, Texas, a small community in Southeast Texas on the Gulf Coast.

Although Caleb wasn't raised in a family of Agriculture producers, he found ways to immerse himself in the industry at every opportunity. From working on a local cattle ranch, fitting & showing cattle, breeding Registered Simmentals, then buying & selling replacement heifers; Caleb always knew his passion would lead him to a career in beef cattle production.

Following high school, Caleb headed to Texas A&M University. While studying at A&M, Caleb was fortunate to have the opportunity to work with several outstanding stocker operations. Soon after graduation with a Bachelor's Degree in Animal Science, Caleb was offered an opportunity with the historic Middleton Ranch in Anahuac, Texas.

Middleton Ranch is a vast farming and ranching operation, with one of its primary focuses being cow/calf operations. Caleb still continues day to day management of the Brahman influenced cow herd where he oversees herd health, breeding and forage improvements as well as coordinating all aspects of farming on the ranch.

Caleb and his wife, Katie, reside in Winnie with their newborn son, Cheney. Katie, a Texas A&M graduate with a Bachelor's Degree in Agriculture Economics, manages a fertilizer plant alongside her family in Winnie, Texas. With their combined knowledge of forage improvement and good cattle, Caleb and Katie enjoy raising 3/4 Brahman heifers, stocker cattle and breeding Quarter Horses. They also operate an Ag service business in the community applying fertilizer for local ranchers, dirt work and other essential ranch services. Anyone who knows Caleb can tell you when he has an idea, he'll work tirelessly until he succeeds.

Caleb's continued passion for ranching has allotted him many opportunities throughout the past decade that he is extremely grateful for. When you meet Caleb, you'll immediately see he considers it a blessing to have the opportunity to help his fellow producers market their cattle in today's tough, competitive climate and looks forward to working with clients in all aspects of beef cattle marketing.

CMC Ag Services, LLC
16534 Hamshire Rd
Winnie, Texas 77665

409-781-1576 cell

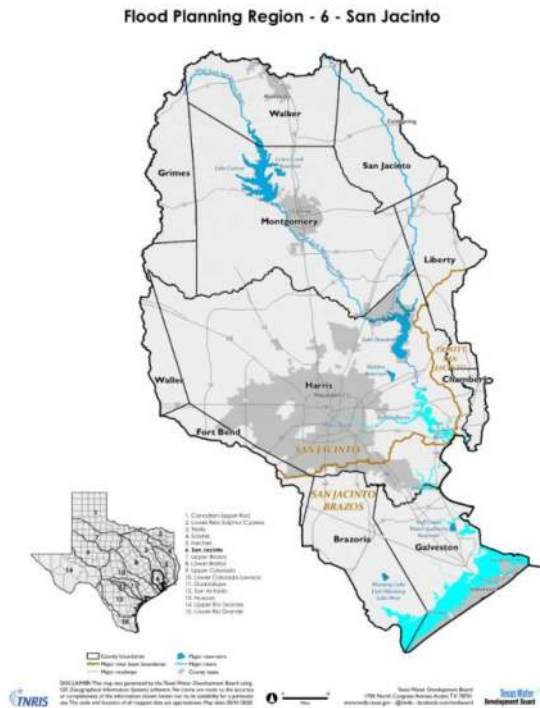
Agenda Item 6

Consider and appoint a non-voting member to the Region 6 San Jacinto Regional Flood Planning Group and liaisons to the East Texas Water Planning Group (Region I) and the Region 8 Lower Brazos Regional Flood Planning Group.

Agenda Item 6

RFPG and RWP Liaisons

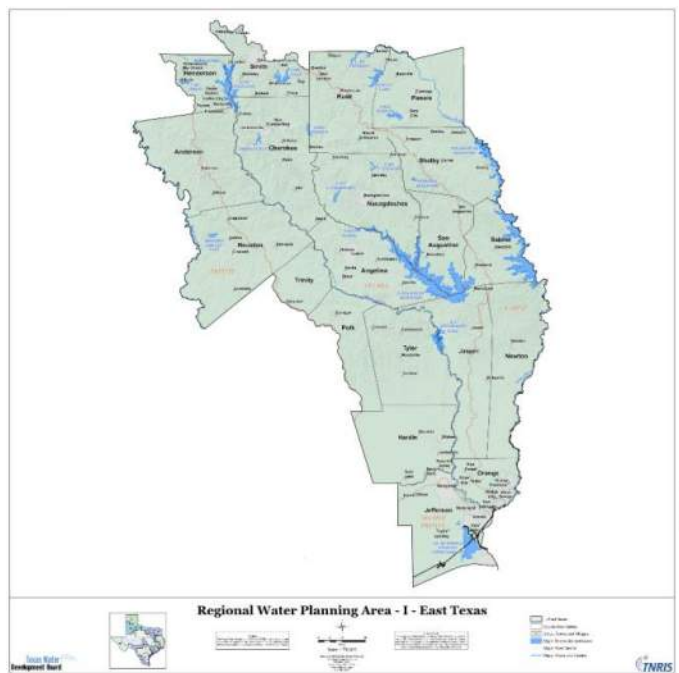
- Region 6 San Jacinto RFPG
- Voted to designate Region H as a non-voting member
 - No set term of office
 - Designated by Region H



Agenda Item 6

RFPG and RWP Liaisons

- East Texas Water Planning Group (Region I)
 - All or part of 20 counties
 - Sabine and Neches Basins
- <https://www.ETEXWATERPLAN.org/>
- Currently no formal Region H liaison to Region I



Agenda Item 6 RFPG and RWP Liaisons

- Region 8 Lower Brazos RFPG
- Designated Glenn Lord as non-voting liaison to RHWPG



Agenda Item 6 RFPG and RWP Liaisons

Action:

Appoint:

1. A non-voting member to the Region 6 San Jacinto RFPG.
2. A liaison to the East Texas RWPG.
3. A liaison to the Region 8 Lower Brazos RFPG.

Agenda Item 7

Discuss and consider taking action to nominate RHWPG members to serve as a member and alternate to the Interregional Planning Council.

Agenda Item 7

Interregional Planning Council

- Created by HB 807 (86th Legislature)
- Nominated by RWPGs and appointed by TWDB
- Purposes
 - Improve coordination
 - Facilitate dialog on WMS
 - Share operational best practices



Agenda Item 7

Interregional Planning Council

Action:

Nominate RHWPG members to serve as a member and alternate to the Interregional Planning Council



Agenda Item 8

Receive update on non-voting membership on the RHWPG.

Agenda Item 8

Non-Voting Membership

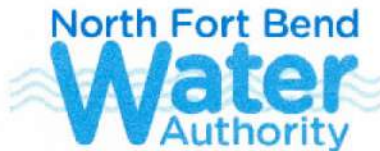
- North Fort Bend Water Authority
 - Major Water Provider
 - Non-voting discretionary member

- Matthew L. Froehlich, PE

- NFBWA Program Manager

- No RHWPG action required





February 25, 2021

Mark Evans, Chair
Region H Planning Group

(Via email: info@regionhwater.org, mevans@nhcrwa.com, Courtney.Corso@freese.com)

Re: Regional H Water Planning Group Representative for North Fort Bend Water Authority
(the "Authority")

Dear Mr. Evans:

The North Fort Bend Water Authority would like to update our non-voting representative on the Region H Planning Group to Matthew L. Froehlich, P.E of BGE, Inc. Mr. Froehlich serves as the Authority's Program Manager. He can be contacted at 713-488-8284 and mlfroehlich@bgeinc.com. Please let us know if you need any further information to process this request.

Sincerely,

A handwritten signature in blue ink that reads "Peter Houghton".

Peter Houghton
President, Board of Directors
North Fort Bend Water Authority

c: Justine Cherne, Allen Boone Humphries Robinson, LLP

Agenda Item 9

Receive presentation from the City of Houston on the City's Wholesale Water Conservation Program.



WHOLESALE WATER CONSERVATION PROGRAM

SARAH ROBINSON

PROGRAM DEVELOPMENT LEAD, HOUSTON WATER

STEPHEN CORTES

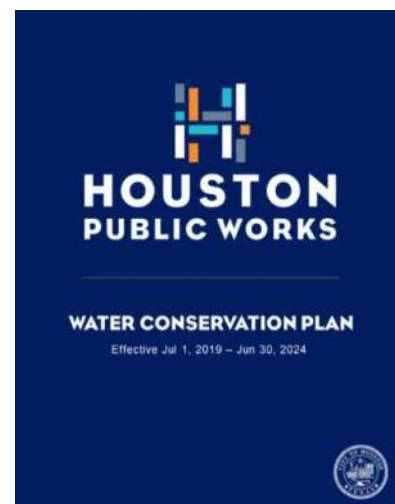
CO-FOUNDER, GOLDWATER



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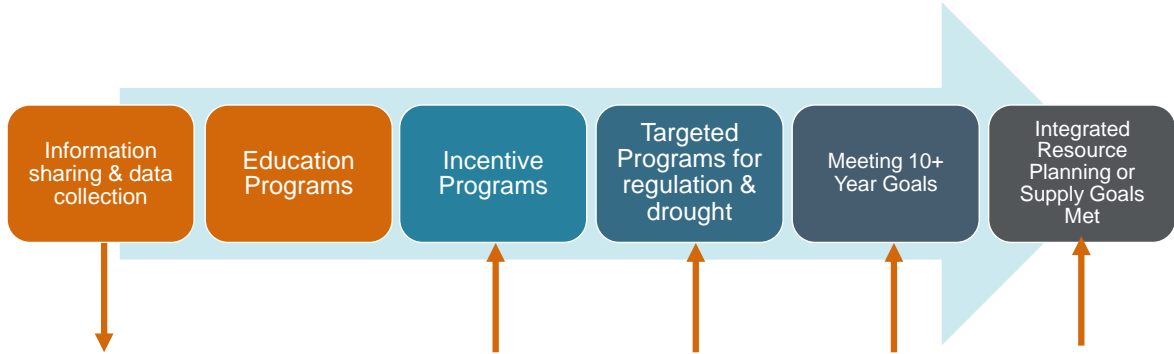
HOUSTON WATER CONSERVATION PROGRAMS

- Updated in 2019 (every 5 years)
- Contains Drought Contingency Plan
- **Plan Goals**
 - **Reduce water demand/consumption**
 - 1.6% every 5 years
 - **Increase water efficiency**
 - Above goal + increase water reuse
 - **Reduce water loss & water waste**
 - 5% every 5 years - target goal of 10% or less



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EVOLUTION OF WATER CONSERVATION PROGRAMS



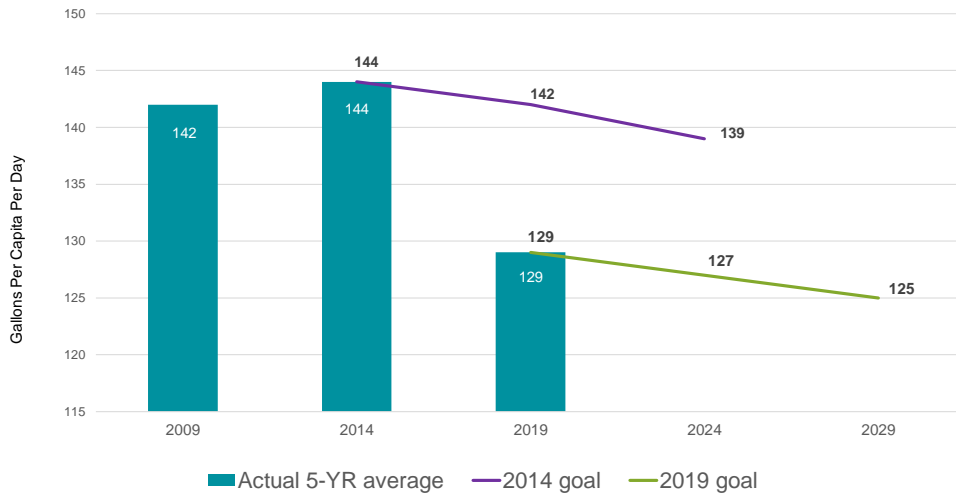
Two Water Conservation Studies (SF, MF, and ICI)

- Texas State University – Utilizes AWE’s Water Conservation Tracking Tool
- University of Houston – smaller scale study based on land use
- Studies will be completed 4/2020

RFP for a One Water Master Plan

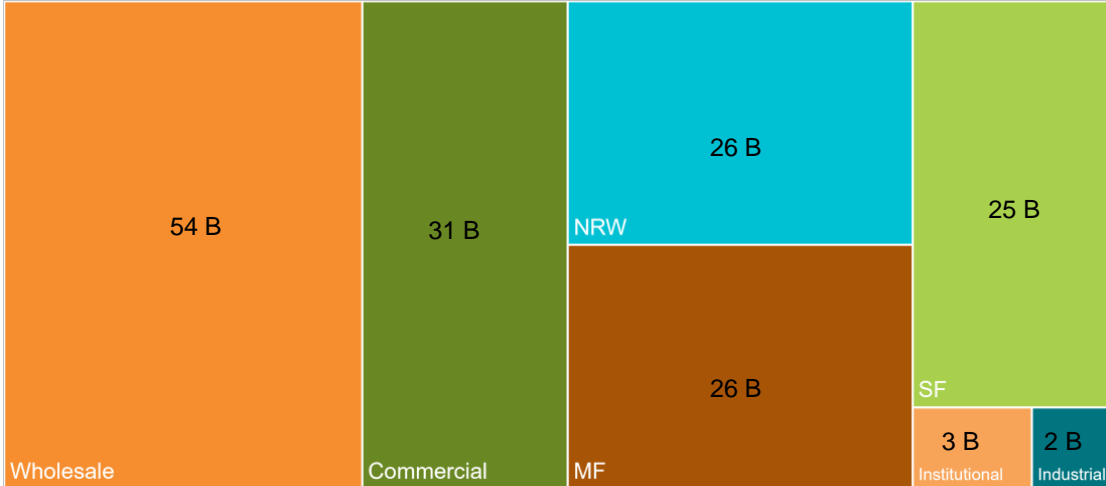
GPCD: BASELINES VS. TARGET GOALS

Target Goal: To reduce consumption by 1.6% every 5 years



2019 WHOLESALE WATER: IN CONTEXT

2019 Houston Water Use by Category



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WHOLESALE CONTRACTS

- 64 treated water contracts (WAs, MUDs, Cities)
- 2019: **54 B gallons**
- Take-or-Pay: no incentive to conserve, **UNLESS**
- Taking the maximum (or close) **AND**
- Need to increase capacity in the near future
- **OR** – getting **ahead** with conservation



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HOUSTON WATER: CHALLENGE

1

Limited Supply. Increasing Demand.

Houston Water provides treated water to **64** cities, municipal utility districts, and regional water authorities.

2

Shared Water Future

No utility is an island. **Conservation** must play a key role in ensuring supply.

3

Difficult to Plan

Planning with stakeholders is **difficult** for this many utilities. The process to quantify conservation activities and coordinate meaningful actionable intelligence for customer utilities is **time-consuming** and **difficult**.

AN INNOVATIVE SOLUTION

1

Dashboard, Analysis & Report

Houston Water will provide all participating utilities with the tools it needs to **achieve their conservation goals** and **reduce demand** in line with their water planning needs.

2

Demand Forecasting

Provides water demand forecasting and conservation planning for utilities of **all** types, sizes, service area attributes, and climates

3

Significant Savings

Wholesale customers **can save 2% – 15%** of total municipal demand and significantly **cut staff time**

WHOLESALE WATER CONSERVATION PROGRAM

GOLDWATER Platform

- Integrated Water Management
- Free tool to Houston Water wholesale customers
- Customers can:
 - Create water conservation **scenarios** by selecting conservation **activities**
 - Select **utility-specific savings** estimates: gallons & cost
 - Assess **peak** and overall **demand** shaving
 - Use annual reports to push implementation forward with decision makers



WHOLESALE SHARED PLATFORM

What is it?

Why is it **valuable** to achieve Houston Water's objectives?





COHESIVE PLANNING FOR MANY UTILITIES

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ADDITIONAL CUSTOMER BENEFITS

- **Annual Report** with all dashboard results
- **Presentation Tool** for city councils and utility boards
- **Disaggregation of Savings** shows true effectiveness of each conservation activity
- **Recommendation Engine®** makes water savings and cost forecasting easy
- **Conservation Plans** in minutes

- New dashboard features integrated every year

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ELIMINATING BARRIERS TO CONSERVATION

- Data integrity
- Seamless communication
- Same data language

Solves:
Conservation staffing problem



WHY SHOULD UTILITIES PARTICIPATE?

- **Free of charge**
- Easily report to Houston Water annually
- Reduce **peak-day** and **peak-season demands**
- **Easily track and quantify** conservation savings
- Assess progress of meeting 5-year water **conservation plan goals**
- Test potential **water savings and cost scenarios** that meet utility planning needs

PLATFORM LAUNCH STATUS

Step 1

- Largest utilities invited and participating
- Second round of utilities ongoing
- Platform data confirmation
- Platform user onboarding



Step 2

- Utilities select and submit water conservation activities to wholesaler
- Utility and Wholesaler Reports issued
- Stakeholder outreach
- Implementation of conservation activities

Sarah Robinson
Program Development Lead
sarah.robinson@houstontx.gov

Stephen Cortes | JD
Goldwater Co-founder
stephen@goldwater.io

Thank You!

Agenda Item 10

Receive update on the 87th Texas Legislative Session.

Agenda Item 10 87th Legislative Session



- 87th Texas Legislature
- Began January 12, 2021
- Concludes May 31, 2021
- Prior sessions have impacted RWP/SWP process



Agenda Item 10 87th Legislative Session

HB 1905

- Removes IFR survey and RWPG prioritization requirements from RWPGs

HB 1874 / SB 673

- Directs TWDB to provide technical assistance to IPC

HB3084

- Directs IPC to identify interregional water projects and potential funding options

HB2103

- Allows telephone or video conference meetings of RWPGs, RFPGs, IPC, and subcommittees

Agenda Item 10 87th Legislative Session

HB2652 / SB 1039

- Advisory board to study surface water / groundwater interaction

HB 2095

- Directs BEG to collect data on surface water / groundwater interaction

HB 4161

- TCEQ guidance for direct potable reuse



Agenda Item 10 87th Legislative Session



HB 2275 / HJR 103

- TWDB Infrastructure Resiliency Fund

SB 995

- Disaster reinvestment fund

SB 1682

- Utility reliability fund

HB4288

- Rate increases and construction timing

HB 749 / SB 234

- Restricts use of public funds by political subdivisions for lobbying

Agenda Item 11

Receive update regarding the schedule and milestones for the development of the 2026 Region H RWP.

Agenda Item 11

2026 RWP Schedule



*Region H accepts public comment throughout the planning cycle and at each RWPG and committee meeting.

Agenda Item 11

2026 RWP Schedule

Date	Scheduled Events/Tasks
04/2021	RWPG Meeting
04/2021	DUE DATE: Grant Application
07/2021	RWPG Meeting
08/2021	DUE DATE: TWDB-RWPG Contract Execution
Q3/2021	RWPG Public Hearing

Agenda Item 12

Receive update on the submittal of an application for funding and the scope of work for the Sixth Cycle of Regional Water Planning (2022-2026).

Agenda Item 12 Region H Application

- 2026 RWP Phase 1
- RFQ released March 12
- Due April 12
- Submitted by SJRA the week following RFQ release

Grant Application To Do:

RWP background

Administrative items

Scope of work

Task budget

Expense budget

Schedule

Assurances

Agenda Item 12 Region H Application

1. Planning Area Description

- Identify MWPs & WWPs
- Summarize existing planning and regional characteristics
- Prepare chapter

2A. Non-Municipal Projections

- Review and modify projections
- Make available to public
- Prepare chapter

2B. Population Demands

- Review and modify projections
- Make available to public
- Prepare chapter

Agenda Item 12 Region H Application

8. RWPG Recommendations

- Stream segment and reservoir site designations
- Legislative recommendations
- Prepare chapter

10. Public Participation

- Public meetings
- Technical and admin. support
- Prepare chapter



Agenda Item 12 Region H Application

Task		Budget
1	Planning Area Description	\$ 19,973
2A	Non-Municipal Projections	\$ 27,318
2B	Population Demands	\$ 92,769
8	RWPG Recommendations	\$ 13,082
10	Public Participation	\$ 134,515
TOTAL		\$ 287,657

Expense Category	Budget
Subcontract Services	\$ 287,657
Voting Member Travel	\$ 0
Political Subdivision Travel	\$ 0
Other Expenses	\$ 0
TOTAL	\$ 287,657



Agenda Item 12

Region H Application

- Notice activities TBD
- TWDB action est. June 2021
- Contract execution by end of August 2021
- Technical analyses start ≈September 2021



Sixth Cycle of Regional Water Planning
Draft Initial Scope of Work¹

Contents

Task 1- Planning Area Description 2

Task 2A - Non-Municipal Water Demand Projections..... 2

Task 2B - Population and Municipal Water Demand Projections 4

Task 8 - Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and
Legislative & Regional Policy Issues 6

Task 10 - Public Participation and Plan Adoption 7

¹ Requirements for each task are further explained in the *General Guidelines for Development of the 2026 Regional Water Plans*. Scope of Work to be amended to incorporate remaining planning tasks necessary to complete the 2026 Regional Water Plans at a later date.

Task 1- Planning Area Description

The objective of this task is to prepare a standalone chapter (in accordance with 31 Texas Administrative Code (TAC) §357.22(b)) to be included in the 2026 Regional Water Plan (RWP) that describes the Regional Water Planning Area (RWPA).

In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work must, in particular, include all work necessary to meet all the requirements of 31 TAC §357.30.

This Task includes, but is not limited to, performing all work in accordance with Texas Water Development Board (TWDB) rules and guidance required to:

- 1) Designate major water providers (MWP) in the RWPA for planning purposes.
- 2) Identify wholesale water providers in the RWPA for planning purposes.
- 3) Review and summarize relevant existing planning documents in the region including those that have been developed since adoption of the previous RWP. Documents to be summarized include those referenced under 31 TAC §357.22.
- 4) Prepare a chapter that describes the RWPA including the following:
 - a. social and economic aspects of a region such as information on current population, economic activity and economic sectors heavily dependent on water resources;
 - b. current water use and major water demand centers;
 - c. current groundwater, surface water, and reuse supplies including major springs that are important for water supply or protection of natural resources;
 - d. Major Water Providers;
 - e. agricultural and natural resources;
 - f. identified water quality problems;
 - g. identified threats to agricultural and natural resources due to water quantity problems or water quality problems related to water supply;
 - h. summary of existing local and regional water plans;
 - i. the identified historic drought(s) of record within the planning area;
 - j. current preparations for drought within the RWPA;
 - k. information compiled by the Board from water loss audits performed by Retail Public Utilities pursuant to 31 TAC §358.6 (relating to Water Loss Audits); and
 - l. an identification of each threat to agricultural and natural resources and a discussion of how that threat will be addressed or affected by the WMSs evaluated in the plan.
- 5) Disseminate the chapter document and related information to Regional Water Planning Group (RWPG) members for review.
- 6) Modify the chapter document based on RWPG, public, and/or agency comments.
- 7) Submit the chapter document to the TWDB for review and approval; and
- 8) Make all efforts required to obtain final approval of the RWP chapter by the TWDB.

Deliverables: A completed Chapter 1 describing the RWPA must be included in the 2026 Initially Prepared Plan (IPP) and 2026 Final RWP.

Task 2A - Non-Municipal Water Demand Projections

The objective of this task is to prepare a chapter (in accordance with 31 TAC §357.22(b)) to be combined with Task 2B and included in the 2026 RWP that describes the projected population and water demands in the RWPA.

In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work must, in particular, include all work necessary to meet all the requirements of 31 TAC §357.31.

TWDB staff will develop draft non-municipal water demand projections for 2030-2080 for all water demand categories unrelated to population (e.g. mining, manufacturing, irrigation, steam-electric power, and livestock) based on the most recent TWDB historical water use estimates. The same methodologies used for the 2022 State Water Plan (SWP) will be applied to the 2027 SWP projections, except for mining demands. The draft mining demand projections will be prepared based on an updated methodology to be developed by the Bureau of Economic Geology through a contracted mining water use study funded by the United States Geological Survey.

TWDB staff will provide draft water demand projections for all associated non-municipal Water User Groups (WUGs) to RWPGs for their review and input.

Each RWPG will review the draft projections and may provide input to the TWDB or request specific changes to the draft projections from TWDB along with justifications and supporting data as specified in the guidance document *General Guidelines for Development of the 2026 Regional Water Plans*. The emphasis of this effort will be on identifying appropriate revisions based on relevant changed conditions that have occurred since the development of the projections used in the 2022 SWP.

If adequate justification is provided by the RWPG to the TWDB, draft water demand projections may be adjusted by the TWDB in consultation with the Texas Department of Agriculture (TDA), Texas Commission on Environmental Quality (TCEQ), and Texas Parks and Wildlife Department (TPWD). Once RWPG input and requested changes are considered, final water demand projections will be adopted by the TWDB's governing Board (Board). The adopted projections will then be provided to each RWPG. RWPGs must use the Board-adopted projections when preparing their RWPs.

TWDB will directly populate DB27 with all WUG-level projections and make related changes to DB27 based on Board-adopted projections.

This Task includes, but is not limited to, performing all work in accordance with TWDB rules and guidance required to:

- 1) Receive and make publicly available the draft non-municipal water demand projections provided by the TWDB.
- 2) Evaluate draft non-municipal water demand projections provided by the TWDB.
- 3) Review comments received from local entities and the public for compliance with TWDB requirements.
- 4) Prepare detailed feedback on draft non-municipal water demand projections, as necessary, including justification and documentation supporting requested changes from the RWPG and/or local entities with a focus on relevant changed conditions that have occurred since the development of the projections used in the 2022 SWP.
- 5) Submit numerical requests for revisions of draft non-municipal water demand projections in an electronic tabular template provided by the TWDB along with required documentation and justification of requested revisions from the RWPG, based on, for example, requests received

from local entities, in accordance with the contract guidance document *General Guidelines for Development of the 2026 Regional Water Plans*.

- 6) Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
- 7) Assist the TWDB, as necessary, in resolving final allocations of water demands to WUGs to conform with any control totals defined by the TWDB, for example, by county and/or region.
- 8) Prepare non-municipal water demand projection summaries for WUGs using final, Board-adopted projections to be provided by the TWDB, as necessary. Any RWPG-created data tables should match the appropriate final data as reported by DB27.
- 9) Modify any associated non-municipal water demand projections for MWP, as necessary based on final, Board-adopted WUG water demand projections.
- 10) Review the TWDB *Water Demand* report(s) from DB27 and incorporate this planning database report(s), unmodified, into any Technical Memoranda, IPP, and adopted RWP .
- 11) Update WWP contractual obligations to supply water to other entities and report this information along with projected demands, including within DB27 and within any planning memorandums or reports, as appropriate.
- 12) Review aggregated water demand projections for MWPs provided by the TWDB. This will include retail demand data if the MWP is a WUG, and contract demand data based on data entered by the RWPG into DB27 if the MWP is a WWP.
- 13) Summarize and present projected water demands for MWPs by category of use for each planning decade and incorporate this table into any Technical Memoranda, IPP, and adopted RWP.
- 14) Disseminate the chapter document and related information to RWPG members for review.
- 15) Modify the chapter document based on RWPG, public, and/or agency comments.
- 16) Submit the chapter document to the TWDB for review and approval; and
- 17) Make all efforts required to obtain final approval of the RWP chapter by the TWDB.

Deliverables: A completed Chapter 2 (including work from both Tasks 2A and 2B) presenting the projected population and water demands must be included in the 2026 IPP and 2026 Final RWP.

Task 2B - Population and Municipal Water Demand Projections

The objective of this task is to prepare a chapter (in accordance with 31 TAC §357.22(b)) to be combined with Task 2A and included in the 2026 RWP that describes the projected population and water demands in the RWPA.

In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work must, in particular, include all work necessary to meet all the requirements of 31 TAC §357.31.

TWDB staff will prepare a new municipal WUG entity list including Collective Reporting Units (CRU) for each RWPG based on the WUG criteria under 31 TAC §357.10(43) with associated historical population and water use estimates and Gallons Per Capita Daily (GPCD) and provide them to RWPGs for their review and input.

RWPGs will then review the draft WUG list and historical population and water use and provide input to the TWDB or request specific changes to the WUG list including water systems included in CRU list and changes/corrections to historical population, water use estimates, or GPCDs.

Once the WUG list is finalized TWDB staff will develop draft population and associated municipal water demand projections for 2030-2080 for all municipal WUGs using data based on the 2020 decennial Census, updated county-level population projections from the Texas Demographic Center, and historical population and water use estimates and growth.

TWDB staff will provide draft population projections and associated water demand projections for all WUGs based on utility service boundaries to RWPGs for their review and input. If adequate justification is provided by the RWPGs to the TWDB, draft population and/or municipal water demand projections may be adjusted by the TWDB in consultation with TDA, TCEQ, and TPWD. Once RWPG input and requested changes are considered, final population and associated water demand projections will be adopted by the Board. The adopted projections, based on utility service areas, will be provided to RWPGs. RWPGs must use the Board-adopted projections when preparing their RWPs.

TWDB will directly populate DB27 with all WUG-level projections and make related changes to DB27 if revisions are made.

This Task includes, but is not limited to, performing all work in accordance with TWDB rules and guidance required to:

- 1) Receive and review a draft WUG entity list and detailed system list within each CRU provided by the TWDB and submit identified corrections to WUG-water systems relations or WUG names to the TWDB. Once finalized, the WUG entity list will be populated into DB27.
- 2) Receive and review historical population and water use estimates and GPCDs provided by the TWDB and submit identified corrections to the TWDB.
- 3) Receive and make publicly available the draft population and associated water demand projections provided by the TWDB that are based on utility service areas.
- 4) Evaluate draft population, GPCDs, Plumbing Code Savings (PC Savings) and associated water demand projections provided by the TWDB.
- 5) Review and summarize comments received from local entities and the public for compliance with TWDB requirements.
- 6) Provide detailed revision requests to the TWDB for population, GPCDs, PC Savings and associated water demand projections, as necessary, including justification and documentation supporting suggested changes with a focus on relevant changed conditions that have occurred since the development of the projections used in the 2022 SWP.
- 7) Submit numerical requests for revisions of draft population, GPCDs, PC Savings and water demand projections in an electronic tabular template provided by the TWDB along with required documentation and justification of requested revisions from the RWPG, based on, for example, requests received from local entities, in accordance with the contract guidance document *General Guidelines for Development of the 2026 Regional Water Plans*.
- 8) Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
- 9) Assist the TWDB, as necessary, in resolving final allocations of population and water demands to WUGs to conform with any control totals defined by the TWDB, for example, by county and/or region.
- 10) Prepare population and municipal water demand projection summaries for WUGs using final, Board-adopted projections to be provided by the TWDB, as necessary. Any RWPG-created data tables must match the appropriate final data as reported by DB27.
- 11) Modify any associated population and water demand projections for MWPs, as necessary based on final, Board-adopted WUG population and water demand projections.

- 12) Review the TWDB *Population and Water Demand* reports from DB27 and incorporate these planning database reports, unmodified, into any Technical Memoranda, IPP, and adopted RWP.
- 18) Update WWP contractual obligations to supply water to other entities and report this information along with projected demands including within DB27 and within any planning memorandums or reports, as appropriate.
- 19) Review aggregated water demand projections for MWPs provided by the TWDB. This will include retail demand data if the MWP is a WUG, and contract demand data based on data entered by the RWPG into DB27 if the MWP is a WWP.
- 20) Summarize and present projected water demands for MWPs by category of use for each planning decade and incorporate this table into any Technical Memoranda, IPP, and adopted RWP.
- 21) Disseminate the chapter document and related information to RWPG members for review.
- 22) Modify the chapter document based on RWPG, public, and/or agency comments.
- 23) Submit the chapter document to the TWDB for review and approval; and
- 24) Make all efforts required to obtain final approval of the RWP chapter by the TWDB.

Deliverables: A completed Chapter 2 (including work from both Tasks 2A and 2B) presenting the projected population and water demands must be included in the 2026 IPP and 2026 Final RWP.

Task 8 - Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues

The objective of this task is to prepare a chapter (in accordance with 31 TAC §357.22(b)) that presents the RWPG's unique stream segment, unique reservoir site, legislative, administrative, and regulatory recommendations.

In addition to generally meeting all applicable rule and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work must, in particular, include all work necessary to meet all the requirements of 31 TAC §357.43 and §358.2.

This Task includes, but is not limited to, performing all work in accordance with TWDB rules and guidance required to:

- 1) Receive and consider TWDB feedback on the implementation of the RWPG's legislative, administrative, and regulatory recommendations, as applicable to the TWDB, in the previous RWP.
- 2) Receive and consider recommendations from the Interregional Planning Council to the RWPGs.
- 3) Consider relevant plans referenced under 31 TAC §357.22 in developing this chapter.
- 4) Consider and discuss potential recommendations for designation of ecologically unique stream segments within the RWPA, based on the criteria in 31 TAC §358.2.
- 5) If applicable, prepare a recommendation package following the requirements in 31 TAC §357.43(b) recommending which stream segments in the region, if any, should be recommended for designation as ecologically unique stream segments. Evaluate and incorporate comments from the RWPG. Upon approval by the RWPG, submit the recommendation package to the TPWD for comments.
- 6) Include the recommendation package and TPWD's written evaluation on the unique stream segment(s) recommendation in the final adopted RWP. An updated TPWD evaluation must be included in each RWP, even for those stream segments that have been recommended in previous plans but not designated by the Legislature.

- 7) For each recommended or previously designated unique stream segment, include a quantitative analysis of the impact of the RWP on the stream segments based upon the assessment criteria in 31 TAC §357.43(b)(2).
- 8) Consider and discuss potential recommendations for designation of unique reservoir sites within the RWPA.
- 9) For each recommended unique reservoir site, include a description of the site, reasons for the unique designation, and expected beneficiaries of water supplies developed at a given site in accordance with 31 TAC §357.43(c).
- 10) Consider and discuss potential regional policy issues; identify recommendations for legislative, administrative, and regulatory rule changes; including recommendations to improve the state and regional planning process.
- 11) Disseminate the chapter document and related information to RWPG members for review.
- 12) Modify the chapter document based on RWPG, public, and or agency comments.
- 13) Submit the chapter document to the TWDB for review and approval; and
- 14) Make all efforts required to obtain final approval of the regional water plan chapter by the TWDB.

Deliverables: A completed Chapter 8 presenting RWPG unique stream segment, unique reservoir site, legislative, administrative, and regulatory recommendations must be included in the 2026 IPP and 2026 Final RWP.

Task 10 - Public Participation and Plan Adoption

The objective of this task is to prepare a chapter (in accordance with 31 TAC §357.22(b)) to address public participation, public meetings, eligible administrative and technical support activities, and other requirements and activities eligible for reimbursement, complete and submit a Technical Memorandum, IPP, and final RWP, and obtain TWDB approval of the RWP.

In addition to generally meeting all applicable statute requirements governing regional and state water planning this portion of work must, in particular, include all technical and administrative support activities necessary to meet all the requirements of 31 TAC Chapters 355, 357, and 358 that are not already addressed under the scope of work associated with other contract tasks but that are necessary and or required to complete and deliver a Technical Memorandum, IPP, and final, adopted RWP to TWDB and obtain approval of the adopted RWP by TWDB.

This Task includes, but is not limited to, performing all work in accordance with TWDB rules and guidance required to:

A) Plan Development Activities

- 1) Organize, support, facilitate, and document all meetings/hearings associated with activities necessary and eligible to complete and submit a Technical Memorandum, IPP, and final RWP to the TWDB, including but not limited to: regular RWPG meetings, committee meetings, or subcommittee meetings; pre-planning meeting; meetings associated with revision of draft projections; public meeting for the consideration of the process for identifying potentially feasible water management strategies and the presentation of the analysis of infeasible water management strategies; consideration of a substitution of alternative water management strategies; public hearing on the IPP; adoption of the final RWP, and consideration of RWP amendments, alternative WMS substitutions, or Board-directed revisions.
- 2) Consider the identification of WMS that provide opportunities for coordination and collaboration with other regions or issues which could lead to potential conflict with other

RWPGs in both the preplanning meeting required under 31 TAC §357.12(a)(1) and meeting to consider the process for identifying potentially feasible water management strategies required under 31 TAC §357.12(b).

- 3) Collect and evaluate information, including any information gathering surveys from water suppliers or WUGs, (e.g., on existing infrastructure; existing water supplies; potentially feasible WMSs) and/or maintenance of contact lists for regional planning information in the region.
- 4) Conduct intraregional and interregional coordination and communication, and or facilitation required within the RWPA and with other RWPGs to develop a RWP including with water suppliers or other relevant entities such as groundwater conservation districts, WUGs, and or WWPs. This includes gathering and documenting information on potential interregional opportunities or issues.
- 5) Incorporate all required TWDB State Water Planning Database (DB27) reports into the Technical Memorandum, IPP and Final RWP. Note that all DB27 reports are required to be grouped together in one appendix to the RWP and that the RWP Executive Summary must reference the location of the DB27 reports.
- 6) Develop and include an Executive Summary in both IPP and final RWP, not to exceed 30 pages.
- 7) Make modifications to the RWP documents based on RWPG, public, and/or agency comments.
- 8) Prepare an RWP chapter summarizing Task 10 activities including review by the RWPG and modification of document as necessary.
- 9) Prepare and transmit correspondence, for example, directly related to public comments on RWP documents.
- 10) Develop draft and final responses for RWPG approval to public questions or comments as well as approval of the final responses to comments on RWP documents.
- 11) Produce, distribute, and submit all draft and final RWP-related planning documents for RWPG, public and agency review, including in hard-copy format when required.
- 12) Assemble, compile, and produce of the completed IPP and final RWP documents that meet all requirements of statute, 31 TAC Chapters 355, 357 and 358, Regional Water Planning contract and associated contract guidance documents.
- 13) Submit the RWP documents in required formats to the TWDB for review and approval; and all effort required to obtain final approval of the RWP by the TWDB.

B) Technical Support and Administrative Activities

- 1) Support and accommodate periodic presentations by the TWDB for the purpose of orientation, training, and retraining as determined and provided by the TWDB during regular RWPG meetings.
- 2) Consider recommendations in the Best Management Practices Guide(s) for Regional Water Planning Group Political Subdivisions, as prepared and updated by the TWDB.
- 3) Attendance and participation of technical consultants in TWDB-provided DB27 trainings, including individualized trainings and review of technical and data-related contract guidance documents in the TWDB Regional Water Planning contract.
- 4) Develop agendas, presentations, and handout materials for the public meetings and hearings to provide to RWPG members and the public.
- 5) Attendance and participation of technical consultants at RWPG, committee, subcommittee, and other meetings and hearings necessary for RWP development including preparation and follow-up activities.

- 6) Develop technical and other presentations and handout materials for RWPG meetings and hearings to provide technical and explanatory data to the RWPG and its subcommittees, including follow-up activities.
- 7) Perform administrative and technical support including coordination of and participation in RWPG activities, and documentation of any RWPG meetings, hearings, workshops, workgroups, subgroup and/or subcommittee activities.
- 8) Provide status reports to TWDB for work performed under this Contract.
- 9) Meet all public notice requirements in accordance with the Texas Open Meetings Act, statute, 31 TAC §357.21, and any other applicable public notice requirements.

C) Other Activities

- 1) Develop and maintain a RWPG website or RWPG-dedicated webpage on the RWPG administrator's website for posting planning group meeting notices, agendas, materials, and plan information.
- 2) Perform maintenance of the RWPG website; reimbursement limited to non-labor, direct costs.
- 3) Document meetings and hearings to include recorded minutes and or audio recordings as required by the RWPG bylaws and archiving and provision of minutes to public.
- 4) Promote consensus decisions through conflict resolution efforts including monitoring and facilitation required to resolve issues between and among RWPG members and stakeholders in the event that issues arise during the process of developing the RWP, including mediation between RWPG members, if necessary.
- 5) Perform RWPG membership solicitation activities.
- 6) Solicit, review, and disseminate public input, as necessary.
- 7) Perform any additional efforts required, but not otherwise addressed in other SOW tasks that may be required to complete an RWP in accordance with all statute and rule requirements.

Deliverables:

- A draft Chapter 10 summarizing public participation activities to date included in the 2026 IPP.
- A completed Chapter 10 summarizing public participation activities and appendices with public and agency comments and RWPG responses to comments in the 2026 Final RWP.
- A complete 2026 IPP and Final RWP.

Summary of Recommended Funding Allocations to Initiate the Sixth Cycle of Regional Water Planning

Task	Region														P	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N		O
1	\$12,850	\$9,313	\$20,160	\$16,231	\$7,722	\$17,107	\$30,418	\$19,973	\$18,805	\$7,059	\$11,312	\$13,165	\$14,017	\$9,359	\$11,839	\$6,866
2A	\$25,118	\$16,099	\$31,415	\$28,414	\$11,686	\$39,354	\$57,806	\$27,318	\$32,928	\$9,674	\$22,016	\$28,160	\$19,961	\$16,212	\$24,686	\$9,344
2B	\$22,691	\$16,659	\$85,945	\$47,682	\$15,449	\$30,818	\$80,330	\$92,769	\$53,316	\$11,749	\$35,116	\$41,025	\$30,765	\$19,102	\$22,552	\$10,923
8	\$8,952	\$8,170	\$12,329	\$10,648	\$7,822	\$10,184	\$13,415	\$13,082	\$11,097	\$7,547	\$9,633	\$10,314	\$8,489	\$8,358	\$9,141	\$7,416
10	\$79,692	\$64,905	\$127,997	\$102,916	\$58,173	\$100,524	\$156,204	\$134,515	\$112,668	\$54,204	\$83,503	\$93,789	\$76,216	\$66,806	\$79,554	\$52,515
Total	\$149,303	\$115,146	\$277,946	\$205,691	\$100,852	\$197,987	\$338,173	\$287,657	\$228,814	\$90,233	\$161,580	\$186,453	\$149,448	\$119,837	\$148,772	\$87,064

* Task only partially funded. When additional appropriations become available, it is anticipated that contracts will be amended to add funds, subject to Board authorization.

Sixth Cycle of Regional Water Planning (2026 Regional Water Plans)
Working Schedule (as of February 2021)^A



Item	Entity	Activity	Planning SOW Task #	2021	2022	2023	2024	2025							
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TWDB	RFA for regional water planning grant posted and applications due													
2	TWDB/RWPG	Initial planning contract execution deadline													
3	TWDB/RWPG	Anticipated additional contracting activities													
4	TWDB	Regional Water Planning rules update													
5	TWDB	TWDB/BEG Mining study	2A												
6	RWPG	RWPGs hold pre-planning & coordination meeting (before technical work begins)	10												
7	TWDB	Municipal WUG list, GPCD, historical population, and water use released	2B												
8	RWPG	Review municipal WUG list, GPCD, historical population, and water use; provide feedback to TWDB	2B												
9	TWDB	Draft Irrigation, Livestock, Manufacturing, and Steam Electric power demand projections released	2A												
10	TWDB	Draft Mining projections released	2A												
11	TWDB	Draft Population and Municipal demand projections released	2B												
12	RWPG	Review draft projections and finalize adjustments with TWDB staff	2A, 2B												
13	TWDB	TWDB Board adopts projections	2A, 2B												
14	TWDB	DB27 prepared and released for data entry ^C													
15	TWDB/RWPG	DB27 individualized training for consultants													
16	TWDB	Updated MAGs released													
17	RWPG	Evaluate water availability and existing water supplies													
18	RWPG	Identify water needs													
19	RWPG	Technical Memo due													
20	RWPG	Identify potentially feasible WWSs													
21	TWDB/RWPG	Review and negotiate SOW submittals for WWS evaluations and issue notice-to-proceeds ^E													
22	RWPG	Initially Prepared Plan due													
23	TWDB	Socioeconomic Impact Report released to RWPGs													
24	RWPG	Project prioritization due													
25	RWPG	Final Plan due													

Notes: ^A Estimated timeline based on currently available agency resources and subject to change
^B Only tasks included in the initial contract scope of work have task numbers in this initial timeline.
^C DB27 is the updated, online water planning database for the 2027 State Water Plan
^D Anticipated database availability dates are estimates based on currently available agency resources
^E Subject to available funding

Applications due 4/12/2021
 Contracts executed by 8/31/2021

Technical Memo due 3/4/2024
 IPP due 3/7/2025
 RWP due 10/20/2025

Agenda Item 13

Discuss and consider taking action authorizing the San Jacinto River Authority to request statements of qualifications to prepare the 2026 Region H RWP on behalf of the RHWPG in accordance with 31 TAC 355.92(c).

Agenda Item 13

2026 Cycle RFQ

- *31 TAC 355.92(c): Subcontracting. A RWPG through the eligible applicant's contractor or subcontractor may obtain professional services, including the services of a planner, land surveyor, licensed engineer, or attorney, for development or revision of a regional water plan only if such services are procured on the basis of demonstrated competence and qualifications through a request for qualifications process in accordance with Texas Government Code Chapter 2254.*

Agenda Item 13

2026 Cycle RFQ

Action:

Authorize the San Jacinto River Authority to request statements of qualifications to prepare the 2026 Region H RWP on behalf of the RHWPG in accordance with 31 TAC 355.92(c)

Agenda Item 16

Receive presentation from TWDB on the Statewide ASR-AR Suitability Survey.

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

James A. Golab, Ph.D.

Presented for the Region H Water Planning Group
April 7, 2021, 10:00 AM

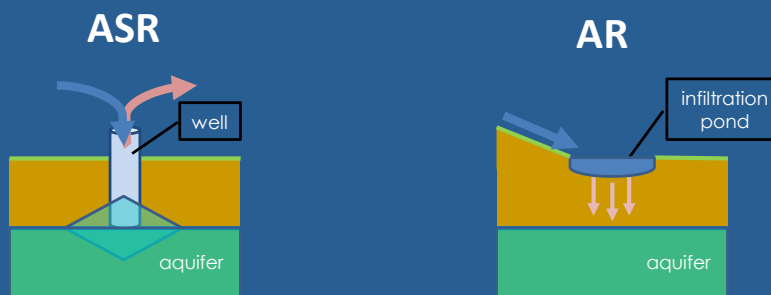
www.twdb.texas.gov

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Texas Water
Development Board

Introduction

- **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, (MAR or AR)** is the controlled recharge of an aquifer at the surface through various methods such as infiltration basins.



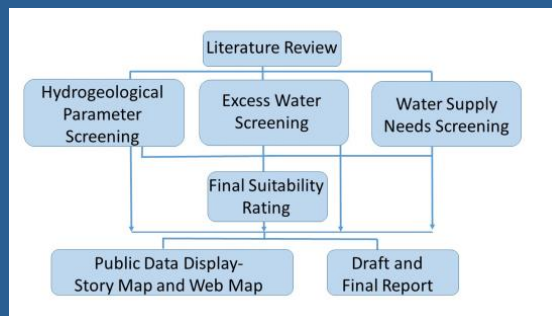
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Texas Water
Development Board

Introduction

- In 2019, Texas Legislature directed the Texas Water Development Board (TWDB) to conduct a study on ASR and AR potential statewide
- This included investigating the hydrogeological characteristics of Texas' major and minor aquifers, the availability of excess water sources, and the current and future water supply needs
- TWDB contracted with HDR to complete this statewide survey which was publicly released in December 2020



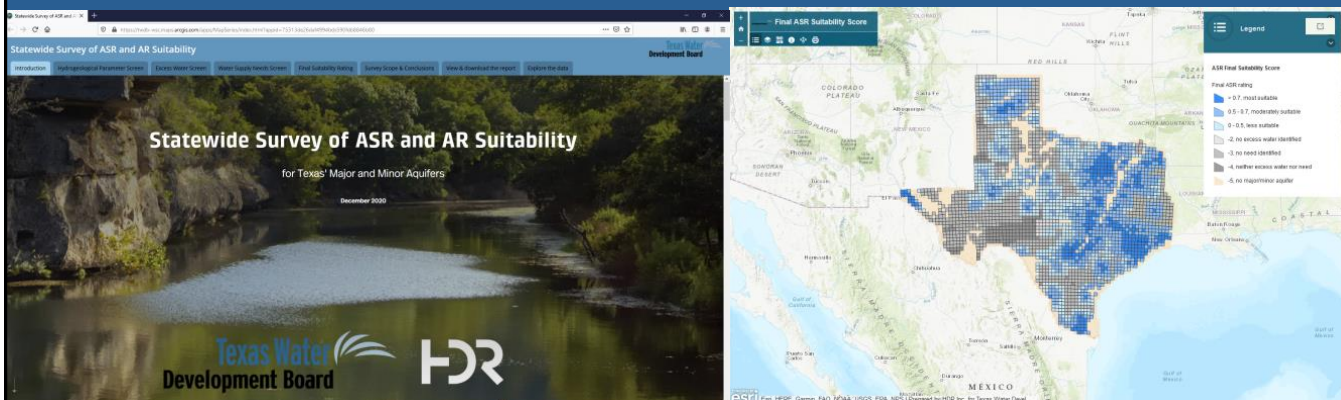
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Texas Water
Development Board

Public Data Display

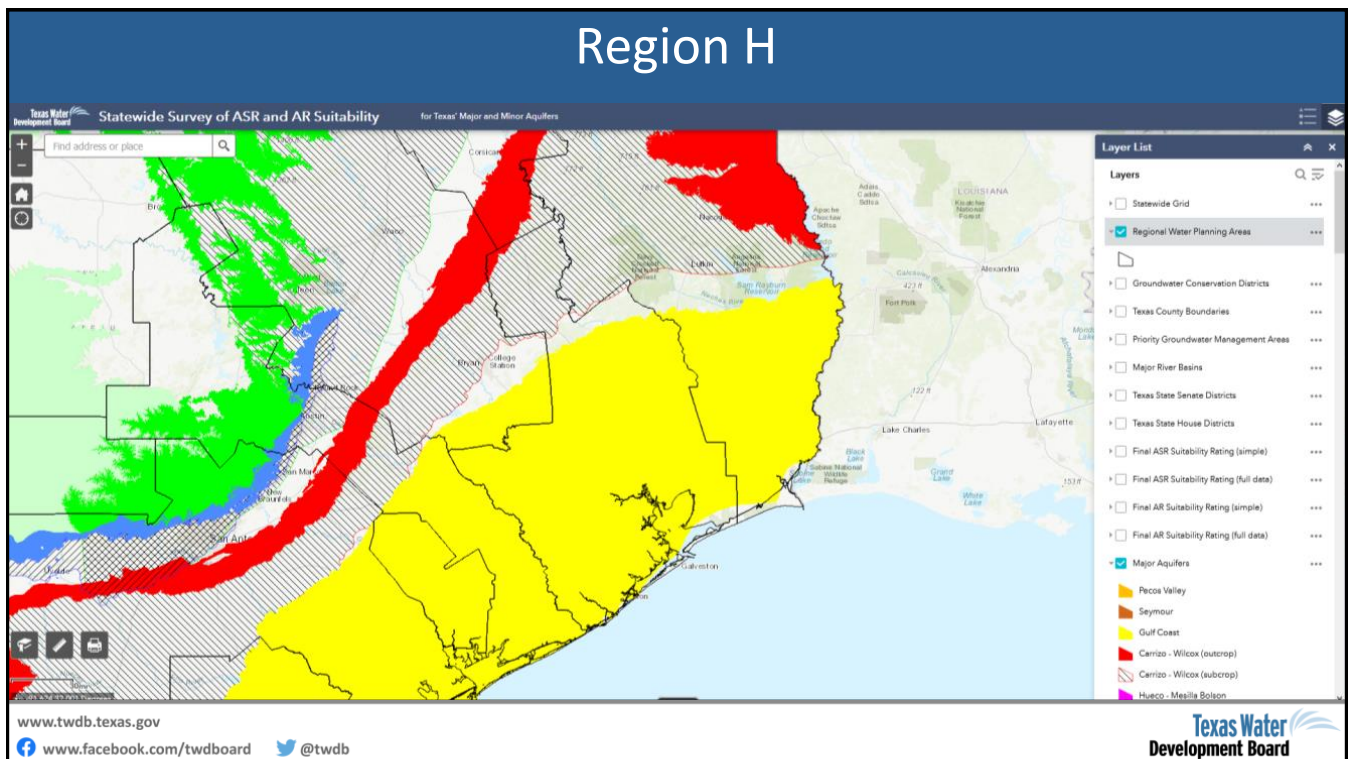
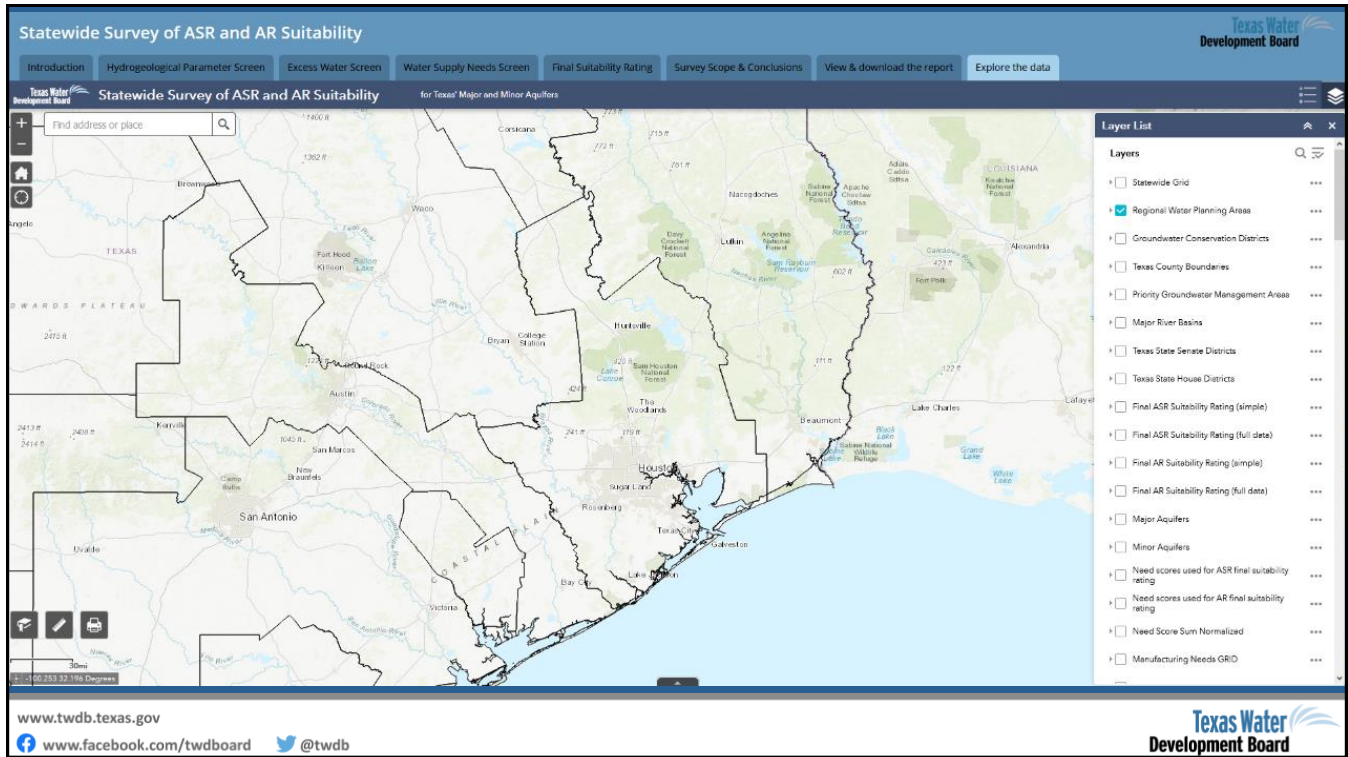
- Although not mandated, the TWDB recognized the spatial nature of the Statewide Survey and produced an interactive public data display
- This online display has several tabs that have further on the screening processes as well as the survey's conclusions and links for downloading the detailed contract report



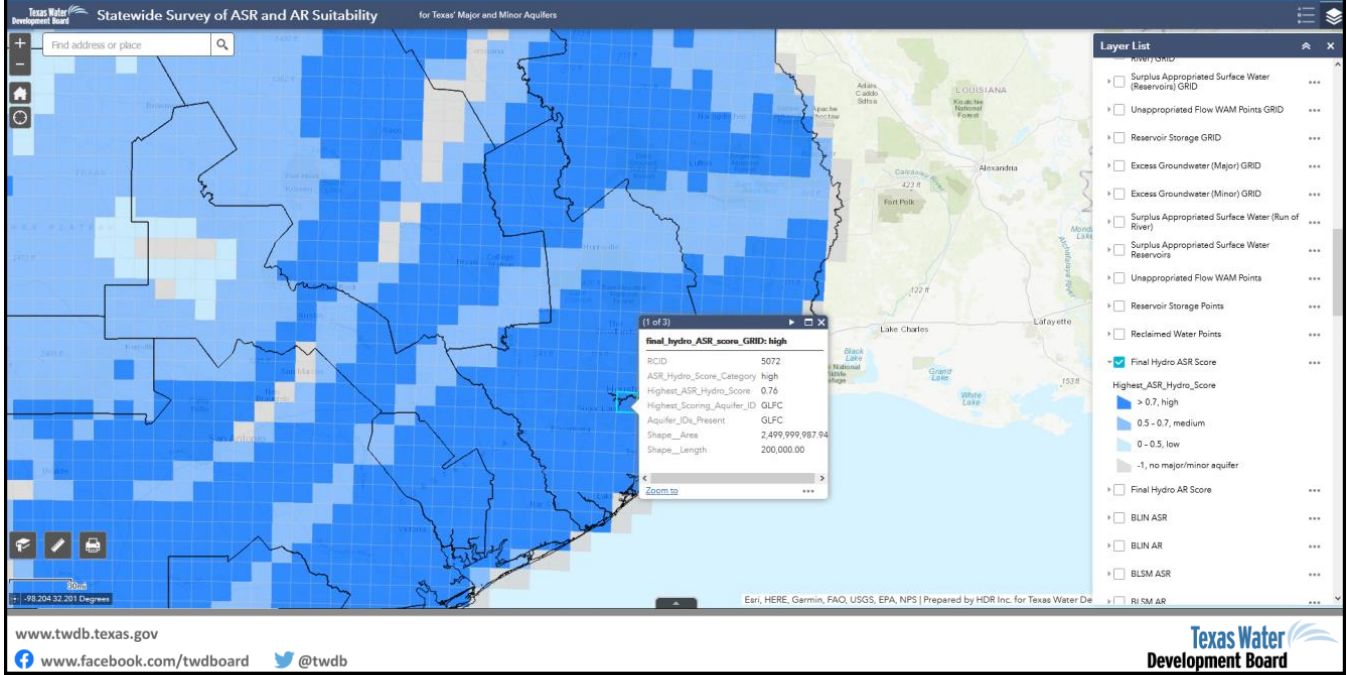
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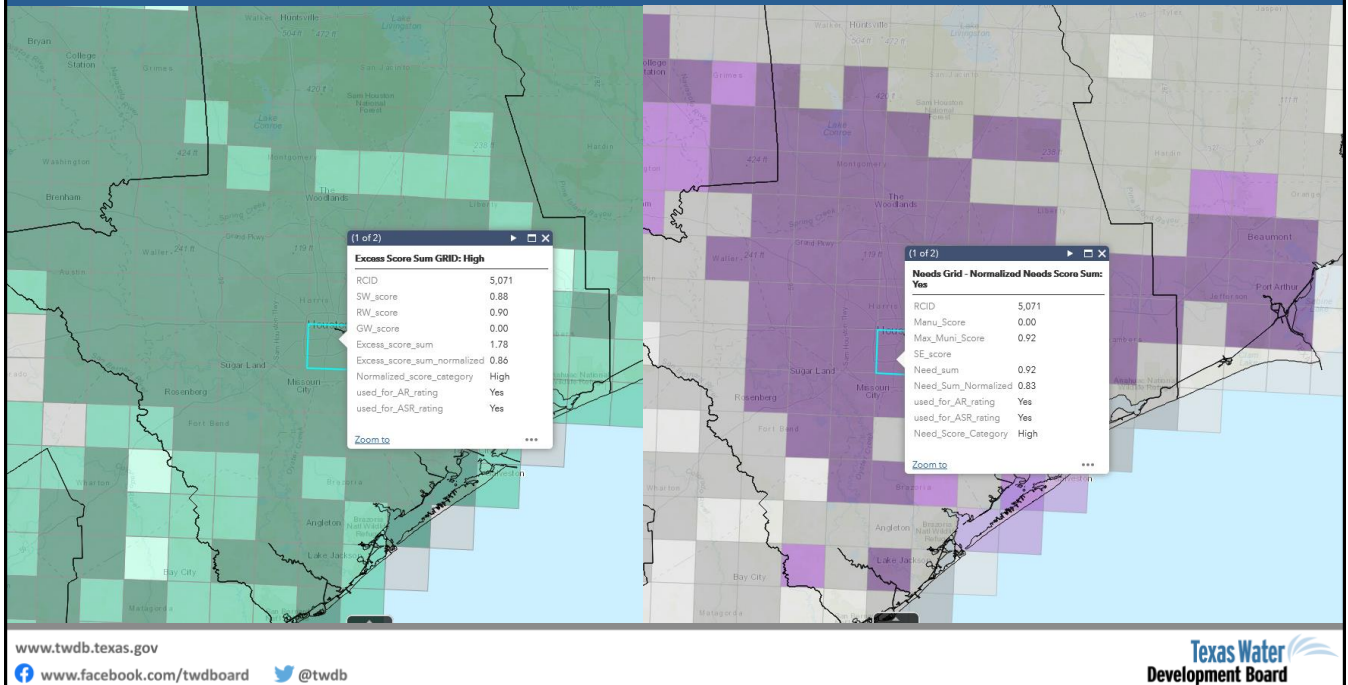
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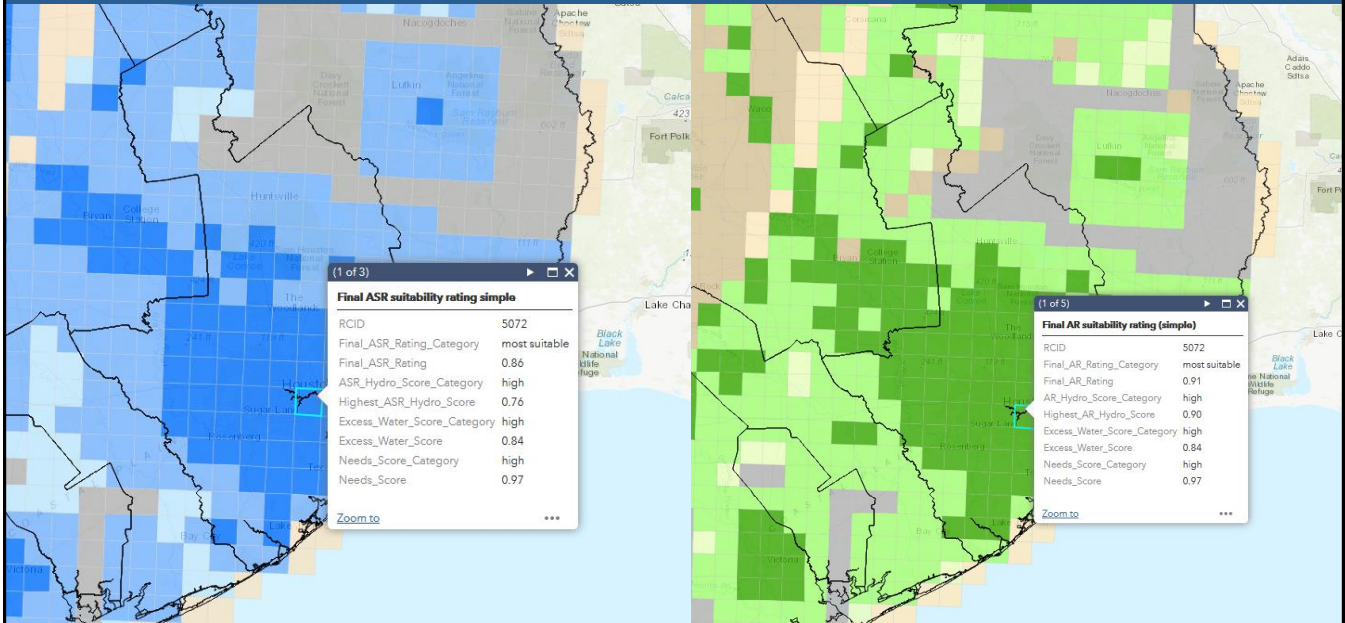
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Benefits and Uses

• Benefits

- Free and public
- Data accessibility
- Data versatility
- Dovetails with the water planning process

• Uses

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

Access the Data

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

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Thank You

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Innovative Water Technologies

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Agenda Item 17

Agency communications and general information.

AGENDA ITEM MEMO

BOARD MEETING DATE: February 25, 2021

TO: Board Members

THROUGH: Jeff Walker, Executive Administrator
Ashley Harden, General Counsel
Jessica Zuba, Deputy Executive Administrator, Water Supply & Infrastructure

FROM: Sarah Backhouse, Manager, Regional Water Planning

SUBJECT: Confirmation of the existing regional water planning area boundaries.

ACTION REQUESTED

Consider confirming the existing boundaries of the 16 regional water planning areas without change.

BACKGROUND

Texas Water Code (TWC) §16.053(b) directs the Texas Water Development Board (TWDB) to designate the areas for which regional water plans shall be developed. The Board is required to review and update as necessary regional water planning area boundaries at least every five years in accordance with TWC §16.053(b) and 31 TAC §357.11(a). The last review was performed at the October 15, 2015 Board meeting where the originally established boundaries were confirmed without change.

In designating boundaries, the Board is to take into consideration such factors as:

- river basin and aquifer delineations,
- water utility development patterns,
- socioeconomic characteristics,
- existing regional water planning areas,
- political subdivision boundaries,
- public comment, and
- other factors the Board deems relevant.

Our Mission

Leading the state's efforts in ensuring a secure water future for Texas and its citizens

Board Members

Peter M. Lake, Chairman | Kathleen Jackson, Board Member | Brooke T. Paup, Board Member

Jeff Walker, Executive Administrator

KEY ISSUES

The process by which the TWDB reviews and updates the boundary designations is outlined in 31 TAC §357.11. To initiate TWDB's review process, regional water planning group stakeholders were notified on October 19, 2020, via email, of the opportunity to provide comment on the regional water planning area boundaries. The public comment period was open for 45 days and no written comments were received.

The factors listed above were given consideration in developing the Executive Administrator's (EA) recommendation. No significant revisions to river basin or aquifer delineations have occurred since the initial establishment of the planning area boundaries. While political subdivision boundaries and water utility development patterns continue to develop largely driven by population growth, the EA is not aware of any shifts that warrant changing planning area boundaries. All entities are fully planned for in the current water planning process whether or not a utility service area lies in one or multiple regional water planning areas. Based on these factors, a lack of public comments requesting changes, and potential significant impacts to agencywide data sets and applications, the EA is unaware of any specific issues that merit revising the regional water planning area boundaries.

RECOMMENDATION

The EA recommends confirming the existing regional water planning area boundaries without change.

From: [RegionalWaterPlanning](#)
To: [RegionalWaterPlanning](#)
Cc: [WSI-WUPP-RWP](#); [Temple McKinnon](#); [Matt Nelson](#); [Jessica Zuba](#)
Subject: TWDB to publish proposed revisions to Regional Water Planning rules
Date: Thursday, February 11, 2021 9:50:14 AM

Good morning RWPG stakeholders,

Yesterday the TWDB Board approved publishing proposed amendments to Regional Water Planning Grant rules (31 Texas Administrative Code Chapter 355) and Regional Water Planning Notice and Public Participation rules (31 Texas Administrative Code Chapter 357.21).

We anticipate the proposed rules being published in the February 26th version of the [Texas Register](#), however you can view the proposed rules prior to that date in the following Board memo: <http://www.twdb.texas.gov/board/2021/02/Board/Brd03.pdf>. The board memo includes a summary of the key proposed changes and the proposed revisions are included as attachments.

Public comment on the proposed rules will be accepted until **March 29, 2021** and may be submitted electronically to rulescomments@twdb.texas.gov. Reference to Chapter 355 or 357 should be included in the subject line of comments submitted.

Note: This email has been sent to all RWPG members, political subdivisions, and 5th cycle consultants with emails on file with TWDB's regional water planning program.

Best,
Sarah Backhouse
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Water Use, Projections, and Planning
Texas Water Development Board
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