

Annual Report for Fiscal Year 2025

Refugio Groundwater Conservation District

Accepted and Approved: September 8, 2026

Table of Contents

1. [Section 1 - Management Plan](#)
2. [Section 2 - Review of Management Plan Goals and Assessment of Achievement](#)
 - a. [Management Plan Goal 1 - Providing the Most Efficient Use of Groundwater](#)
 - b. [Management Plan Goal 2 - Controlling and Preventing Waste of Groundwater](#)
 - c. [Management Plan Goal 3 - Addressing Conjunctive Surface Water Management Issues](#)
 - d. [Management Plan Goal 4 - Addressing Natural Resource Issues](#)
 - e. [Management Plan Goal 5 - Addressing Drought Conditions](#)
 - f. [Management Plan Goal 6 - Addressing Conservation](#)
 - g. [Management Plan Goal 7 - Addressing the Desired Future Conditions](#)

Section 1 - Management Plan

The Board of Directors of the Refugio Groundwater Conservation District adopted a revised management plan on April 17, 2023. A copy of the plan is located on the website of the district at the following web address: <https://www.rgcd.org/groundwater-policy>.

The management plan specifies the method for tracking progress in achieving the goals of the district. The management plans specifies that the staff of the district will prepare and present an annual report to the board of directors regarding the performance of the district in achieving management goals and objectives for each fiscal year. The report will be presented within 180 days following the completion of each fiscal year.

The management plan establishes the goals, objectives, and performance standards by which the district evaluates performance. Goals related to providing the most efficient use of groundwater, controlling and preventing waste of groundwater, addressing conjunctive surface water management issues, addressing natural resource issues, addressing drought conditions, addressing conservation, and addressing the desired future conditions were established by the board of directors.

Below is a list of management goals, programs, projects, and the assessment of the performance of the district during the fiscal year. The assessment of performance by the

district relies upon the evaluation of the associated projects established for the fiscal year and the resulting records and data developed through those projects and tasks.

Section 2 - Review of Management Plan Goals and Assessment of Achievement

Based on the review of each management plan goal and associated performance standards, the district fully achieved the 7 objectives and partially achieved 1 established within the management plan of the district during the fiscal year ending September 30, 2025.

Management Plan Goal 1 - Providing the Most Efficient Use of Groundwater

Goal 1: Providing the most efficient use of groundwater.

Objective 1: Develop and maintain a program for processing permitting requests submitted to the district and tracking well registrations and permits issued by the district authorizing groundwater production during the fiscal year.

Performance Standard: The district will summarize within the annual report 1) the status of pending permitting requests, 2) the number of wells registered by the district, and 3) the volume of groundwater authorized to be produced under production permits issued by the district, as of the last day of the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance

Summary of Permitting Requests by Status:

The district received 3 production permit renewal requests (ARPs) and initiated 6 permitting request cases (PRCs) during the fiscal year. The district had 1 permitting request cases pending at the end of the fiscal year.

Summary of Wells Registered by the District:

The district received 11 well registration applications (ARWs) and 45 Notices of Intent to Drill a Well (NIDWs) during the fiscal year.

As of September 30, 2025, the District had recorded 1,132 wells within its well registration database with 220 wells fully registered by well registration applications.

Summary of Authorized Groundwater Production:

Based on a review of the database registry of production permit areas, 20 production permits issued by the district were active with a cumulative authorization of groundwater production totaling 1,814.76 acre-feet per year.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 1

Production Permit Renewal Requests (ARPs)

(Archive System Search Syntax: title:ARP title:20241*; title:ARP title:20250*)

(Workflow System Search Syntax: intitle:ARP intitle:20241* intitle:RGCD; intitle:ARP intitle:20250* intitle:RGCD)

1. ARP-20250709-01 - Equistar Chemicals, LP
2. ARP-20250710-01 - Equistar Chemicals, LP
3. ARP-20250710-02 - Koch Pipeline Company, LP

Permitting Request Cases (PRCs)

(Archive System Search Syntax: title:PRC title:case title:20241*; title:PRC title:case title:20250*)

(Workflow System Search Syntax: intitle:PRC intitle:case intitle:20241* intitle:RGCD; intitle:PRC intitle:case intitle:20250* intitle:RGCD)

1. PRC-20241212-01 - ANHUPPWS-20241211-01 - Town of Woodsboro - Approved/Unexecuted
2. PRC-20250103-01 - AAP-20250102-01 - Bad Bull 2023 LLC. - Administratively Withdrawn
3. PRC-20250407-01 - ANHUPPW-20250210-01 - KOC Land, LLC - Closed
4. PRC-20250821-01 - ARP-20250709-01 - Equistar Chemicals, LP - Closed
5. PRC-20250821-02 - ARP-20250710-01 - Equistar Chemicals, LP - Closed
6. PRC-20250821-03 - ARP-20250710-02 - Koch Pipeline Company, LP - Closed

Well Registration Applications (ARWs)

(Archive System Search Syntax: title:ARW title:20241*; title:ARW title:20250*)

(Workflow System Search Syntax: intitle:ARW intitle:20241* intitle:RGCD; intitle:ARW title:20250* intitle:RGCD)

1. ARW-20241115-01 - Monty Sinnreich- Administratively Complete
2. ARW-20241121-01 - Susan Gilliam
3. ARW-20250124-01 - JM Pressure Pumping
4. ARW-20250206-01 - Chris and Lisa Ostby
5. ARW-20250212-01 - Turnbull Land and Cattle LTD
6. ARW-20250402-01 - Town of Woodsboro
7. ARW-20250506-01 - Abel Simon - A-Team Rehab Services LLC
8. ARW-20250509-01 - Louise Allen Foundation
9. ARW-20250722-01 - Flint Hills Resources, LC
10. ARW-20250829-01 - Lenord Manly
11. ARW-20250829-02 - Bad Bull 2023 LLC

Notice of Intent to Drill a Well (NIDWs)

(Archive System Search Syntax: title:NIDW title:20241*; title:NIDW title:20250*)

(Workflow System Search Syntax: intitle:NIDW intitle:20241* intitle:RGCD; intitle:NIDW intitle:20250* intitle:RGCD)

1. NIDW-20241009-01 - Andres Flores - Paul Dirks
2. NIDW-20241004-01 - Antonio Trevino - Susan Gilliam
3. NIDW-20241023-01 - Andres Flores - Daniel Williams
4. NIDW-20241024-01 - Andres Flores Jr. - Sanders Kathy
5. NIDW-20241112-01 - Daniel Rivera - Edgar Diaz
6. NIDW-20241115-01 - Daniel Rivera - Larry Santos
7. NIDW-20241121-01 - Daniel Rivera - Jeramy Nikodyn
8. NIDW-20241121-02 - Daniel Rivera - Christopher and Lisa Ortby
9. NIDW-20241121-03 - Daniel Rivera - Derrick Slivas
10. NIDW-20241202-01 - Daniel Rivera - Kayla Bellamy
11. NIDW-20241202-02 - Daniel Rivera - Eugene and Cherie Therist
12. NIDW-20241202-03 - Daniel Rivera - Catalina Gharaibeh
13. NIDW-20250206-01 - Roger Lopez
14. NIDW-20250206-02 - Rory Starling
15. NIDW-20250213-01- Bad Bull 2023 LLC - 01
16. NIDW-20250213-02- Bad Bull 2023 LLC - 02
17. NIDW-20250220-01 - Bad Bull 2023 LLC
18. NIDW-20250307-01 - Derek Henicke - Louise Allen Foundation
19. NIDW-20250311-01 - Daniel Rivera - Rick Daughtry
20. NIDW-20250415-01 - Matt Johnson - Mark and Kelly Carroll
21. NIDW-20250424-01 - Mason Friedel - Copano Creek Ranch, LLC
22. NIDW-20250425-01 - Justin Bilski - Bad Bull 2023 LLC - Tract 12
23. NIDW-20250425-02 - Justin Bilski - Bad Bull 2023 LLC - Tract 9
24. NIDW-20250425-03 - Justin Bilski - Bad Bull 2023 LLC - Tract 11
25. NIDW-20250425-04 - Justin Bilski - Bad Bull 2023 LLC - Tract 8
26. NIDW-20250425-05 - Justin Bilski - Bad Bull 2023 LLC - Tract 10
27. NIDW-20250429-01 - Justin Bilski - Bad Bull 2023 LLC - Tract 13
28. NIDW-20250429-02 - Justin Bilski - Bad Bull 2023 LLC - Tract 14
29. NIDW-20250429-03 - Justin Bilski - Bad Bull 2023 LLC - Tract 15
30. NIDW-20250429-04 - Justin Bilski - Bad Bull 2023 LLC - Tract 16
31. NIDW-20250505-01 - Windsor Chase LLC - TR 15
32. NIDW-20250506-01 - Daniel Rivera - Cass Winterrowd
33. NIDW-20250508-01 - Daniel Rivera - Tarra Yzaguirre

34. NIDW-20250509-01 - Daniel Rivera - Lauro Cuellar
35. NIDW-20250519-01 - Daniel Rivera - Gene Robertson
36. NIDW-20250519-02 - Jay Chaffin - KOC Land, LP
37. NIDW-20250523-01 - Copano Creek Ranch, LLC
38. NIDW-20250529-01 - KOC Lan, LP
39. NIDW-20250707-01 - Bill Cohen
40. NIDW-20250711-01 - Bill Cohen
41. NIDW-20250711-02 - Homer Hines
42. NIDW-20250715-01 - Marcus Greenly
43. NIDW-20250717-01 - Enrique Guerrero
44. NIDW-20250910-01 - Max and Jenna Lopez
45. NIDW-20250916-01 - James and Lavonne Rathkamp

Table 1.1 - Authorized Groundwater Production by Permit

GCD Production Permit ID	Production Rate AFY	Permit Expiration Date	Permit Status
HUPPWF-20230717-01	60.93		Active
HUPPWS-20231204-01	20.71		Active
HUPPWS-20231204-02	572.66		Active
OPW-20110523-01	17	7/31/2030	Active
OPW-20160418-03	1	7/31/2030	Active
OPW-20160418-04	1	7/31/2030	Active
OPW-20180122-02	387	7/31/2026	Active
OPW-20180917-01	20	7/31/2028	Active
OPW-20180917-02	20	7/31/2028	Active
OPW-20180917-03	20	7/31/2028	Active
OPW-20200203-01	84	7/31/2029	Active
OPW-20210119-02	2.5	7/31/2026	Active
OPW-20210719-01	25	7/31/2026	Active
SCPPW-20231130-01	40	7/31/2028	Active
SCPPW-20240229-01	2	7/31/2028	Active

SCPPW-20250509-01	54	7/31/2029	Active
SCPPWF-20231130-02	26.87	7/31/2028	Active
SCPPWS-20250121-01	249	7/31/2030	Approved
VPW-20180122-01	225		Active
VPWS-20071022-01	53.09		Active
Total:	1881.76		

Management Plan Goal 2 - Controlling and Preventing Waste of Groundwater

Goal 2: Controlling and preventing waste of groundwater.

Objective 1: Develop and maintain a program for inspecting at least twelve (12) water wells within the district during the fiscal year.

Performance Standard: The district will summarize within the annual report the number of wells inspected during the preceding fiscal year and those wells requiring corrective action.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to the Objective

Summary of Well Inspections:

The district had recorded 15 well inspection forms (WIFs) during the fiscal year. The district initiated *no* investigations or enforcement proceeding regarding wells requiring corrective action based on well inspections performed during the fiscal year.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 2

(Archive System Search Syntax: title:WIF title:20241*; title:WIF title:20250*)

(Workflow System Search Syntax: intitle:WIF intitle:20241* intitle:RGCD; intitle:WIF intitle:20250* intitle:RGCD)

Well Inspection Forms (WIFs)

1. WIF-20241119-01 - GW-00319
2. WIF-20241119-02 - 28238359732755
3. WIF-20250812-01 - NW-00474
4. WIF-20250812-02 - GW-00451
5. WIF-20250812-03 - GW-00079
6. WIF-20250812-04 - GW-00439
7. WIF-20250812-05 - NW-00570

8. WIF-20250812-06 - NW-00539
9. WIF-20250221-01 - GW-00234
10. WIF-20250221-02 - NW-00474
11. WIF-20250221-03 - NW-00340
12. WIF-20250221-04 - GW-00079
13. WIF-20250221-05 - GW-00439
14. WIF-20250221-06 - NW-00570
15. WIF-20250221-07 - NW-00539

Management Plan Goal 3 - Addressing Conjunctive Surface Water Management Issues

Goal 3: Addressing conjunctive surface water management issues.

Objective 1: Participate in the regional water planning process by attending and participating in at least one (1) South Central Texas Regional Water Planning Group (Region L) meeting held during the fiscal year.

Performance Standard: The district will summarize within the annual report the dates of meetings of the South Central Texas Regional Water Planning Group attended by representatives of the district during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to the Objective:

Representatives of the district attended meetings of the South Central Texas Regional Water Planning Group (Region L) on the following dates:
November 7, 2024; January 23, 2025; February 20 2025.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 3

List of hyperlinks to minutes of the meeting held by the South Central Texas Regional Water Planning Group (Region L) during the fiscal year

- https://www.regionltexas.org/wp-content/uploads/2025/01/Region-L-Minutes-11.07.2025_Final.pdf
- <https://www.regionltexas.org/wp-content/uploads/2025/02/Region-L-Minutes-1.23.2025.pdf>
- <https://www.regionltexas.org/wp-content/uploads/2025/08/Region-L-Minutes-2.20.2025.pdf>

Management Plan Goal 4 - Addressing Natural Resource Issues

Goal 4: Addressing natural resource issues which impact the use and availability of groundwater, and which are impacted by the use of groundwater.

Objective 1: Develop and maintain a program to monitor the water quality of at least twelve (12) water wells within the district per year.

Performance Standard: The district will summarize within the annual report 1) the number of wells monitored and 2) the water quality measurements collected during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to the Objective:

The district collected 6 water quality field measurements and 2 water quality samples for lab analysis during Fiscal Year 2024.

The average recorded field measurement of conductivity was 1,290 µmhos/cm from water wells within the county during Fiscal Year 2024.

The average recorded field measurement of total dissolved solids was 0.839 g/L from water wells within the county during Fiscal Year 2024.

The district collected 5 water quality field measurements and 0 water quality samples for lab analysis during Fiscal Year 2025.

The average recorded field measurement of conductivity was 1,315 µmhos/cm from water wells within the county during Fiscal Year 2025.

The average recorded field measurement of total dissolved solids was 0.855 g/L from water wells within the county during Fiscal Year 2025.

The average recorded field measurement of total dissolved solids was 0.839 g/L from water wells within the county during Fiscal Year 2025.

The district received 1 water quality lab reports during the fiscal year.

The district recorded a total dissolved solids lab measurement of 1,590 g/L and a conductivity lab measurement of 2,770 µmhos/cm from a water well within the county during Fiscal Year 2025. The ratio between total dissolved solids to conductivity is 0.57 g/L per µmhos/cm.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **Partial**

Supporting Information - Goal 4

(Archive System Search Syntax: title:WQFM title:20241*; title:WQFM title:20250*)

(Workflow System Search Syntax: intitle:WQFM intitle:20241* intitle:RGCD; intitle:WQFM intitle:20250* intitle:RGCD)

Water Quality Field Measurements (WQFMs)

1. WQFM-20250812.1050- GW-00451
2. WQFM-20250812.1117- GW-00079
3. WQFM-20250812.1328- GW-00439
4. WQFM-20250812.1355- NW-00570
5. WQFM-20250812.1421- NW-00539

(Archive System Search Syntax: title:WQSI title:20241*; title:WQSI title:20250*)

(Workflow System Search Syntax: intitle:WQSI intitle:20241*
intitle:RGCD; intitle:WQSI intitle:20250* intitle:RGCD)

Water Quality Sample Inventories (WQSIIs)

1. WQSI-20241119-01 - GW-00319
2. WQSI-20241119-02 - 28238359732755

(Archive System Search Syntax: title:WQLR title:20241*; title:WQLR
title:20250*)

(Workflow System Search Syntax: intitle:WQLR intitle:20241*
intitle:RGCD; intitle:WQLR intitle:20250* intitle:RGCD)

Water Quality Lab Reports (WQLRs)

1. WQLR-20241119.0945

Table 4.1 - Conductivity Field Measurements Collected during FY2024 (Units:
µmhos/cm)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WQM-20231206-02	NW-00672	12/6/2023	1,615
WQM-20240813-02	GW-00079	8/13/2024	1,552
WQM-20240813-02	GW-00439	8/13/2024	1,100
WQM-20240813-02	NW-00474	8/13/2024	1,077
WQM-20240813-02	NW-00539	8/13/2024	1,148
WQM-20240813-02	NW-00570	8/13/2024	1,248
Average:			1,290

Table 4.2 - Conductivity Field Measurements Collected during FY2025 (Units:
µmhos/cm)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WQM-20280812-02	GW-00079	8/12/2025	1,552
WQM-20250812-02	GW-00439	8/12/2025	1,112
WQM-20250812-02	GW-00451	8/12/2025	1,513
WQM-20250812-02	NW-00539	8/12/2025	1,156
WQM-20250812-02	NW-00570	8/12/2025	1,244

Average:	1,315
-----------------	--------------

Table 4.3 - Total Dissolved Solids Field Measurements Collected during FY2024 (Units: g/L)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WQM-20231206-03	NW-00672	12/6/2023	1.053
WQM-20240813-03	GW-00079	8/13/2024	1.009
WQM-20240813-03	GW-00439	8/13/2024	0.715
WQM-20240813-03	NW-00474	8/13/2024	0.7
WQM-20240813-03	NW-00539	8/13/2024	0.746
WQM-20240813-03	NW-00570	8/13/2024	0.81
Average:			0.839

Table 4.4 - Total Dissolved Solids Field Measurements Collected during FY2025 (Units: g/L)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WQM-20250812-03	GW-00079	8/12/2025	1.004
WQM-20250812-03	GW-00439	8/12/2025	0.723
WQM-20250812-03	GW-00451	8/12/2025	0.984
WQM-20250812-03	NW-00539	8/12/2025	0.751
WQM-20250812-03	NW-00570	8/12/2025	0.812
Average:			0.855

Table 4.5 - Conductivity and Total Dissolved Solids Lab Measurements during FY2024 (Corrected:20260909)

GCD Water Well ID	Sample Collection Date	Measurement Method	Analyte	Analyte Measurement
GW-00319	11/19/2024	SM 2540 C		1.590

			Solids, Total Dissolved (g/L)	
GW-00319	11/19/2024	9050	Conductivity, Specific (µmhos/cm)	2,770

Management Plan Goal 5 - Addressing Drought Conditions

Goal 5: Addressing drought conditions.

Objective 1: Review drought condition information related to the district and the surrounding region of Texas collected from the following website at least four meetings of the Board of Directors during the fiscal year:

<https://www.waterdatafortexas.org/drought/>.

Performance Standard: The district will summarize within the annual report the number of instances drought condition information was considered by the Board of Directors during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to the Objective:

The board of directors of the district considered drought condition information during meetings held on the following dates: *October 21, 2024; January 21, 2025; February 18, 2025; March 24, 2025; April 22, 2025; June 23, 2025; July 29, 2025; September 22, 2025.*

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 5

 G5.1 RGCD - 20241021 - Meeting Minutes - Signed.pdf 932 kB

 G5.2 RGCD - 20250121 - Meeting Minutes - Signed.pdf 934 kB

 G5.3 RGCD - 20250218 - Meeting Minutes - Signed.pdf 646 kB

 G5.4 RGCD - 20250324 - Meeting Minutes - Signed.pdf 817 kB

 G5.5 RGCD - 20250422 - Meeting Minutes - Signed.pdf 2 MB

 G5.6 RGCD - 20250623 - Meeting Minutes - Signed.pdf 533 kB

 G5.7 RGCD - 20250729 - Meeting Minutes - Signed.pdf 594 kB

Management Plan Goal 6 - Addressing Conservation

Goal 6: Addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control, where appropriate and cost-effective.

Objective 1: Promote conservation, rainwater harvesting, or brush control within Refugio County at least once during the fiscal year.

Performance Standard: The district will summarize within the annual report the number of instances the district promoted conservation, rainwater harvesting, or brush control during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to the Objective:

The District addressed and promoted conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, or brush control by publishing and maintaining webpages on the website of the District related to groundwater conservation. See

<https://www.rgcd.org/groundwater-conservation>.

On April 30, 2025, staff reviewed and update the content maintained on the website of the district regarding groundwater conservation. See:

<https://www.rgcd.org/groundwater-conservation>

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 6

Management Plan Goal 7 - Addressing the Desired Future Conditions

Goal 7: Addressing the desired future conditions adopted by the district under Section 36.108.

Objective 1: Develop and maintain a program to monitor the water level of at least twelve (12) water wells within the district per year.

Performance Standard: The district will summarize within the annual report 1) the number of wells monitored and 2) the water level measurements collected during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to Objective 1:

The District collected 22 separate water level measurements from water wells within Refugio County during Fiscal Year 2024.

The average water level of wells measured during the fiscal year was 31.8 feet below the surface during Fiscal Year 2024.

The District collected 13 separate water level measurements from water wells within Refugio County during Fiscal Year 2025.

The average water level of wells measured during the fiscal year was 26.8 feet below the surface during Fiscal Year 2025.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Objective 2: Analyze aquifer monitoring information to evaluate achievement of the desired future conditions of the district based on information available during the fiscal year.

Performance Standard: The district will summarize within the annual report 1) the aquifer monitoring information and 2) the conclusions regarding the achievement of the desired future conditions of the district during the preceding fiscal year.

Discussion of Information relevant to Assessing the Performance of the District during the Fiscal Year relative to Objective 2:

The average water level depth of wells with recorded measurements for FY2000 was 24.9 feet below the surface.

The average water level depth of wells with recorded measurements for FY2023 was 36.6 feet below the surface.

The average water level depth of wells with recorded measurements for FY2024 was 34.4 feet below the surface.

The average water level depth of wells with recorded measurements for FY2025 was 28.8 feet below the surface.

The district, based on the report developed by Intera titled *Application of Geostatistical Techniques to Interpret Measured 2024 and 2025 Water Levels* indicate the following:

- water levels in the Chicot Aquifer of the Gulf Coast Aquifer System in Refugio County have decreased by 6.3 feet (i.e., drawdown condition) in calendar year 2025 relative to year 2000.
- water levels in the Evangeline Aquifer of the Gulf Coast Aquifer System in Refugio County have decreased by 4.8 feet (i.e., drawdown condition) in calendar year 2025 relative to year 2000.
- water levels of the Chicot and Evangeline Aquifers of the Gulf Coast Aquifer System in Refugio County, combined, have decreased by 3.6 feet (i.e., drawdown condition) in calendar year 2025 relative to year 2000.

The 5-year rolling average of change in water level depths for the Chicot and Evangeline Aquifers since calendar year 2000 based on the report developed by Intera titled *Application of Geostatistical*

Techniques to Interpret Measured 2024 and 2025 Water Levels is -6.3 feet (i.e., drawdown condition).

The desired future condition for Groundwater Management Area 15 is expressed as a maximum drawdown between January 2000 and December 2080. The county-specific desired future condition for Refugio County is "5 feet of drawdown of the Gulf Coast Aquifer System."

Based on water level trends within Refugio County, the district concludes that the condition of the Gulf Coast Aquifer within Refugio County is in compliance with the district's desired future condition.

Assessment of Achievement

Achievement Level of the Objective for the Fiscal Year: **FULL**

Supporting Information - Goal 7

Table 7.1 - Water Level Measurements Collected during FY2024 (Units: Feet Below Surface)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WLM-20231206-01	NW-00672	12/6/2023	55.3
WL-20240606-03	NW-00697	1/19/2024	62
WLM-20240126-01	GW-00152	1/26/2024	32.9
WLM-20240213-01	GW-00152	2/13/2024	32.9
WLM-20240221-04	GW-00079	2/21/2024	20.4
WLM-20240221-03	NW-00539	2/21/2024	26
WLM-20240221-02	NW-00570	2/21/2024	23.1
WLM-20240221-01	GW-00439	2/21/2024	13.7
WLM-20240223-01	GW-00234	2/23/2024	47.5
WL-20240606-02	NW-00696	3/1/2024	30
WL-20240528-01	NW-00690	3/1/2024	35
WL-20240606-01	NW-00695	3/5/2024	33
WL-20240528-02	NW-00691	3/7/2024	33
WL-20240528-03	NW-00692	3/11/2024	32
WL-20240325-01	NW-00686	3/22/2024	51
WLM-20240818-01	GW-00451	4/18/2024	24.7

WLM-20240813-01	GW-00079	8/13/2024	23.7
WLM-20240813-01	NW-00474	8/13/2024	28.7
WLM-20240813-01	GW-00439	8/13/2024	10.9
WLM-20240813-01	NW-00570	8/13/2024	24.5
WLM-20240813-01	NW-00539	8/13/2024	27.9
WLM-20250930-01	GW-00152	9/30/2024	33.06
Average:			31.9

Table 7.2 - Water Level Measurements Collected during FY2025 (Units: Feet Below Surface)

GCD Source Document ID	GCD Water Well ID	Measurement Date	Parameter Measurement
WLM-20250221-07	NW-00539	2/21/2025	25.9
WLM-20250221-06	NW-00570	2/21/2025	23.3
WLM-20250221-05	GW-00439	2/21/2025	14.5
WLM-20250221-04	GW-00079	2/21/2025	22.9
WLM-20250221-02	NW-00474	2/21/2025	31.3
WLM-20250221-01	GW-00234	2/21/2025	57.9
WLM-20250812-06	NW-00539	8/12/2025	25.7
WLM-20250812-05	NW-00570	8/12/2025	24.2
WLM-20250812-03	GW-00079	8/12/2025	22.5
WLM-20250812-01	NW-00474	8/12/2025	29.6
WLM-20250812-01	GW-00439	8/12/2025	10.9
WLM-20250812-01	NW-00474	8/12/2025	29.6
WLM-20250812-01	NW-00474	8/12/2025	29.6
Average:			26.8

Chart 7.1 - Average Water Level Measurements by Well for FY2000, FY2023, FY2024, and FY2025 in Refugio County (Units: Feet Below Surface)

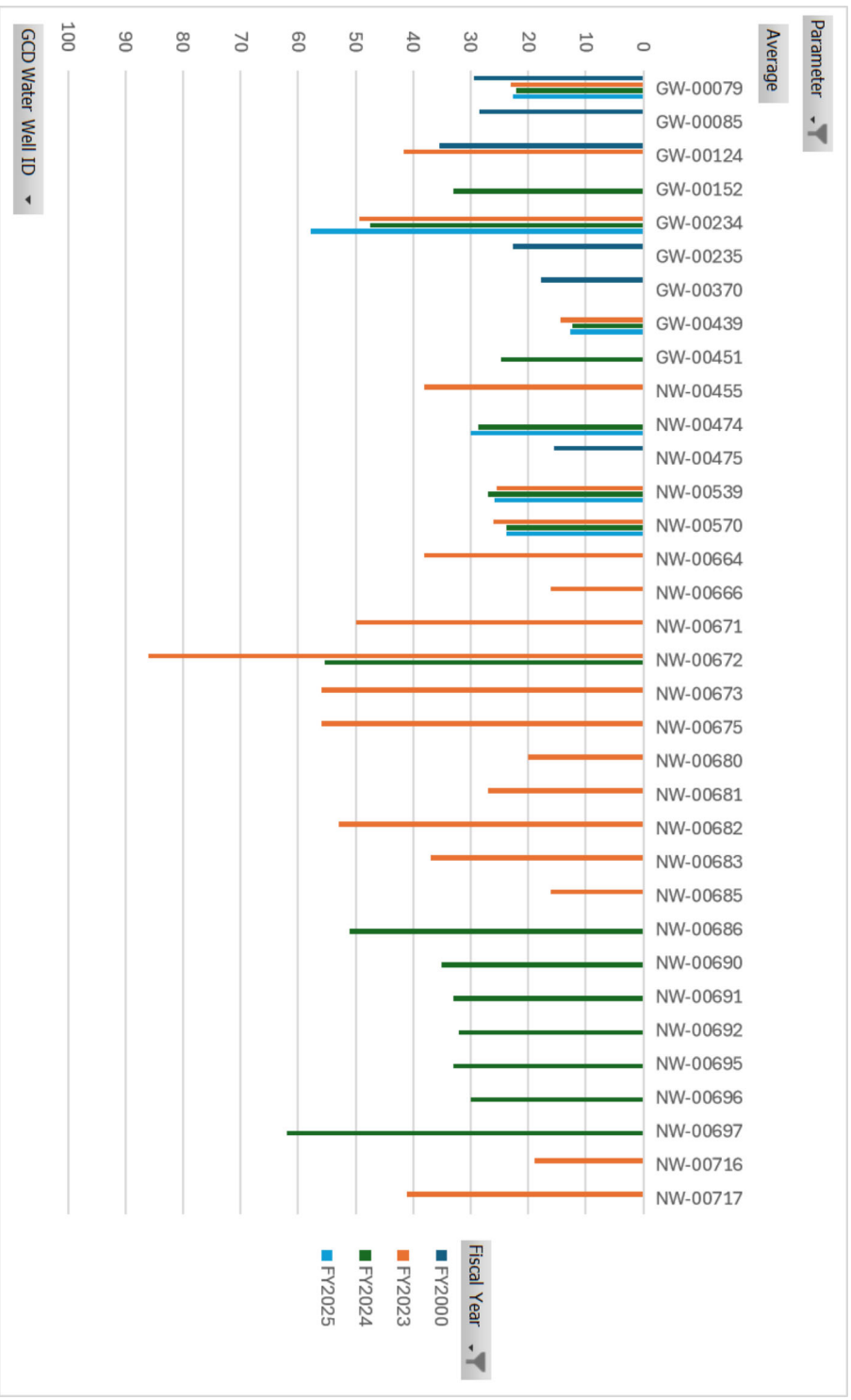


Table 7.3 - Average Water Level Measurements by Well for FY2000, FY2023, FY2024, and FY2025 in Refugio County (Units: Feet Below Surface)

Well ID	FY2000	FY2023	FY2024	FY2025
GW-00079	29	23	22	23
GW-00085	29			
GW-00124	36	42		
GW-00152			33	
GW-00234		49	48	58
GW-00235	23			
GW-00370	18			
GW-00439		14	12	13
GW-00451			25	
NW-00455		38		
NW-00474			29	30
NW-00475				
NW-00475	16			

NW-00539		25	27	26
NW-00570		26	24	24
NW-00664		38		
NW-00666		16		
NW-00671		50		
NW-00672		86	55	
NW-00673		56		
NW-00675		56		
NW-00680		20		
NW-00681		27		
NW-00682		53		
NW-00683		37		
NW-00685		16		
NW-00686			51	
NW-00690			35	
NW-00691			33	
NW-00692			32	
NW-00695			33	
NW-00696			30	
NW-00697			62	
NW-00716		19		
NW-00717		41		
Average:	24.9	36.6	34.4	28.8



G7.1 VCGCD - Intera Report Water Level Analysis for CY2025 - 20260218.pdf 5 MB

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

THE STATE OF TEXAS REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting on October 21, 2024, at 6:00 PM at 708 Commerce Street, Refugio, Texas 78377.

Meeting Attendance:

Precinct 1:	Mr. John Snyder, Treasurer	Present
Precinct 2:	Mr. Carroll Borden, President	Present
Precinct 3:	Ms. Cynthia Rose	Present
Precinct 4:	Mr. Fredric Biery, Secretary	Present
At Large:	Vacant	Absent
General Manager:	Mr. Timothy Andruss	Present
Legal Counsel:	Mr. James Allison	Absent

Agenda Item 1: Call the meeting to order and welcome guests.

Meeting Discussion: Carroll Borden called the meeting to order at approximately 6:00 PM.

Board Action: No action taken.

Agenda Item 2: Receive public comments.

Meeting Discussion: None.

Board Action: No action taken.

Agenda Item 3: Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

3.1 - Report

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Well Registration Processing for FY2024.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

As of October 15, 2024, staff had received 10 well registration applications (ARWs) since October 1, 2023.

As of October 15, 2024, staff had received 21 Notices of Intent to Drill a Well (NIDWs) since October 1, 2023.

Regarding Production Permit Renewal Processing for FY2024.

As of October 15, 2024, staff had received 0 production permit renewal requests (ARPs) since October 1, 2023.

Regarding Permit Processing for FY2024.

As of October 15, 2024, staff had initiated 4 permitting request case (PRCs) since October 1, 2023.

As of October 15, 2024, staff had 0 permitting request cases pending.

As of October 15, 2024, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,891 acre-feet.

On October 7, 2024, Mr. Richard Shaw contacted the district concerned about a plan to drill a well for Woodsboro in close proximity to his property. Staff have contacted the project manager, Mr. Hector Castaneda of Ardurra, regarding the project and recommendation that staff strongly encourages the owner of the proposed well to seek and obtain a production permit prior to commencing any drilling activities to avoid difficulties or the potential inability to use the well for the intended purpose at the intended production rates. Mr. Castaneda notified staff that he would contact Mr. Benavides to coordinate regarding a production permit application.

Regarding Groundwater Production Report Processing for CY2023.

As of October 15, 2024, staff had processed 41 groundwater production reports for the preceding calendar year since October 1, 2023.

As of October 15, 2024, staff had recorded groundwater production reports for 41 water wells reporting 1,019 acre-feet of groundwater production during CY2023. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

Regarding Manage Investigations related to Permitting Violations for FY2024.

As of October 15, 2024, staff had initiated 2 investigations related to groundwater management (i.e., permitting) since October 1, 2023.

As of October 16, 2024, staff had 0 active investigations related to groundwater management (i.e., permitting).

Regarding Manage Enforcement Cases related to Permitting Violations for FY2024.

As of October 15, 2024, the Board had initiated 4 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2023.

As of October 15, 2024, staff had 0 unresolved enforcement cases related to groundwater management (i.e., permitting).

Board Action: No action taken.

Agenda Item 4: Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

4.1 - Report

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Well Inspections for FY2024.

As of October 15, 2024, staff had recorded 13 well inspection forms (WIFs) since October 1, 2023.

Regarding Manage Investigations related to Groundwater Protection for FY2024.

As of October 15, 2024, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2023.

As of October 15, 2024, staff had 1 active investigation related to Groundwater Protection.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2024.

As of October 15, 2024, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2023.

As of October 15, 2024, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Board Action: No action taken.

Agenda Item 5: Consideration of and possible action on matters related to groundwater monitoring.

5.1 - Report

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Monitor Drought Conditions for FY2024.

As of October 16, 2024, the U.S. Drought Monitor indicates that 100% of Refugio County is experiencing dry or drought conditions.

As of October 16, 2024, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website (<https://www.waterdatafortexas.org/drought/>) indicates that all portions of Refugio County are experiencing abnormally dry conditions.

Regarding Synoptic Aquifer Monitoring for FY2024.

As of October 17, 2024, staff had collected 13 water level measurements since October 1, 2023.

Regarding Advanced Aquifer Monitoring for FY2024.

No report.

Regarding Baseline Water Quality Aquifer Monitoring for FY2024.

No report.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2024.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

As of October 17, 2024, staff had collected 7 water quality field measurements since October 1, 2023.

As of October 17, 2024, staff had collected 0 water quality samples since October 1, 2023.

As of October 17, 2024, staff had received 0 water quality lab reports since October 1, 2023.

Regarding Annual Water Level Assessment for FY2024.

No report.

Regarding Annual Water Quality Assessment for FY2024.

No report.

Regarding Monitoring Network Assessment and Improvement Project for FY2024.

No report.

Board Action: No action taken.

5.2 – Incentivizing Aquifer Monitoring Cooperation

Meeting Discussion: Mr. Andruss explained the purpose of the groundwater monitoring program is to facilitate the coordination of activities and tasks completed by staff, consultants, and contractors to evaluate the condition of the groundwater resources within the county.

The management plan of the district establishes the following objectives to be achieved through the implementation of the groundwater monitoring program:

Management Plan Goal 4 - Addressing Natural Resource Issues

Objective 1: Develop and maintain a program to monitor the water quality of at least twelve (12) water wells within the district per year.

Management Plan Goal 7 - Addressing the Desired Future Conditions

Objective 1: Develop and maintain a program to monitor the water level of at least twelve (12) water wells within the district per year.

Objective 2: Analyze aquifer monitoring information to evaluate achievement of the desired future conditions of the district based on information available during the fiscal year.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

On October 20, 2023, the Board of Directors authorized the implementation of a project to incentivize cooperation between well owners and the district regarding aquifer monitoring through the payment of access fee of \$50.00 per monitoring event to cooperating well owners. The funding was limited to \$5,000.00 during Fiscal Year 2024.

After the approval of the incentivization by the Board and the boards of Calhoun County GCD and Victoria County GCD, staff mailed out approximately 100 letters to property owners in the 3-county region regarding the incentivization project. Staff received very limited interest in the offer.

Board Action: Mr. Borden moved to authorize the general manager to implement a project to incentivize cooperation with the district regarding aquifer monitoring limiting financial incentives to \$100.00 per monitoring event at a well and \$5,000.00 during the fiscal year. Mr. Biery seconded the motion. The motion passed unanimously.

5.3 – TWDB Grant Program

Meeting Discussion: Mr. Andruss explained the Texas Water Development Board has established a program to facilitate water conservation in agriculture called the Agricultural Water Conservation Grants Program. Through the program, TWDB provides funding to entities such as GCDs to promote water conservation. Numerous GCDs across the state have secured funds for this purpose with meter cost-sharing being a common example of the type of program that is funded.

This grants program could represent an opportunity for the district to promote water conservation through awareness of pumping impacts while simultaneously improving the district's monitoring efforts of the groundwater resources in the county if a project for cost-sharing aquifer monitoring equipment were submitted and approved.

In particular, a program to fund the procurement and installation of the WellIntel monitoring system at strategic locations around the county would enable groundwater producers, nearby landowners, and staff of district to assess groundwater production impacts in real-time.

Board Action: Mr. Borden moved to authorize the general manager to submit a joint grant application with CCGCD, VCGCD, and TGCD to TWDB for advanced aquifer monitoring equipment at well sites used to produce groundwater for agricultural purposes. Ms. Rose seconded the motion. The motion passed unanimously.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

Agenda Item 6: Consideration of and possible action on matters related to groundwater conservation.

6.1 - Report

Meeting Discussion: Mr. Andruss gave the following report:

Regarding Promote Conservation for FY2024.

No Report.

Regarding conservation Education and Teacher Professional Development for FY2024

No Report.

Board Action: No action taken.

Agenda Item 7: Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

7.1 – Report.

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Regional Water Planning Participation for FY2024.

The South Central Texas Regional Water Planning Group (Region L) met on August 1, 2024. During the meeting, the planning group continued its efforts to develop the 2026 regional water plan for the region. The next meeting of the group is scheduled to meet on November 7, 2024.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2024.

The representatives of Groundwater Management Area 15 met on October 15, 2024 at 1:30 PM and upon conclusion of the Stakeholder Advisory Presentation by Texas Water Development Board staff regarding updates to the groundwater availability model for the central and southern portions of the Gulf Coast Aquifer System, on Tuesday, October 15, 2024, at the Nueces River Authority Office, 500 IH 69, Suite 805, Robstown, TX 78380.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

On October 10, 2024, the district executed the agreement with Intera, Inc. on behalf of the member districts of GMA 15 that had contributed funds to the GMA 15 Joint Planning Fund for technical services to adopt a desired future conditions during the 4th Joint Planning Cycle.

Board Action: No action taken.

Agenda Item 8: Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District, the hearing regarding the Proposed Rules of the District, and the Rules of the District.

8.1 - Report

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Management Plan Revisions for FY2024.

No report.

Regarding Rule Amendments for FY2024.

No report.

Regarding Legislative Support and Lobbying for FY2024.

No report.

Board Action: No action taken.

8.2 – Rulemaking Hearing

Meeting Discussion: Mr. Andruss explained on September 16, 2024, the public notice for the rule making hearing was posted on the website of the district with a copy of the proposed rules and a comparison document of the proposed rules to the current rules of the district.

On September 25, 2024, the public notice requirements for the rulemaking hearing were completed with the publication of the notice in the Victoria Advocate.

The revisions to the rules primarily include clarifications regarding the foundational policies of the district including the clarification regarding 1) non-historic use well offset from property lines, 2) maintaining well registration information with the district, 3) permit renewals associated with proposed (non-existing) wells, 4)

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

procedures related to permit amendments, 5) production limitations for non-historic use, and 6) the elimination of unnecessary notice requirements related to notices of need to file suit in association with violations.

Board Action: Mr. Borden moved to open the rulemaking hearing at approximately 6:20 PM. Mr. Biery seconded the motion. The motion passed unanimously.

Mr. Borden moved to close the rulemaking hearing after receiving no public comment on the proposed rules. Mr. Snyder seconded the motion. The motion passed unanimously.

8.3 – Consideration of Proposed Rule Revisions

Meeting Discussion: None.

Board Action: Mr. Borden moved to adopt the proposed rules as the Rules of the District, as drafted. Ms. Rose seconded the motion. The motion passed unanimously.

8.4 – District Fees

Meeting Discussion: Mr. Andruss explained the fee schedule of the district was adopted on April 17, 2023.

The legislature revised the transfer fee limitations in Chapter 36 of the Texas Water Code:

Sec. 36.122. TRANSFER OF GROUNDWATER OUT OF DISTRICT.

(e) Except as provided by Subsection (e-1), the district may impose an export fee or surcharge using one of the following methods:

- (1) a fee negotiated between the district and the exporter;
- (2) for a tax-based district, a rate not to exceed 20 cents for each thousand gallons of water exported from the district; or
- (3) for a fee-based district, a rate not to exceed the greater of 20 cents for each thousand gallons or a 50 percent surcharge, in addition to the district's production fee, for water exported from the district.

(e-1) Effective January 1, 2024, the maximum allowable rate a district may impose for an export fee or surcharge under Subsection (e)(2) or (e)(3) increases by three percent each calendar year.

Effective January 1, 2024, the maximum rate increased to \$0.206 cents per thousand gallons. On January 1, 2025, the maximum rate will increase to \$0.212

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

cents per thousand gallons. These rates equal \$67.125 per acre-foot of groundwater transferred out of the district and \$69.129 per acre-foot of groundwater transferred out of the district, respectively.

Staff have developed revisions to the fee schedule to update the fees to be assessed for the transfer of groundwater out of the district and establish fees to be assessed for excess groundwater production.

Board Action: Mr. Borden moved to adopt the draft fee schedule by resolution, as drafted. Ms. Rose seconded the motion. The motion passed unanimously.

Agenda Item 9: Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

9.1 - Report

Meeting Discussion: Mr. Andruss provided the following report:

Regarding Election Coordination for CY2024.

No Report.

Regarding Financial Audit for FY2023.

No Report.

Regarding Investment Management for FY2024.

No Report.

Regarding Financial Record Processing and Reporting for FY2024.

No Report.

Regarding Budget Development for FY2025.

No Report.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

Regarding Asset Tracking for FY2024.

No Report.

Regarding Public Funds Training for FY2024.

No Report.

Regarding Website Improvements.

No Report.

Regarding Public Notice and Meeting Coordination for FY2024.

The next meetings of the Board are scheduled for January 20, 2025, with each meeting to convene at 6:00 PM. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2023.

No Report.

Regarding Project Management for FY2024.

No Report.

Regarding Administrative Policy Review for FY2024.

No Report.

Regarding Transparency Reporting for FY2024.

No Report.

Regarding Cybersecurity Training for FY2024.

No Report.

Regarding Consultant Review for FY2024.

No Report.

Regarding Open Government Training for FY2024.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

No Report.

Regarding District Liability Insurance Review and Renewal for FY2024.

No Report.

Regarding Digital Record Archiving for FY2024.

No Report.

Regarding Physical Record Archiving for FY2024.

No Report.

Board Action: No action taken.

9.2 – Minutes of the Previous Meeting

Meeting Discussion: Mr. Andruss explained the minutes for the previous meeting were sent to the board members prior to the meeting.

Board Action: Mr. Biery moved to accept and approve the meeting minutes for July 15, August 19, and September 10, 2024, as drafted. Mr. Borden seconded the motion. The motion passed unanimously.

9.3 – Financial Reports of the District

Meeting Discussion: Mr. Andruss explained the internal financial reports of the District for June, July and August 2024, have been sent to the directors prior to the meeting.

Board Action: Ms. Biery moved to accept and approve the financial reports for June, July and August 2024. Mr. Snyder seconded the motion. The motion passed unanimously.

9.4 – Financial Transaction Review

Meeting Discussion: Mr. Andruss explained that since July 5, 2024, as of October 17, 2024, there have been 32 accounts payable, and 7 accounts receivable transactions recorded.

Board Action: No action taken.

Working to Conserve, Preserve, Protect, and Prevent Waste of Groundwater Resources Within Refugio County for the Benefit of Refugio County's Landowners, Citizens, Economy, and Environment.

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

9.5 – Investments of the District

Meeting Discussion: Mr. Andruss explained the investment reports for July and August 2024 have been sent to the board prior to the meeting.

Board Action: Ms. Rose moved to accept the investment reports for March, July and August 2024. Mr. Biery seconded the motion. The motion passed unanimously.

9.6 – Unpaid Accounts Payable

Meeting Discussion: Mr. Andruss explained the District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Borden moved to authorize the general manager to pay the following items:

1. ACCTP-20241021-01 - \$250.00 - Carroll Borden - October Meeting
2. ACCTP-20241021-01 - \$250.00 – John Snyder - October Meeting
3. ACCTP-20241021-03 - \$250.00 - Fredric Biery - October Meeting
4. ACCTP-20241021-04 - \$250.00 - Cynthia Rose - October Meeting
5. ACCTP-20241021-05 - \$1,110.00 - Allison, Bass & Magee, LLP
6. ACCTP-20241021-06 - \$875.00 - Higginbotham

Mr. Biery seconded the motion. The motion passed unanimously.

9.7 – Forms of Payment of Penalties and Settlement Fees

Meeting Discussion: Mr. Andruss explained the district has accepted payments of penalties and settlement fees in the form of personal and business checks. Recently, the Victoria County GCD experienced a situation in which the violator (7-Eleven) stopped payment on a business check used to pay a penalty fee. The stop payment resulted in the district incurring a bank fee of \$12.00 and additional administrative processing to investigate, report and re-process the payment. In addition, several business violators at the other cooperating districts have requested the districts provide administrative information to register as vendors. This is an additional administrative cost incurred by the districts to resolve violations caused by other parties.

Board Action: Mr. Borden moved to limit the acceptable form of payment for penalties and settlement fees to cashier's check or money order made payable to

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

the Refugio Groundwater Conservation District. Mr. Biery seconded the motion. The motion passed unanimously.

9.8 – Financial Audit for the Previous Fiscal Year

Meeting Discussion: Mr. Andruss explained, Mr. Goldman of Goldman, Hunt, and Notz LLP has expressed his firm's interest in performing the financial audit of the District for FY2024.

Board Action: Mr. Borden moved to 1) accept the offer of Goldman, Hunt, and Notz LLP to perform the financial audit for the fiscal year ending September 30, 2024, 2) authorize the general manager to execute the associated engagement letter, 3) authorize the firm to begin the audit upon development of the internal financial reports for September 30, 2024, and 4) instruct the general manager to develop and present to the board a request for proposal for auditing services for the audit of the financial records for the fiscal year ending September 30, 2025. Ms. Rose seconded the motion. The motion passed unanimously.

9.10 – District Assets and Office Consolidation

Meeting Discussion: Mr. Andruss explained on October 4, 2024, Mr. Andruss notified Judge Poynter of the administrative changes under way at the district (i.e., the 5-year ILA and office consolidation).

With the consolidation office space, staff have:

1. secured a central post office box (P.O. Box 69, Victoria, Texas 77902) for the districts,
2. transferred the physical records and fire proof cabinets to the VCGCD office,
3. investigated options for transferring surplus equipment and furnishing to Refugio County,
4. begun investigation for consolidating existing phone lines,
5. posted job notices with the Texas Workforce Commission, on the VCGCD website, and on Indeed,
6. begun the process for identifying a new location of the consolidated offices.

Mr. Allison developed a draft interlocal agreement to be used to properly transfer excess equipment and furnishings to Jackson County. The draft agreement was provided to Judge Poynter for consideration on October 4, 2024.

Board Action: Ms. Rose moved to authorize the general manager to execute the Interlocal Agreement Between Refugio Groundwater Conservation District and

Refugio Groundwater Conservation District

604 E. Commerce St., Refugio, Texas 78377

P.O. Box 116, Refugio, Texas 78377

Phone (361) 526-1483 | Fax (361) 526-1294 | www.rgcd.org

Refugio County related to excess equipment, as drafted. Mr. Snyder seconded the motion. The motion passed unanimously.

Agenda Item 10: Consideration of and possible action on matters related to legal counsel report.

10.0 – Legal Counsel Report

Meeting Discussion: None.

Board Action: No action taken.

Agenda Item 11: Adjourn Meeting.

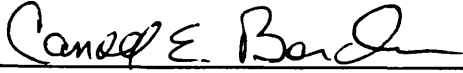
11.0 – Adjourn Meeting

Meeting Discussion: None.

Board Action: Mr. Borden moved to adjourn the meeting after concluding all business of the District at 7:04 PM. Mr. Snyder seconded the motion. The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 21st day of JANUARY, 2025.

ATTEST:


District Director


District Director

Refugio Groundwater Conservation District Meeting Minutes for January 21, 2025

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at 708 Commerce St., Refugio, Texas 78377 on January 21, 2025, at 6:00 PM.

Item 1. Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order and called the roll of representatives:

Precinct 1: Mr. John Snyder, Treasurer: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant:

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2. Receive public comments.

Mr. Borden offered to accept public comments from attendees.

Item 3. Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss proved the following reports:

Regarding Well Registration Processing for FY2025.

As of January 17, 2025, staff had received 3 well registration applications (ARWs) since October 1, 2024.

As of January 17, 2025, staff had received 12 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of January 17, 2025, staff had received 0 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of January 17, 2025, staff had initiated 2 permitting request case (PRCs) since October 1, 2024.

As of January 17, 2025, staff had 3 permitting request cases pending.

- PRC-20250103-01 - AAP-20250102-01 - Bad Bull 2023 LLC.
- PRC-20241212-01 - ANHUPPWS-20241211-01 - Town of Woodsboro
- PRC-20201215-01 - ADW-20201210-01/AOW-20201210-02 - Chandra Purnama

As of January 17, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,891 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of January 17, 2025, staff had processed 9 groundwater production reports for the preceding calendar year since October 1, 2024.

As of January 17, 2025, staff had recorded groundwater production reports for 9 water wells reporting 4.76 acre-feet of groundwater production during CY 2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates.).

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of January 17, 2025, staff had initiated 0 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of January 17, 2025, staff had 0 active investigations related to groundwater management (i.e., permitting).

Staff will review all expired permits and unresolved permitting matters during the fiscal year, while processing permits due to expire during the fiscal year, to ensure all well owners and operators comply with the requirements established under the rules of the district regarding production permitting and production reporting.

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of January 17, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of January 17, 2025, staff had 0 unresolved enforcement cases related to groundwater management (i.e., permitting).

Topic 3.2 - Permit Hearing - PRC-20241212-01

Mr. Andruss provided the following discussion:

Mayor Kay Roach for The Town of Woodsboro seeks, under permitting request case PRC-20241212-01, a standard-capacity non-historic-use production permit authorizing the production of groundwater from a non-grandfathered well

system for municipal uses at rates not to exceed 499 gallons per minute or 249 acre-feet per year. The subject well system is located on a 2.3-acre tract of land near the intersection of 2nd Street and Johnson Street, and a 0.3-acre tract of land near the intersection of Summit Avenue and Chaparral Street, in the Town of Woodsboro, Refugio County, Texas.

On December 31, 2024, May Kay Roach submitted the applications and supplemental information to the District.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information evaluate the request relative to the rules of the district. On January 2, 2025, the district notified the applicant that the associated application(s) was considered administratively complete.

Per Rule 6.1(6). the applicant requested the district consider all contiguous land within the boundary of its certificate of convenience and necessity (CCN) to be under its control for the purposes of evaluating the spacing requirements, production limitations, and performance conditions of the district. The calculated area of the contiguous tracts of groundwater control is 583.89 acres. A well proposed to be drilled, constructed, and equipped to produce groundwater at a rate of 499 GPM should be offset from the nearest property line by 499 feet per RGCD Rule 2.2(2).

Rule 2.2(2) states: "A person drilling or having drilled a non-grandfathered well or a replacement well for a non-grandfathered well that is not a deep-saline well shall locate the non-grandfathered well in a position that is offset from the boundary of the subject tracts of contiguous ownership of land by at least one foot (1 foot) of separation per one gallon per minute of production capacity of the non-grandfathered well."

The rules of the district provided for reducing the offset if written waivers are obtained from landowners that would be encroached upon given the proposed production rate and location.

Rule 2.2(4) states: "A person drilling or having drilled a non-grandfathered well or replacement well for a non-grandfathered well may locate the well in a position that encroaches upon spacing requirements from the property of any landowner or any owner of groundwater resources from whom a written waiver of the spacing requirements is obtained provided the waiver contains: 4.1. the printed name and signature of the landowner and the owner of groundwater resources or the authorized agent of the landowner and the owner of groundwater resources, and 4.2. states that the landowner and the owner of

groundwater resources have no objection to the proposed position of the non-grandfathered well or the replacement well for a non-grandfathered well."

The application includes waivers of spacing requirements from the two landowners identified by the applicant as being encroached upon under Rule 2.2(s): Donald E. Kingsbury and RCDM Enterprises, LLC.

Based on the review of the information provided within the associated application and supplemental information provided by the applicant, management has determined that the request is consistent with the policies and rules of the district. Accordingly, the district has not notified the applicant of the intent of the district to contested the permitting request.

On January 2, 2025, the district completed the public notice process for the permitting request case.

As of January 17, 2025, the District had not received any notices of intent to contest the permitting request.

Board Action: Mr. Borden moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; and 2) issue a standard-capacity production permit to the Town of Woodsboro for the subject well system under permitting request case PRC-20241212-01 with the following conditions and the requirements established in the rules of the district now in effect:

Authorized Groundwater Production Purpose: Municipal Uses;
Authorized Groundwater Production Rate: 499 gallons per minute;
Authorized Groundwater Production: 249 acre-feet per year; and
Expiration Date: July 31, 2030.

Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 3.3 - Investigation of Unreported Groundwater Production for Irrigation

Mr. Andruss provided the following discussion:

While reviewing estimates of groundwater production related to irrigation for the Texas Water Development Board (TWDB), staff identified a significant discrepancy between 1) the volume of groundwater production reported to the District for years 2022 and 2023 and 2) the volume of groundwater production for irrigation estimated by TWDB. In Jackson County, the reported groundwater production across all types of permitted uses (including irrigation) totals 25,816 AF while the estimate of groundwater use for irrigation is 61,961 AF, a difference of 36,145 AF.

Based on rice crop information retrieved from GMU's CropScape and USDA's CroplandCROS, it appears that rice irrigation may be substantially under reported to TGCD. This may be the case for RGCD as well. The image below illustrates those areas with rice crops without reported groundwater production

in close proximity. The likely unreported groundwater production associated with these areas likely account for the significant difference between your estimate and TGCD's reported production amounts.

Board Action: Mrs. Rose moved to authorize the general manager to initiate an investigation to resolve potential violations associated with any confirmed instances of failure to report groundwater production associated with rice irrigation. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 3.4 - Brackish Groundwater Assessment

Mr Andruss provided the following discussion:

With the adoption of the revised rules of the district for Refugio GCD, Calhoun County GCD, and Refugio GCD, which includes a framework for incentivizing production permitting in deep saline groundwater zones, staff has requested a cost estimate from Dr. Young of Intera for extending the technical work completed for VCGCD (See: <https://www.vcgcd.org/groundwater-research>) used to support the development of its deep-saline production zone rules. The work completed for VCGCD by Intera cost approximately \$55,000.00. Dr. Young estimated the cost at \$20,000 per county.

Board Action: Mr. Snyder moved to instruct the general manager to obtain a proposal from Intera for the characterization of brackish groundwater resources in Refugio County from Dr. Young of Intera. Mr. Biery seconded the motion. The motion passed unanimously.

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following discussion:

Regarding Well Inspections for FY2025.

As of January 17, 2025, staff had recorded 2 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of January 17, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of January 17, 2025, staff had 1 active investigation related to Groundwater Protection.

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of January 17, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of January 17, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following discussion:

Regarding Monitor Drought Conditions for FY2025.

As of January 17, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 100% of Refugio County was experiencing abnormally dry or drought conditions. As of January 17, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website <https://www.waterdatafortexas.org/drought/> indicates that all portions of Refugio County are experiencing abnormally dry or drought conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of January 17, 2025, staff had collected 0 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of January 17, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of January 17, 2025, staff had collected 0 water quality samples since October 1, 2024.

As of January 17, 2025, staff had received 0 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Topic 5.2 - Consideration of and possible action on matters related to groundwater monitoring.

Mr. Andruss provided the following discussion:

On July 15, 2024, the Board accepted the proposal from Intera regarding the analysis of CY2023 water levels and authorized agreed to share the cost of the with the work with Victoria County GCD, Calhoun County GCD, and Texana GCD at a cost not to exceed \$4,500.00.

On December 18, 2024, Dr. Young submitted the report and presentation on the analysis of CY2023 water levels using the geostatistical approach for Victoria County, Calhoun County, Refugio County, and Jackson County.

Based on Table 4 of the Intera's report, water levels in Refugio County in the calendar year 2023 for the Chicot and the Evangeline Aquifers, combined, have declined 7.3 feet since the calendar year 2000. The water levels in the Chicot Aquifer, alone, have declined 7.5 feet in Refugio County and the water levels in the Evangeline Aquifer, alone, have declined 8.4 feet since the calendar year 2000.

The average water level change for the Chicot and Evangeline Aquifer in Refugio County between CY2019 and CY2023 is 5.48 feet. The image below illustrates the calculated water level changes overtime.

The spatial representation of the calculated water level change with in Refugio County in CY2023 illustrates a significant decline in water levels centered at the tri-county intersection of Refugio, Bee, and Goliad Counties in both the Chicot and Evangeline Aquifers.

Staff of the district will investigate the significant declines identified near the northwestern border of Refugio County.

Board Action: Mr. Borden moved to 1) accept the report on the analysis of CY2023 water levels using the geostatistical approach submitted by Dr. Young of Intera, and 2) authorize the general manager to pay the district's share of the cost (\$4,500). Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 5.3 - Water Quality Assessment Proposal

Mr Andruss provided the following discussion:

The Board has consistently expressed interest in groundwater quality impacts associated with groundwater production. In fact, the management plan of the district states

"The district will monitor aquifer conditions in and around Refugio County in order to monitor changing water levels and water quality of groundwater resources within Refugio County. The district will make periodic assessments of aquifer conditions and will report those conditions to the Board of Directors of the district and to the public."

Furthermore, the rules of the district address groundwater quality extensively including the following:

Rule 1.2 states "The board of directors shall adopt rules pursuant to the authority of Section 36.101, Texas Water Code, for the purpose of conserving, preserving, protecting, and recharging groundwater in the district in order to

control subsidence, prevent degradation of water quality, or prevent waste of groundwater, and protect the rights of owners of groundwater resources."

Rule 2.2(1) states "The district shall regulate the spacing of non-grandfathered wells and replacement wells in order to:

- 1.1. prevent or limit the drawdown of the water table or the reduction in artesian pressure,
- 1.2. prevent or limit interference between wells,
- 1.3. prevent or limit the degradation of water quality, or
- 1.4. prevent waste of groundwater."

Rule 6.1.1(4) states "The district shall limit the authorized groundwater production amount of a production permit for non-historic use of a non-exempt-use well to the degree the board of directors determines to be necessary to ensure the groundwater production from the subject well will not likely cause excessive water level declines within the district, excessive water quality changes of groundwater resources within the district, or significantly contribute to subsidence within the district."

In order to improve the ability of the district to evaluate changes to and impacts on groundwater quality, staff has obtained a proposal from Daniel B. Stephens and Associates, Inc. (DBSA) to study and document groundwater quality for Victoria, Calhoun, Refugio, and Jackson Counties as a jointly funded project of Victoria County GCD, Calhoun County GCD, Refugio GCD, and Texana GCD. As proposed the proposed work is estimated to cost approximately \$74,000.00, or \$18,500.00 per district.

Board Action: Mr. Snyder moved to 1) accept the proposal from Daniel B. Stephens and Associates, Inc. (DBSA) to study and document groundwater quality for Refugio, Victoria, Calhoun, and Jackson Counties and 2) authorize the general manager to authorize the work as proposed and cost-share in the expenses for the proposed work in an amount not to exceed \$74,000.00, contingent upon Texana GCD, Calhoun County GCD, and Victoria County GCD agreeing to the same. Mr. Biery seconded the motion. The motioned passed unanimously.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

This item was not discussed or acted upon during the meeting.

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following discussion:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on November 7, 2024. During the meeting, the planning group continued its efforts to develop the 2026 regional water plan for the region. The next meeting of the group is scheduled to meet on January 23, 2025.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on October 10, 2024, at 9:30 AM at the offices of the Evergreen Underground Water Control District and actively began the process for developing desired future conditions for GMA 15 with the assistance of its technical consultant, Dr. Young of Intera.

Item 8 - Consideration of and possible action on matters related to groundwater policy including the management plan of the district, the rules of the district, and bills of the 89th Legislative Session of the Texas Legislature.

Topic 8.1 - Report

The topic was not discussed or acted upon during the meeting.

Topic 8.2 - Legislative Session

Mr. Andruss provided the following discussion:

The legislative session of the Texas Legislature began on Tuesday, January 14, 2025. As of January 10, 2025, staff had identified the following bills with "groundwater" within the text of the introduced bills:

89(R) HB 279 - Introduced Version - Bill Text Author: Guillen Caption: Relating to procedural requirements for uranium mining production area authorizations.

89(R) HB 873 - Introduced Version - Bill Text Author: Wilson Caption: Relating to air quality permits for aggregate production operations and concrete batch plants.

89(R) HB 914 - Introduced Version - Bill Text Author: Thompson, Senfronia Caption: Relating to repealing civil asset forfeiture provisions and establishing criminal asset forfeiture in this state.

89(R) HB 1050 - Introduced Version - Bill Text Author: Dorazio Caption: Relating to the award of attorney's fees in certain suits involving a groundwater conservation district.

89(R) HB 1322 - Introduced Version - Bill Text Author: Hopper Caption: Relating to municipal approval of subdivision plans or plats in certain municipalities.

89(R) HB 1400 - Introduced Version - Bill Text Author: Harris Caption: Relating to creation of the groundwater science, research, and innovation

fund to be administered by the Texas Water Development Board.

89(R) HB 1438 - Introduced Version - Bill Text Author: Zwiener Caption: Relating to climate change planning and reporting.

89(R) HB 1523 - Introduced Version - Bill Text Author: Gerdes Caption: Relating to a prohibition on the authorization by the Texas Commission on Environmental Quality of the use of a Class V injection well for certain aquifer storage and recovery projects.

89(R) HB 1529 - Introduced Version - Bill Text Author: Goodwin Caption: Relating to production fees imposed by the Southwestern Travis County Groundwater Conservation District; authorizing an increase in the rate of the fee.

89(R) HB 1618 - Introduced Version - Bill Text Author: Harris Davila Caption: Relating to aquifer storage and recovery projects that transect a portion of the Edwards Aquifer.

89(R) HB 1633 - Introduced Version - Bill Text Author: Gerdes Caption: Relating to the criteria considered by groundwater conservation districts before granting or denying a permit or permit amendment.

89(R) HB 1643 - Introduced Version - Bill Text Author: Oliverson Caption: Relating to the authority of the Harris-Galveston Subsidence District over the North Harris County Regional Water Authority.

89(R) HB 1689 - Introduced Version - Bill Text Author: Gerdes Caption: Relating to the use of certain groundwater export fees collected by a groundwater conservation district.

89(R) HB 1690 - Introduced Version - Bill Text Author: Gerdes Caption: Relating to an application for a permit for the transfer of groundwater out of a groundwater conservation district.

89(R) SB 325 - Introduced Version - Bill Text Author: Perry Caption: Relating to county regulation of subdivisions and approval of subdivision plans or plats.

89(R) SB 444 - Introduced Version - Bill Text Author: Hinojosa, Juan "Chuy" Caption: Relating to a requirement that certain special purpose districts cause certain information to be posted on an Internet website.

89(R) SB 616 - Introduced Version - Bill Text Author: Schwertner Caption: Relating to aquifer storage and recovery projects that transect a portion of the Edwards Aquifer.

89(R) SB 624 - Introduced Version - Bill Text Author: Kolkhorst Caption: Relating to the criteria considered by groundwater conservation districts before granting or denying a permit or permit amendment.

Topic 8.3 - Reporting Requirements

Mr. Andruss provided the following discussion:

In order to clarify that reporting requirements apply to all wells used to produce groundwater used for purposes other than exempt-use purposes, regardless of any classification that may be applied to the registration of a well by the district, Rule 4.2 would benefit from the following revisions:

2. The owner of groundwater resources produced from a non-exempt-use well well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the non-exempt-use well for the preceding calendar year to the district.
4. The owner of groundwater resources produced from a non-exempt-use well well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the non-exempt-use well that is accurate within ten percent (10%) of the actual volume of groundwater produced by the non-exempt use during the calendar year.
5. The owner of groundwater resources produced from a non-exempt-use well well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the non-exempt-use well for the previous calendar year (January 1 to December 31) during January of the current calendar year.
6. The owner of groundwater resources produced from a non-exempt-use well well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the non-exempt-use well using a form provided by the district.
7. The owner of groundwater resources produced from a non-exempt-use well well that produced groundwater for non-exempt-use purposes shall include the following information when reporting the volume of groundwater produced from a non-exempt-use well:

Topic 8.4 - Director Compensation and Fees of Office

Mr. Andruss provided the following discussion:

On January 19, 2021, the Board of Directors adopted a resolution concerning fees of office.

Currently, the District compensates its directors for the performance of their duties under Chapter 36.060 of the Texas Water Code. See:

<https://statutes.capitol.texas.gov/Docs/WA/htm/WA.36.htm#36.060>. TWC 36.06 limits fees of office to not more than \$250 a day for each day the director actually spends performing the duties of a director and not more than \$9,000 a

year. These limits effectively limit directors to being compensated for no more than 36 days of service per year.

If the directors wish to seek an increase in the limits established under TWC 36.06 for fees for office, the Board would need to take action on this matter at the meetings to enable staff to coordinate with legislators for the possible filling of a bill during the regular legislative session beginning in January 2025.

In preparation for this matter, legal counsel has drafted a resolution for consideration by the Board.

Board Action: Mr. Biery moved to adopt the Resolution to Authorize Compensation for Directors as drafted by legal counsel and authorize staff to seek to coordinate with legislators for the possible filling of a bill during the regular legislative session beginning in January 2025 regarding the matter. Mr. Snyder seconded the motion. The motion passed unanimously.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following discussion:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meetings of the Board are scheduled for January 20, 2025, with each meeting to convene at 6:00 PM. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss provided the following discussion:

The minutes for the previous meeting were sent the board members prior to the meeting.

Board Action: Mr. Biery moved to accept and approve the meeting minutes for October 21, 2024, as drafted. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss provided the following discussion:

The investment reports for July and August 2024 have been sent to the board prior to the meeting.

Board Action: Mr. Biery moved to accept the investment reports for September 2024, October 2024, and November 2024. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Review

Mr Andruss provided a list of accounts payable transactions that were recorded since October 1, 2024 to January 18, 2025 and a list of accounts receivable transaction that were recorded since October 1, 2024 to January 18, 2025.

Topic 9.5 - Financial Reports of the District

Mr. Andruss provided the following discussion:

The internal financial reports of the District for September 2024, October 2024, and November 2024, have been compiled by Ms. Davenport, Administrative Coordinator, and sent to the directors prior to the meeting.

Board Action: Mr. Borden moved to accept and approve the financial reports for September 2024, October 2024, and November 2024. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mr. Andruss provided the following discussion:

The District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mrs. Rose moved to authorize the General Manager to pay the outstanding bills and invoices for goods and services received by the district. Mr. Snyder seconded the motion. The motion passed unanimously.

- ACCTP-20241219-01 - \$390.00 - Allison, Bass & Magee, LLP
- ACCTP-20241219-02 - \$30,319.59 - VCGCD - Interlocal Agreement
- ACCTP-20250121-01 - \$30,561.80 - VCGCD - Interlocal Agreement
- ACCTP-20250121-03 - \$210.00 - Allison, Bass & Magee
- ACCTP-20250121-04 - \$250.00 - Carroll Borden - January Meeting
- ACCTP-20250121-05 - \$250.00 - John Snyder - January Meeting
- ACCTP-20250121-06 - \$250.00 - Fredric Biery - January Meeting
- ACCTP-20250121-07 - \$250.00 - Cynthia Rose - January Meeting

Topic 9.7 - Certification of 2024 Tax Levy

Mr. Andruss provided the following discussion:

On September 27, 2024, Ms. Kelley, Refugio County Tax Assessor-Collector, requested that the Board consider and approve the 2024 tax levy calculations for Tax Year 2024. The total tax levy is \$190,639.13.

Board Action: Mr. Snyder moved to accept and approve the 2024 tax levy and special assessment as provided by the Refugio County Tax Assessor-Collector. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.8 - Review of Administrative Policies

Mr. Andruss provided the following discussion:

The following links represent the administrative policies in effect as of January 18, 2025:

- the By-Law of the District as adopted on January 9, 2023; and
- the Investment Policy of the District as adopted on October 16, 2023.

Board Action: Mr. Borden moved to re-adopt the following policies as the administrative policies of the District:

- the By-Law of the District as adopted on January 9, 2023; and
- the Investment Policy of the District as adopted on October 16, 2023.

Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.9 - Election of Officers

Mr. Andruss provided the following discussion:

The By-Laws of the District require the election of four officers, President, Vice-President, Secretary, and Treasurer, each January.

On January 9, 2023, the Board passed a motion to 1) elect: Mr. Borden as President of the Board; Mr. Carter as Vice-President of the Board; Mr. Biery as Secretary of the Board; and Mr. Snyder as Treasurer of the Board. The office

of Vice-President is considered unfilled with the resignation of Scott Carter as a director of the district.

Board Action: Mr. Snyder moved to 1) elect: Mr. Borne as President of the Board; Mr. Snyder as Vice-President of the Board; Mr. Biery as Secretary of the Board; Mrs. Rose as Treasurer of the Board, and 2) authorize the general manager to submit an updated district information form to TCEQ. Mr. Biery seconded the motion. The motion passed unanimously.

Item 10 - Consideration of and possible action on matters related to legal counsel report.

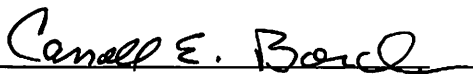
The item was not discussed or acted upon during the meeting.

Item 11.0 - Adjourn Meeting

Board Action: Mr. Borne moved to adjourn the meeting at 7:30 p.m. after concluding all business of the District. Mr. Biery seconded the motion, The motion passed unanimously.

The above and foregoing minutes were read and approved on this the 18th day of FEB., 2025

ATTEST:



District Director



District Director

Refugio Groundwater Conservation District Meeting Minutes for February 18, 2025

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at 708 Commerce St., Refugio, Texas 78377 on February 18, 2025, at 6:00 PM.

Item 1. Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order at 6:00 p.m. and called the roll of representatives:

Precinct 1: Mr. John Snyder, Treasurer: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant:

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2. Receive public comments.

No public comments were offered at the meeting.

Item 3 -Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of February 12, 2025, staff had received 6 well registration applications (ARWs) since October 1, 2024.

As of February 12, 2025, staff had received 14 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of February 12, 2025, staff had received 0 production permit renewal requests (ARPPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of February 12, 2025, staff had initiated 2 permitting request case (PRCs) since October 1, 2024.

As of February 12, 2025, staff had 3 permitting request cases pending.

- a. PRC-20201215-01 - ADW-20201210-01/AOW-20201210-02 - Chandra Purnama - Pending / Uncontested
- b. PRC-20241212-01 - ANHUPPWS-20241211-01 - Town of Woodsboro - Pending/Uncontested
- c. PRC-20250103-01 - AAP-20250102-01 - Bad Bull 2023 LLC. - Pending/Protested

As of February 12, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,891 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of February 12, 2025, staff had processed 28 groundwater production reports (GPRs) for the preceding calendar year since October 1, 2024.

As of February 12, 2025, staff had recorded groundwater production reports for 27 water wells reporting 655 acre-feet of groundwater production during CY2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates.).

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of February 12, 2025, staff had initiated 1 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of February 12, 2025, staff had 1 active investigations related to groundwater management (i.e., permitting):

- a. INV- 20250122-01 - Failure to report groundwater production - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of February 12, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of February 12, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

- a. None.

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the follow information:

Regarding Well Inspections for FY2025.

As of February 12, 2025, staff had recorded 2 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of February 12, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of February 12, 2025, staff had 1 active investigation related to Groundwater Protection.

- a. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of February 12, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of February 12, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Monitor Drought Conditions for FY2025.

As of February 13, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 50.1% of Refugio County was experiencing abnormally dry or drought conditions.

As of February 13, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website <https://www.waterdatafortexas.org/drought/> indicates that all portions of Refugio County are experiencing abnormally dry or drought conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of February 13, 2025, staff had collected 0 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of February 13, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of February 13, 2025, staff had collected 2 water quality samples since October 1, 2024.

As of February 13, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

As of February 13, 2025, the District maintains two webpages under the heading of Groundwater Conservation:

- Groundwater Conservation - Refugio Groundwater Conservation District
- Drought Monitoring - Refugio Groundwater Conservation District
- Groundwater Conservation Sponsorship - Refugio Groundwater Conservation District

The sponsorship webpage has been updated to reflect the \$500.00 budget for conservation sponsorship during FY2025.

Regarding Conservation Education and Teacher Professional Development for FY2025.

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on January 23, 2025. The next meeting of the group is scheduled to meet on February 20, 2025. See: <https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on January 9, 2025. The next meeting of the group is scheduled to meet on April 10, 2025. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Item 8 - Consideration of and possible action on matters related to groundwater policy including the management Plan of the District, the rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Legislative Support and Lobbying for FY2025.

- 89(R) HB 279 - Author: Guillen - Caption: Relating to procedural requirements for uranium mining production area authorizations.
- 89(R) HB 873 - Author: Wilson - Caption: Relating to air quality permits for aggregate production operations and concrete batch plants.
- 89(R) HB 914 - Author: Thompson, Senfronia - Caption: Relating to repealing civil asset forfeiture provisions and establishing criminal asset forfeiture in this state.
- 89(R) HB 1050 - Author: Dorazio - Caption: Relating to the award of attorney's fees in certain suits involving a groundwater conservation district.
- 89(R) HB 1322 - Author: Hopper - Caption: Relating to municipal approval of subdivision plans or plats in certain municipalities.
- 89(R) HB 1400 - Author: Harris - Caption: Relating to creation of the groundwater science, research, and innovation fund to be administered by the Texas Water Development Board.
- 89(R) HB 1438 - Author: Zwiener - Caption: Relating to climate change planning and reporting.
- 89(R) HB 1523 - Author: Gerdes - Caption: Relating to a prohibition on the authorization by the Texas Commission on Environmental Quality of the use of a Class V injection well for certain aquifer storage and recovery projects.
- 89(R) HB 1529 - Author: Goodwin - Caption: Relating to production fees imposed by the Southwestern Travis County Groundwater Conservation District; authorizing an increase in the rate of the fee.
- 89(R) HB 1618 - Author: Harris Davila - Caption: Relating to aquifer storage and recovery projects that transect a portion of the Edwards Aquifer.
- 89(R) HB 1633 - Author: Gerdes - Caption: Relating to the criteria considered by groundwater conservation districts before granting or denying a permit or permit amendment.
- 89(R) HB 1643 - Author: Oliverson - Caption: Relating to the authority of the Harris-Galveston Subsidence District over the North Harris County Regional Water Authority.
- 89(R) HB 1689 - Author: Gerdes - Caption: Relating to the use of certain groundwater export fees collected by a groundwater conservation district.

- 89(R) HB 1690 - Author: Gerdes - Caption: Relating to an application for a permit for the transfer of groundwater out of a groundwater conservation district.
- 89(R) HB 1730 - Author: Morales Shaw - Caption: Relating to a study regarding the effects of perfluoroalkyl and polyfluoroalkyl chemicals on public health.
- 89(R) HB 1827 - Author: Slawson - Caption: Relating to the repeal of the additional ad valorem taxes imposed as a result of a change of use of certain land.
- 89(R) HB 2015 - Author: Zwiener - Caption: Relating to the consideration of water conservation by the Texas Commission on Environmental Quality when determining whether to grant or deny a petition for the creation of a municipal utility district.
- 89(R) HB 2034 - Author: Gerdes - Caption: Relating to the issuance of groundwater permits to certain aliens or foreign entities.
- 89(R) HB 2077 - Author: Gerdes - Caption: Relating to persons eligible to appeal the desired future conditions adopted by a groundwater conservation district.
- 89(R) HB 2078 - Author: Gerdes - Caption: Relating to the joint planning of desired future conditions in groundwater management areas.
- 89(R) HB 2080 - Author: Gerdes - Caption: Relating to the review of the duties of a groundwater conservation district by the Texas Commission on Environmental Quality.
- 89(R) HB 2246 - Author: Cain - Caption: Relating to the terminology used in statute to refer to the partially landlocked body of water on the southeastern periphery of the North American continent.
- 89(R) HB 2347 - Author: Zwiener - Caption: Relating to the adoption of a water conservation program by certain counties.
- 89(R) HB 2384 - Author: Guillen - Caption: Relating to county regulation of subdivisions and approval of subdivision plans or plats.
- 89(R) HB 2422 - Author: Goodwin - Caption: Relating to seller's disclosures regarding water services for and water rights in residential real property.
- 89(R) HB 2500 - Author: Spiller - Caption: Relating to certain proceedings by the Public Utility Commission of Texas regarding water or sewer service.
- 89(R) HB 2612 - Author: Zwiener - Caption: Relating to the establishment and functions of the Texas Carbon Dioxide Sequestration Policy Council.
- 89(R) HB 2626 - Author: Buckley - Caption: Relating to creating the Central Texas Water Alliance; providing authority to issue bonds; granting the power of eminent domain; providing authority to impose fees.

- 89(R) HB 2774 - Author: Virdell - Caption: Relating to the authority of the Bandera County River Authority and Groundwater District to regulate structures near Medina Lake.
- 89(R) SB 325 - Author: Perry - Caption: Relating to county regulation of subdivisions and approval of subdivision plans or plats.
- 89(R) SB 444 - Author: Hinojosa, Juan "Chuy" - Caption: Relating to a requirement that certain special purpose districts cause certain information to be posted on an Internet website.
- 89(R) SB 616 - Author: Schwertner - Caption: Relating to aquifer storage and recovery projects that transect a portion of the Edwards Aquifer.
- 89(R) SB 624 - Author: Kolkhorst - Caption: Relating to the criteria considered by groundwater conservation districts before granting or denying a permit or permit amendment.
- 89(R) SB 718 - Author: Kolkhorst | et al. - Caption: Relating to creation of the groundwater science, research, and innovation fund to be administered by the Texas Water Development Board.
- 89(R) SB 729 - Author: Johnson - Caption: Relating to the operation of rock crushing facilities.
- 89(R) SB 740 - Author: Perry - Caption: Relating to certain proceedings by the Public Utility Commission of Texas regarding water or sewer service.
- 89(R) SB 766 - Author: Zaffirini - Caption: Relating to the correction of references to the Texas Natural Resource Conservation Commission.
- 89(R) SB 768 - Author: Menéndez - Caption: Relating to a study regarding the effects of perfluoroalkyl and polyfluoroalkyl chemicals on public health.
- 89(R) SB 976 - Author: Eckhardt - Caption: Relating to the establishment of an advisory board to study surface water and groundwater interaction.
- 89(R) SB 1055 - Author: Nichols - Caption: Relating to permit fees for groundwater wells imposed by the Southeast Texas Groundwater Conservation District.
- 89(R) SB 1061 - Author: Parker - Caption: Relating to procedural requirements for uranium mining production area authorizations.
- 89(R) SB 1194 - Author: Flores - Caption: Relating to creating the Central Texas Water Alliance; providing authority to issue bonds; granting the power of eminent domain; providing authority to impose fees.
- 89(R) SB 1211 - Author: Perry - Caption: Relating to an exemption from sales and use taxes for certain tangible personal property used in hydraulic fracturing.

- 89(R) SB 1226 - Author: Hinojosa, Juan "Chuy" - Caption: Relating to the creation of certain regional conservation and reclamation districts.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meetings of the Board are scheduled for March 24, 2025, with each meeting to convene at 6:00 PM. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss provided the following Information:

The minutes for the previous meeting were sent to the board members prior to the meeting and informed the board members upon discussion with legal council that future meetings should be held at locations generally accessible to the public or public facilities.

Board Action: Mr Borden moved to accept and approve the January 21, 2025 meeting minutes as drafted. Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss provided the following information:

The investment report for December 2024 has been sent to the board prior to the meeting.

The balance of all the funds of the district, as of December 31, 2024, is \$1,537,267.90.

Board Action: Mr Snyder moved to accept the investment report for December 2024 and authorize the general manager to deposit \$500,000 from Account 11658 into TexPool . Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Report

Mr. Andruss provided a list of accounts payable records that were recorded since January 1, 2025, as of February 13, 2025 and a list of accounts receivable records that were recorded since January 1, 2025, as of February 13, 2025.

Topic 9.5 - Bank Depository Agreement

Mr. Andruss provided the following information:

On December 19, 2025, Ms. Nixon of Vantage Bank Texas offered to extend the depository service agreement until January 20, 2027.

Board Action: Mr. Borden moved to authorize the general manager to execute the depository services agreement extension with Vantage Bank Texas as drafted. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mr. Andruss provided the following information:

The District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Borden moved to authorize the general manager to pay the following items. Mr. Biery seconded the motion. The motion passed unanimously.

- i. ACCTP-20250218-03 - \$250.00 - Fredric Biery - February 2025 Meeting
- ii. ACCTP-20250218-04 - \$250.00 - Cynthia Rose - February 2025 Meeting
- iii. ACCTP-20250218-02 - \$250.00 - John Snyder - February 2025 Meeting
- iv. ACCTP-20250218-01 - \$250.00 - Carroll Borden - February 2025 Meeting

Item 10 - Consideration of and possible action on matters related to legal counsel report.

The item was not discussed or acted upon during the meeting.

Item 11.0 - Adjourn Meeting

Board Action: Mr. Borden moved to adjourn the meeting at 6:35 p.m. after concluding all business of the District. Mr. Biery seconded the motion, The motion passed

unanimously.

The above and foregoing minutes were read and approved on this the 24th day of March, 2025.

ATTEST:

Carell E. Borden
District Director

Andria Biery
District Director

**Refugio Groundwater Conservation District
Meeting Minutes for March 24, 2025**

THE STATE OF TEXAS

REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at 309 Johnson Street, Woodsboro, Texas 78393 on March 24, 2025, at 6:00 PM.

Item 1. Call the meeting to order and welcome guests.

Item 1. Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order and call the roll of representatives:

Precinct 1: Mr. John Snyder, Vice-President: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose, Treasurer: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant:

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2 - Receive Public Comment

No public comments were offered at the meeting.

Item 3 - Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of March 12, 2025, staff had received 6 well registration applications (ARWs) since October 1, 2024.

As of March 12, 2025, staff had received 19 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of March 12, 2025, staff had received 0 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of March 12, 2025, staff had initiated 2 permitting request case (PRCs) since October 1, 2024.

As of March 12, 2025, staff had 1 permitting request cases pending.

- i. PRC-20250103-01 - AAP-20250102-01 - Bad Bull 2023 LLC. - Pending/Protested

As of March 12, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1814.76 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of March 12, 2025, staff had processed 29 groundwater production reports for the preceding calendar year since October 1, 2024.

As of March 12, 2025, staff had recorded groundwater production reports for 29 water wells reporting 715.702 acre-feet of groundwater production during CY 2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates).

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of March 12, 2025, staff had initiated 1 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of March 12, 2025, staff had 2 active investigations related to groundwater management (i.e., permitting):

1. INV- 20250122-01 - Potential Violation of Failure to Report Groundwater Production - Rice Irrigation - Active
2. INV- 20250305-01 - Unpermitted Non-Exempt - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of March 12, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of March 12, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections for FY2025.

As of March 12, 2025, staff had recorded 2 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of March 12, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of March 12, 2025, staff had 1 active investigation related to Groundwater Protection:

- i. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of March 12, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of March 12, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Monitor Drought Conditions for FY2025.

As of March 20, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 100% of Refugio County was experiencing abnormally dry or drought conditions.

As of March 20, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website <https://www.waterdatafortexas.org/drought/> indicates that all portions of Refugio County are experiencing abnormally dry or drought conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of March 20, 2025, staff had collected 7 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of March 20, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of March 20, 2025, staff had collected 1 water quality samples since October 1, 2024.

As of March 20, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

On March 19, 2025, the Victoria County Groundwater Conservation District submitted an application to the Texas Water Development Board for the Fiscal Year 2025 Agriculture Water Conservation Grants Program on behalf of the Victoria County Groundwater Conservation District, the Calhoun County Groundwater Conservation District, the Refugio Groundwater Conservation District, and the Texana Groundwater Conservation District (Cooperating Districts).

The Cooperating Districts propose through the (4-year) project to expand their aquifer monitoring efforts to include a four-year program to evaluate the impact of access to aquifer condition information on agricultural groundwater production within Victoria, Calhoun, Refugio, and Jackson Counties. The staff of the VCGCD will 1) deploy telemetry-equipped monitoring probes at agricultural sites to support the publication of real-time aquifer monitoring data similar to the information posted at <https://www.vcgcd.org/real-time-aquifer-monitoring-charts>, 2) gather detailed information via surveys from participating well operators regarding groundwater production, utilization of real-time aquifer monitoring data of local aquifer conditions, and 3) evaluate the effects of real-time aquifer monitoring data, if any, on groundwater production by participating groundwater producers.

The Cooperating Districts aim, through the implementation of the project, to facilitate the use of aquifer monitoring data in the decision-making processes of water well operators that 1) better balances a) the impacts associated with consuming groundwater resources and b) preserving groundwater resource for the future and 2) results in a quantifiable reduction of groundwater production.

The estimated cost of the project is \$240,112. The VCGCD is seeking a grant of \$179,200 for groundwater conservation efforts in Jackson, Victoria, Calhoun, and Refugio Counties.

The cost to the Cooperating District to implement the project during the 4-year project is estimated to total \$60,912.

⇒ Task 1	\$3,316
Labor to Develop Project Promotional Materials and Implementation Surveys	\$1,408
Labor to Identify Candidate Water Wells	\$1,408
Print and Mail Promotional Materials to Candidate Well Owners	\$500
⇒ Task 2	\$5,424
Inspect Well Site and Assess Feasibility of Use as a Monitoring Site	\$4,424
Mileage to and from Monitoring Sites for Evaluation	\$1,000
⇒ Task 4	\$2,949
Labor to Inventory and Install Monitoring Equipment	\$2,949
⇒ Task 5	\$42,573
Labor to Process and Track Quarterly Well Access Fees	\$7,373
Monitoring Access Fees	\$28,800
Quarterly Site Visits and Maintenance Work for 16 Sites for 4 Years	\$6,400
⇒ Task 6	\$4,736
Labor to Process Surveys, Production Reports, and Monitoring Data	\$4,736
⇒ Task 7	\$1,914
Labor to Develop and Publish Project Report	\$1,664
Print and Mail Project Report	\$250
Grand Total	\$60,912

The grant funding, if awarded, would reimburse the VCGCD for expenditures related to purchasing hardware, materials, and telemetry services fees.

⇒ Task 3	\$150,400
Site Preparation Materials and Supplies for 16 Monitoring Sites	\$6,400
Water Level and Conductivity Monitoring Station Components for 8 Monitoring Sites	\$96,000
Water Level Only Monitoring Station Components for 8 Monitoring Sites	\$48,000
⇒ Task 5	\$28,800
Telemetry and Cloud Server Storage Fees for 16 Sites for 4 Years	\$28,800
Grand Total	\$179,200

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on February 20, 2025. The next meeting of the group is scheduled to meet on August 28, 2025.

See: <https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on January 9, 2025.

The next meeting of the group is scheduled to meet on April 10, 2025 at the UHV

Northwest Campus. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Item 8 - Consideration of and possible action on matters related to groundwater policy including the management Plan of the District, the rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Rule Amendments for FY2025.

Regarding Legislative Support and Lobbying for FY2025.

On March 17, 2025, staff identified the following legislation that could, if passed without revision, have a negative impact on the ability of the District to effectively manage groundwater resources within the county.

- HB 4772 **Author:** Olcott **Caption:** Relating to exemptions from the requirement to obtain a permit from a groundwater conservation district for certain groundwater wells.
- HB 4772 would expand the permit exemption for wells used to solely to produce groundwater for domestic and livestock purposes under TWC 36.117 from 10 acres to 100 acres.
- HB 4472 would create a permit exemption for wells incapable of producing more than 10,000 GPD (11.2 AFY) on properties smaller than 100 acres.
- HB 4896 **Author:** Garcia, Josey **Caption:** Relating to rules and reports related to brackish groundwater production zones.
- HB 4896 would eliminate the wastewater injection criteria that limits the creation of Designated Brackish Groundwater Production Zones (DBGPZs) which will likely dramatically increase the number and distribution of the zones, including in areas within Jackson, Victoria, Calhoun, and Refugio Counties. The creation of DBGPZs within the Jackson, Victoria, Calhoun, and Refugio Counties would effectively transfer the regulatory authority over substantial amounts of groundwater resources within Jackson, Victoria, Calhoun, and Refugio Counties from locally-elected officials of the corresponding GCDs to governor-appointed officials at TWDB via the TWDB's a) technical review of DBGPZ applications, b) TWDB's recommendations regarding monitoring, and c) TWDB's evaluation of DBGPZ monitoring reports to determine if the brackish groundwater production will cause unacceptable impacts on groundwater resources.
- SB 2658 **Author:** Perry **Caption:** Relating to an exemption from the requirement to obtain a permit from a groundwater conservation district for certain brackish groundwater wells. HB 5188 **Author:** Lopez, Janie **Caption:** Relating to an exemption from the requirement to obtain a permit from a groundwater conservation district for certain brackish groundwater wells.

- SB 2658 / HB 5188 would exempt wells that produce water with TDS levels of 3,000 mg/L or higher from drilling or production permitting if the well is located in a designated brackish groundwater production zone (DBGPZ) as defined under TWC 36.1015 > > TWC 16.060 (which appear to afford TWDB significant latitude for defining DBGPZs).
- SB 2658 / HB 5188 would remove VCGCD's permitting authority related to "Moderately Saline Groundwater" as defined within the Rules of the District and the permitting framework VCGCD established for the Goliad, Lagarto, and Oakville Saline Groundwater Zone.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

On March 25, 2025, Mr. Cox of Goldman, Hunt, and Notz, LLP notified staff of his intent to present the financial audit for FY2024 on Tuesday, April 22, 2025.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meetings of the Board are scheduled for Tuesday, April 22, 2025, with each meeting to convene at 6:00 p.m. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

To coincide with the presentation of the financial audit for FY2024, staff will present the annual report for FY2024 on Tuesday, April 22, 2025.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss provided the following information:

The minutes for the previous meeting were sent the board members prior to the meeting and informed the board members upon discussion.

Board Action: Mr. Borden moved to accept and approve the meeting minutes for February 18, 2025, as drafted. Mrs. Rose seconded the motion.

The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss provided the following information:

The investment report for January 2025 has been sent to the board prior to the meeting.

Board Action: Mr. Borden moved to accept the investment reports for January 2025. Mr. Snyder seconded the motion. The motion passed unanimously.

The balance of all the funds of the district, as of January 31, 2025, is \$1,550,559.58.

Topic 9.4 - Financial Transaction Report

Mr. Andruss provided a list of accounts payable records that were recorded since January 1, 2025 as of March 17, 2025 and a list of accounts receivable records that were recorded since January 1, 2025 as of March 17, 2025.

Topic 9.5 - Financial Reports of the District

Mr. Andruss provided the following information:

The internal financial reports of the District for January 2025 have been compiled by the districts administrative coordinator, and sent to the directors prior to the meeting.

Mr. Biery moved to accept and approve the financial reports for January 2025. Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mr. Andruss provided the following information:

The District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Mr. Biery moved to authorize the general manager to pay the following items. Mr. Borden seconded the motion. The motion passed unanimously.

1. ACCTP-20250324-04 - \$250.00 - Cynthia Rose - March Meeting
2. ACCTP-20250324-02 - \$250.00 - John Snyder - March Meeting
3. ACCTP-20250324-03 - \$250.00 - Fredric Biery - March Meeting

4. ACCTP-20250324-01 - \$250.00 - Carroll Borden - March Meeting

Item 10 - Consideration of and possible action on matters related to legal counsel report.

The item was not discussed or acted upon during the meeting.

Item 11.0 - Adjourn Meeting

Board Action: Mr. Borden moved to adjourn the meeting at 7:02 p.m. after concluding all business of the District. Mr. Biery seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE 22 DAY OF

April A.D. 2025

Carroll E. Borden

Director of the Refugio Groundwater Conservation District

ATTEST:

[Signature]

Director of the Refugio Groundwater Conservation District

Refugio Groundwater Conservation District
Meeting Minutes for April 22, 2025

THE STATE OF TEXAS

REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at 309 Johnson Street, Woodsboro, Texas 78393 on April 22, 2025, at 6:00 PM.

Item 1. Call the meeting to order and welcome guests.

Item 1. Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order and called the roll of representatives:

Precinct 1: Mr. John Snyder, Vice President: Absent.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose, Treasurer: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant.

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2. - Receive Public Comments.

No public comments were offered at the meeting.

Item 3. - Consideration of and possible action on matters related to groundwater management, including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of April 15, 2025, staff had received 7 well registration applications (ARWs) since October 1, 2024.

As of April 15, 2025, staff had received 20 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of April 15, 2025, staff had received 0 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of April 15, 2025, staff had initiated 3 permitting request case (PRCs) since October 1, 2024.

As of April 15, 2025, staff had 1 permitting request cases pending.

a. PRC-20250407-01 - ANHUPPW-20250210-01 - KOC Land, LLC - Pending/Uncontested

As of April 15, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,814.76 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of April 15, 2025, staff had processed 39 groundwater production reports for the preceding calendar year since October 1, 2024.

As of April 15, 2025, staff had recorded groundwater production reports for 39 water wells reporting 954.095 acre-feet of groundwater production during CY 2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates.)

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of April 15, 2025, staff had initiated 2 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of April 15, 2025, staff had 2 active investigations related to groundwater management (i.e., permitting):

- a. INV- 20250122-01 - Potential Violation of Failure to Report Groundwater Production - Rice Irrigation - Active
- b. INV- 20250305-01 - Unpermitted Non-Exempt - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of April 15, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of April 15, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

Topic 3.4 - Brackish Groundwater Assessment

Mr. Andruss provided the following information:

On January 21, 2025, the board instructed the general manager to obtain a proposal from Intera for the characterization of brackish groundwater resources in Refugio County from Dr. Young of Intera in an amount not to exceed \$20,000.

On February 11, 2025, staff request the development of a project proposal from Dr. Young of Intera for the characterization of brackish groundwater resources in Refugio County.

On April 16, 2024, Dr. Young of Intera submitted the *Proposal to Characterize and Investigate Options to Manage Brackish Resources in Jackson, Calhoun, and Refugio Counties* with a combined cost of \$60,000, \$20,000 per district, and an estimated completion period of 5 months.

Board Approved: Mr. Borden moved to authorize the general manager to 1) accept the proposal submitted by Intera related to characterizing the brackish groundwater, 2) provide notice to Intera to begin the project, and 3) share the costs of the project in an amount not to exceed \$20,000, contingent upon similar cooperation approval by Calhoun County GCD and Texana GCD. Mr. Biery seconded the motion. The motion passed unanimously.

Item 4. - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections for FY2025.

As of April 15, 2025, staff had recorded 9 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of April 15, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of April 15, 2025, staff had 1 active investigation related to Groundwater Protection:

- a. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of April 15, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of April 15, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Topic 4.2 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative

Mr. Andruss provided the following information:

On July 17, 2023, staff provided the following report: "on July 7, 2023, the district obtained the Affected Property Assessment Report (APAR Report) for the site associated with INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active. The report had been revised in February 2023.

On page 8 of the report, the following statements were made (emphasis added):

The analytical results from the 2022 sampling event detected no constituent concentrations in soil above applicable Tier 1 Residential PCLs for any constituent. Constituent concentrations in groundwater were detected above Tier 1 Residential PCLs in MW-1 for dieldrin and in MW-1, MW-2, MW-3, MW-4, and MW-5 for nitrate. All other constituent concentrations in groundwater were low to non-detectable and did not exceed Tier 1 Residential PCLs.

Based on the findings of this report, Ardurra does not recommend any remediation or excavation of soil.

Detected constituent concentrations in groundwater for dieldrin and nitrates are either laboratory estimated quantities or likely the result of previous agricultural use of the surrounding land. Additionally, the groundwater exposure pathway is not complete, as the first groundwater bearing unit is present at an average depth of 20-25 feet (an unlikely depth to be encountered by any Site excavation) and the first groundwater bearing unit is not used as a water resource in the area.

Ardurra recommends that the Remedy B standard be used to deed-restrict the first groundwater bearing unit at the site to prevent its future use as a water resource and quarterly groundwater monitoring for one year to monitor COC concentrations and determine trend in PCLE zones.

On page 22, the following chart summarizes information related to water wells in the vicinity of the affected property:

Table 2A. Water Well Summary

Well no. / designation	Well owner's name of record	Distance from affected property (ft.)	Screened interval/open interval (ft.)	Cemented interval (ft.)	Completion type	Total depth	Date drilled	Producing formation	Current water use ¹	Current status ²	Data source ³
<i>Downgradient Wells</i>											
TX237111	Woody Wilson	950	72 - 92	0 - 15	Straight Wall	92	5/1/2000		Irr	Act	TCEQ
TX237108	Emma Karstedt	1109	73 - 93	0 - 15	Straight Wall	93	4/27/2000		Dom / Irr	Act	TCEQ
<i>Cross-gradient Wells</i>											
TX49510	Frank Rodriguez					180			Dom	Act	SDRD
TX237109	John Karstedt	1267	60 - 80	0 - 15	Straight Wall	90	10/22/9999		Dom	Act	TCEQ
TX237104	Kay Nesloney	1267	60 - 80	0 - 15	Straight Wall	80	04/28/2000		Ind / Irr	Act	TCEQ
<i>Upgradient Wells</i>											
12847	City of Woodsboro	1426	80 - 170	0 - 15	Straight Wall	170	1995		PS	Act	TCEQ
12848	City of Woodsboro					322	2002		PS	Act	
79-54-201	City of Woodsboro	2218	NA	NA	NA	180	12/06/2004		Dom	P&A	SDRD
79-54-207	F.B. Rooke & Son	1267	102 - 135	NA	NA	148	1935	Lissie - Beau	Dom	Act	TWDB
79-54-203	City of Woodsboro	1426	230 - 280, 304 - 322	0 - 233	NA	400	5/28/2002		PS	Act	TCEQ
79-54-103	F.B. Rooke & Son	1690	102-135	NA	NA	916	07/00/1946	Lissie - Beaumont	Liv	Act	TWDB
79-54-102	F.B. Rooke & Son	2323	NA	NA	NA	183	1939	Goliad - Lissie	Liv	Act	TWDB

¹ Current water use: Dom - domestic; PS - public supply/municipal; Ind - industrial; Comm - commercial; Irr - irrigation; Liv - livestock

² Current status: Act - active; Ab - abandoned/not in use; SB - standby/backup; P&A - plugged and abandoned

³ Indicate the specific primary source of well information.

On page 35, the following diagram was presented depicting the affected property and water wells in the vicinity:

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of April 10, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of April 10, 2025, staff had collected 2 water quality samples since October 1, 2024.

As of April 10, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6. - Consideration of and possible action on matters related to groundwater conservation.

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

On March 19, 2025, staff submitted an application to the Texas Water Development Board for the Fiscal Year 2025 Agriculture Water Conservation Grants Program on behalf of the Victoria County Groundwater Conservation District, the Calhoun County Groundwater Conservation District, the Refugio Groundwater Conservation District, and the Texana Groundwater Conservation District. The application seeks a total of \$179,200 as a grant from TWDB under this application. The cooperating districts will contribute \$60,912 to the project if the requested funding is granted by the Texas Water Development Board and accepted by the cooperating districts.

Regarding Conservation Education and Teacher Professional Development for FY2025.

Item 7. - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on February 20, 2025. The next meeting of the group is scheduled to meet on May 21, 2025. See: <https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on April 10, 2025, at the Ag Extension Offices in Wharton, Texas. Mr. Andruss attended the meeting to participate in 4th Cycle of the Joint Planning as required under Chapter 36 of the Texas Water Code. The next meeting is scheduled for July 10, 2025, in Victoria, Texas. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Topic 7.2 - Joint Planning and Desired Future Conditions

Mr. Andruss provided the following information:

The mission of the Refugio Groundwater Conservation District is to develop sound water conservation and management strategies designed to conserve, preserve, protect, and prevent waste of groundwater resources for long-term sustainability within Refugio County for the benefit of the landowners, citizens, economy, and environment of Refugio County.

The management plan of the district states:

"For the purpose of managing the use of groundwater within Refugio County, the district may define sustainable use as the use of an amount of groundwater in Refugio County as a whole or any

management zone established by the district that does not exceed any of the following conditions:

1. the long-term average historical groundwater production from aquifers in Refugio County established by the district prior to the establishment of the desired future condition of aquifers in a groundwater management area in which the district is located; or
2. the desired future conditions of aquifers in Refugio County established by a groundwater management area in which the district is located; or
3. The amount of modeled available groundwater resulting from the establishment of a desired future aquifer condition by the district or a groundwater management area in which the district is located; or
4. the estimated long-term average historical amount of annual recharge of the aquifer or aquifer subdivision in which the use occurs as recognized by the district ; or
5. any other criteria established by the district as being a threshold of use beyond which further use of the aquifer or aquifer subdivision may result in a specified undesirable or injurious condition."

The desired future condition (DFC) for GMA 15 is expressed as a condition to not exceed an average drawdown of 13 feet in the Gulf Coast Aquifer within GMA 15 at the end of year 2080. The DFC for Refugio County is expressed as a condition to not exceed an average drawdown of 5 feet in the Gulf Coast Aquifer within GMA 15 at the end of year 2080.

The modeled available groundwater (MAG) of the Gulf Coast Aquifer within the Refugio County is estimated to be 5,858 acre-feet per year. This MAG value was developed using the Central Gulf Coast Groundwater Availability Model recalibrated by TWDB in 2004 (CGC-GAM).

As of April 15, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,814.76 acre-feet. As of April 15, 2025, staff had recorded groundwater production reports for 39 water wells reporting 954 acre-feet of groundwater production during CY 2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates).

Based on Intera's report and presentation on the analysis of CY2023 water levels using the geostatistical approach for Jackson County, Victoria County, Calhoun County, and Refugio County, water levels in Refugio County in the calendar year 2023 for the Chicot and the Evangeline Aquifers, combined, have declined 7.3 feet since the calendar year 2000. The water levels in the Chicot Aquifer, alone, have declined 7.5 feet in Refugio County and the water levels in the Evangeline Aquifer, alone, have declined 8.4 feet since the calendar year 2000. The 5-year rolling average water level change for Refugio County (CY2019 - CY2023) is 5.5 feet of decline.

RGCD - Intera - Report re 2023 Water Levels - 20241218 - Table 4.png

Table 4

Average annual water level (ft, msl) and change in the average annual water level for Refugio County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Chicot	avg. WL (ft)	24.8	23.6	28.3	27.2	24.5	28.3	24.6	27.4	29.0	24.3	22.7	23.5	23.0	19.4	4.5	14.5	19.6	19.2	19.0	20.0	18.4	14.9	19.6	17.3
	change (ft)*	0.0	-1.2	3.6	2.5	-0.2	3.5	-0.1	2.6	4.3	-0.5	-2.1	-1.2	-1.8	-5.4	-20.2	-10.3	-5.2	-5.6	-5.8	-4.8	-6.4	-9.9	-5.2	-7.5
Evangeline	avg. WL (ft)	32.5	31.7	34.2	39.8	37.9	40.7	38.3	35.4	31.2	31.7	21.7	31.6	33.1	27.0	23.9	22.3	24.6	30.4	20.5	28.2	30.9	24.6	28.3	24.1
	change (ft)*	0.0	-0.8	1.6	7.2	5.3	8.1	5.8	2.8	-1.3	-0.9	-10.8	-1.0	0.5	-5.5	-8.6	-10.3	-7.9	-2.2	-12.0	-4.3	-1.7	-7.9	-4.2	-8.4
Chicot & Evangeline	avg. WL (ft)	26.3	25.4	29.1	31.0	28.8	31.8	28.9	29.0	28.5	26.1	20.7	25.6	25.8	21.4	11.9	16.7	20.4	22.8	18.6	22.4	22.6	17.8	22.2	19.0
	change (ft)*	0.0	-0.9	2.8	4.7	2.5	5.6	2.6	2.7	2.2	-0.1	-5.5	-0.7	-0.5	-4.9	-14.4	-9.5	-5.8	-3.5	-7.7	-3.9	-3.7	-8.4	-4.1	-7.3

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

The representatives of Groundwater Management Area 15 have been asked to provide preliminary DFC statements for the portion of their territory within GMA 15, pumping scenarios for modeling groundwater production impacts at year 2080, and a set of water wells to be used in the assessment of socio-economic impacts.

In light of water level change data, recent groundwater production data, and recent and potential changes in the regulatory framework associated with brackish groundwater, the Board might consider submitting two preliminary DFC statements and related pumping scenarios for consideration. Several scenarios are offered for consideration:

Scenario 1: DFC Maintenance - preliminary Desired Future Condition for Refugio County expressed as a condition to not exceed an average drawdown of 5 feet in the Gulf Coast Aquifer, +/-3 feet, at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County.

Scenario 2: DFC Maintenance and Deep Saline Production - Desired Future Condition for Refugio County expressed as a condition to not exceed an average drawdown of 5 feet in the Chicot and Evangeline Aquifers, combined, +/- 3 feet, at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County unchanged and as a condition to not exceed an average drawdown of 20 feet in the Burkeville and Jasper Aquifers, combined at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County increased to 40,000 acre-feet per year in the southern portion of Refugio County.

Topic 7.3 - Evaluation of CSGC-GAM for District Uses

Mr. Andruss provided the following information:

Although the representatives of GMA 15 have decided, in coordination with TWDB staff, to use the Central Gulf Coast Groundwater Availability Model recalibrated by TWDB in 2004 (CGC-GAM) for evaluation desired future conditions during the current joint planning cycle instead of the draft Groundwater Availability Model for the Central and Southern Portions of Gulf Coast Aquifer System in Texas recalibrated in 2025 (draft CSGC-GAM), TWDB has indicated its intent is to use the draft CSGC-GAM for development of Modeled Available Groundwater (MAG) values. The MAG values are used by regional water planning groups for evaluation water management strategies and by GCDs to evaluate permitting requests. On April 10, 2025, the representatives of GMA 15 authorized Intera, as the technical consultant to the GMA, to evaluate the utility of the draft CSGC-GAM for joint planning purposes such as regional groundwater modeling, demonstration on DFC feasibility, and evaluating socio-economic impacts of a proposed DFC.

The GMA 15 evaluation will not assess the utility of the draft CSGC-GAM for GCD purposes such as developing district-level DFCs, evaluating aquifer impacts associated with production permit requests, assessing and predicting subsidence, assessing and predicting saltwater intrusion, or assessing and predicting the consequences of incentivizing deep saline groundwater production.

On April 21, 2025, Dr. Young of Intera submitted a proposal at management's request for the evaluation of the draft CSGC-GAM for district purposes for Refugio, Victoria, Calhoun, and Jackson Counties. The budget for the project is \$50,000, \$12,500 per district.

Board Action: Mrs. Rose moved to 1) accept and approve the project to evaluate the draft CSGC-GAM for district purposes for Refugio, Victoria, Calhoun, and Jackson Counties, and 2) authorize the general manager to pay associated invoices from VCGCD in an amount not to exceed \$12,500, contingent upon VCGCD, CCGCD, and TGCD approving the project and agreeing to cost share equally. Mr. Biery seconded the motion. The motion passed unanimously.

Item 8. - Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Rule Amendments for FY2025.

Regarding Legislative Support and Lobbying for FY2025.

Item 9. - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, financial audit for FYE20240930, bills and invoices of the district, management goals and objectives of the district, Annual Report for FY2024, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meetings of the Board are scheduled for May 19, 2025, and June 23, 2025, with each meeting to convene at 6:00 p.m. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss provided the following information:

The minutes for the previous meeting were sent the board members prior to the meeting.

Board Action: Mr. Borden moved to accept and approve the meeting minutes for March 24, 2025, as drafted.

Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss provided the following information:

The investment reports for February 2025, have been sent to the board prior to the meeting.

The balance of all the funds of the district, as of February 28, 2025, is \$1,520,702.30. Certificate of Deposit 65382 matures on April 21, 2025.

Board Action: Mr. Biery moved to accept the investment reports for February 2025. and authorize the general manager to receive the funds from CD 65382 and invest the same funds with TexPool. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Report

Mr. Andruss provided a list of accounts payable records that were recorded since March 1, 2025, as of April 17, 2025 and a list of accounts receivable records that were recorded since March 1, 2025 as of April 17, 2025.

Topic 9.5 - Financial Reports of the District

Mr. Andruss provided the following information:

The internal financial reports of the District for February 2025, have been compiled by the districts administrative coordinator and sent to the directors prior to the meeting.

Board Action: Mr. Biery moved to accept and approve the financial reports for February 2025. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mr. Andruss provided the following information:

The District has outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Borden moved to authorize the general manager to pay the following items. Mrs. Rose seconded the motion. The motion passed unanimously.

1. ACCTP-20250408-01 - \$5,508.58 - TML-IRP Premium.
2. ACCTP-20250415-01 - \$250.00 - Cynthia Rose - April 2025 Meeting.
3. ACCTP-20250415-02 - \$250.00 - Carroll Borden - April 2025 Meeting.
4. ACCTP-20250415-03 - \$250.00 - John Snyder - April 2025 Meeting.
5. ACCTP-20250415-04 - \$250.00 - Fredric Biery - April 2025 Meeting.
6. ACCTP-20250415-05 - \$5,166.25 - VCGCD - September 2023.
7. ACCTP-20250415-06 - \$30,178.50 - VCGCD - 3rd Qtr 2026 Agreement - 1st Qtr 2025 Reimburse.
8. ACCTP-20250415-07 - \$1,020.00 - ABM - Inv# 7381.
9. ACCTP-20250421-01 - \$205.30 - Victoria Advocate - Notice Proposed Permit Issuance.

Topic 9.7 - Financial Audit for FYE20240930

Mr. Andruss provided the following information:

On October 21, 2024, the board authorized Goldman, Hunt and Notz to complete a financial audit of the district for the fiscal year ending September 30, 2024.

On April 6, 2025, Mr. Cox with Goldman, Hunt and Notz, LLP informed staff of their intention to present the financial audit report for the fiscal year ending September 30, 2024.

Mr. Cox of Goldman, Hunt, and Notz presented the financial audit for the fiscal year ending September 30, 2024.

Board Action: Mr. Borden moved to accept the financial audit with the revisions that Mr. Cox suggested. Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.8 - Performance Audit for FY2024

Mr. Andruss presented the annual report for Fiscal Year 2024 to the Board.

Board Action: Mr. Borden moved to adopt the Annual Report for the Fiscal Year 2024, as drafted. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.9 - Training Records

Mr. Andruss provided the following information:

On April 8, 2025, Director Boone of TGCD inquired about training records for the directors of TGCD. In response to the inquiry, staff have investigated training records for TGCD and the District.

The following is an audit of required documentation for directors:

Precinct 1: Mr. John Snyder

RGCD - Statement of Officer - J. Snyder - 20200812

RGCD - Oath of Office Statement of Officer - J. Snyder - 20200812

Precinct 2: Mr. Carroll Borden

NOT FOUND

Precinct 3: Ms. Cynthia Rose

RGCD - Statement of Officer - Cynthia Rose - 20231204

RGCD - Oath of Office - Cynthia Rose - 20231204

Precinct 4: Mr. Fredric Biery

NOT FOUND

The directors of the district are required to complete training related to open meetings offered by the Office of the Attorney General.

Open Meetings Act Training

Per the website of the Attorney General of Texas (<https://www.texasattorneygeneral.gov/open-government/governmental-bodies/pia-and-oma-training-resources/open-meetings-act-training>):

"Members of a governmental body subject to the Open Meetings Act (OMA) are required to participate in education training sessions pursuant to section 551.005 of the Texas Government Code. The training requirement applies to all elected or appointed officials who participate in meetings subject to the OMA. However, it does not apply to public officials who do not conduct business in meetings subject to the OMA. For example, law enforcement officials, auditors, or county clerks are not required to complete training under the OMA.

The law requires that members subject to the OMA complete training within 90 days of taking the oath of office or otherwise assuming the responsibilities of office."

The website of the Attorney General of Texas provides a video for the training. Upon completion of the training course video, a certificate of course completion is displayed for the trainee. Staff will upload any training certificates related to the Open Meetings Act into the records of the district upon receipt. The attached file is an example of the certificate generated by the website after completing the course.

Public Information Act Training

Per the website of the Attorney General of Texas (<https://www.texasattorneygeneral.gov/open-government/governmental-bodies/pia-and-oma-training-resources/public-information-act-training>):

"Texas Government Code section 552.012 requires elected or appointed public officials to complete an open records training course. The training requirement applies to:

1. a member of a multimember governmental body;
2. the governing officer of a governmental body that is headed by a single officer rather than by a multimember governing body; or
3. the officer for public information of a governmental body, without regard to whether the officer is elected or appointed to a specific term.

The law requires that the specified public officials complete the training course within 90 days of taking the oath of office or otherwise assuming the responsibilities of office. A public official may assign a public information coordinator to satisfy the training requirement for the public official if the coordinator is primarily responsible for administering the responsibilities of the public official or governmental body under the Public Information Act. The designated coordinator is required to complete the training course within 90 days of the date the coordinator assumes the duties as coordinator."

The website of the Attorney General of Texas provides a video for the training. Upon completion of the training course video, a certificate of course completion is displayed for the trainee. The attached file is an example of the certificate generated by the website after completing the course. Mr. Andruss serves as the officer for public information of the district.

Cybersecurity Training

Per Chapter 2054 of the Government Code (<https://statutes.capitol.texas.gov/Docs/GV/htm/GV.2054.htm>):

Sec. 2054.5191. CYBERSECURITY TRAINING REQUIRED: CERTAIN EMPLOYEES AND OFFICIALS.

(a) Each state agency shall identify state employees who use a computer to complete at least 25 percent of the employee's required duties. At least once each year, an employee identified by the state agency and each elected or appointed officer of the agency shall complete a cybersecurity training program certified under Section 2054.519.

(a-1) At least once each year, a local government shall:

(1) identify local government employees and elected and appointed officials who have access to a local government computer system or database and use a computer to perform at least 25 percent of the employee's or official's required duties; and

...

(2) require the employees and officials identified under Subdivision (1) to complete a cybersecurity training program certified under Section 2054.519.

State-certified training related to cybersecurity can be accessed from the website of the Texas Municipal League - Risk Pool (<https://info.tmlirp.org/cyber-security-training>).

The District does not have employees and none of the directors satisfy the condition under Sec. 2054.5191(a-1)(1). The district obtains services from employees of the Victoria County Groundwater

Conservation District via an interlocal agreement. The employees of the Victoria County Groundwater Conservation District are required to complete a cybersecurity training program certified under Section 2054.519.

Public Funds Investment Act and Public Funds Collateral Act Training

The individual that serves an investment officer of the district are required to complete training on the investment and collateralization of public funds. Mr. Andruss serves as the investment officer for the district.

Topic 9.10 - Credit Card Account and Routine Expenses

Mr. Andruss provided the following information:

Staff have identified numerous subscription charges on the credit card statements of the district that appeared inappropriate. In response, staff have attempted to contact the associated companies (e.g. ATT) to investigate the charges and ultimately submitted disputes to the credit card company related to those charges.

To improve administrative efficiency and reduce the likelihood of interruption of subscriptions and the District being charged for terminated services such as internet services, phone services, and computer subscription fees, staff intend to use the VCGCD credit card account to pay existing subscription fees and miscellaneous expenses instead of the credit card of the District.

Presently, the District has a credit balance on its credit card account of \$632.94.

Board Action: Mr. Biery moved to authorize the general manager to 1) cancel the credit card account of the District, 2) request payment of the credit owed the District from the credit card, 3) pay regular and routine subscription fees and miscellaneous expenses using the credit card account of VCGCD, and 4) reimburse VCGCD for incurred expenses for RGCD via interlocal agreement invoices. Mrs. Rose seconded the motion. The motion passed unanimously.

Item 10.0 - Consideration of and possible action on matters related to legal counsel report.

The item was not discussed or acted upon during the meeting.

Item 11.0 - Adjourn.

Board Action: Mr. Borden moved to adjourn the meeting at 8:00 p.m. after concluding all business of the District. Mr. Biery seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE 19th DAY OF

May A.D. 2025

John Engel Director of the Refugio Groundwater Conservation District

ATTEST: Fredrick Biery Director of the Refugio Groundwater Conservation District

**Refugio Groundwater Conservation District
Meeting Minutes for June 23, 2025**

THE STATE OF TEXAS, REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at First Baptist Church of Woodsboro Fellowship Hall, 3096 Johnson Street, Woodsboro, Texas 78393 on June 23, 2025, at 6:00 PM.

Item 1 - Call the meeting to order and welcome guests. Convene Meeting

Mr. Borden called the meeting to order at 6:00 p.m. and called the roll of representatives:

Precinct 1: Mr. John Snyder, Vice President: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose, Treasurer: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant: _____ .

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Present.

Item 2 - Receive Public Comment

No public comments were offered at the meeting.

Item 3 - Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of June 20, 2025, staff had received 9 well registration applications (ARWs) since October 1, 2024.

As of June 20, 2025, staff had received 38 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of June 20, 2025, staff had received 0 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of June 20, 2025, staff had initiated 3 permitting request case (PRCs) since October 1, 2024.

As of June 20, 2025, staff had 1 permitting request cases pending.

- a. PRC-20250407-01 - ANHUPPW-20250210-01 - KOC Land, LLC - Pending/Uncontested

As of June 20, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,814.76 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of June 20, 2025, staff had processed 39 groundwater production reports for the preceding calendar year since October 1, 2024.

As of June 20, 2025, staff had recorded groundwater production reports for 39 water wells reporting 954.095 acre-feet of groundwater production during CY2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates.)

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of June 20, 2025, staff had initiated 3 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of June 20, 2025, staff had 3 active investigations related to groundwater management (i.e., permitting):

- a. INV- 20250122-01 - Potential Violation of Failure to Report Groundwater Production - Rice Irrigation - Active
- b. INV- 20250305-01 - Unpermitted Non-Exempt - Active
- c. INV- 20250403-01 - Failure to Submit Notices of Intent to the District - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of June 20, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of June 20, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections for FY2025.

As of June 20, 2025, staff had recorded 9 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of June 20, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of June 20, 2025, staff had 1 active investigation related to Groundwater Protection:

- a. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of June 20, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of June 20, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Monitor Drought Conditions for FY2025.

As of June 20, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 0.27% of Refugio County was experiencing drought conditions.

As of June 20, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website (<https://www.waterdatafortexas.org/drought>) indicates that 73 of Refugio County are experiencing abnormally dry conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of June 20, 2025, staff had collected 6 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of June 20, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of June 20, 2025, staff had collected 2 water quality samples since October 1, 2024.

As of June 20, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

On April 30, 2025, staff reviewed and updated the content maintained on the website of the district regarding groundwater conservation. See:

<https://www.rgcd.org/groundwater-conservation>.

Regarding Conservation Education and Teacher Professional Development for FY2025.

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on February 20, 2025. The next meeting of the group is scheduled to meet on July 2, 2025. See: <https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on April 10, 2025 at the Ag Extension Offices in Wharton, Texas. Mr. Andruss attended the meeting to participate in 4th Cycle of the Joint Planning as required under Chapter 36 of the Texas Water Code. The next meeting is scheduled for July 10, 2025, in Victoria, Texas. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Item 8 - Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Rule Amendments for FY2025.

As of June 20, 2025, staff has identified two areas of the Rules of the District that would benefit from revision:

In order to clarify that reporting requirements apply to all wells used to produce groundwater used for purposes other than exempt-use purposes, regardless of any classification that may be applied to the registration of a well by the district, Rule 4.2 would benefit from the following revisions:

2. The owner of ~~groundwater resources produced from a non-exempt-use well~~ well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the ~~non-exempt-use well~~ for the preceding calendar year to the district.

4. The owner of ~~groundwater resources produced from a non-exempt-use well~~ well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the ~~non-exempt-use well~~ that is accurate within ten percent

(10%) of the actual volume of groundwater produced by the non-exempt use during the calendar year.

5. The owner of ~~groundwater resources produced from a non-exempt-use well~~ well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the ~~non-exempt-use well~~ for the previous calendar year (January 1 to December 31) during January of the current calendar year.

6. The owner of ~~groundwater resources produced from a non-exempt-use well~~ well that produced groundwater for non-exempt-use purposes shall report the volume of groundwater produced from the ~~non-exempt-use well~~ using a form provided by the district.

7. The owner of ~~groundwater resources produced from a non-exempt-use well~~ well that produced groundwater for non-exempt-use purposes shall include the following information when reporting the volume of groundwater produced from a ~~non-exempt-use well~~:

In order to properly refer to the surface water bodies to be considered when developing certain production permit applications, Rule 6.3 should be revised to reference surface water bodies adjacent to and within the District.

Regarding Legislative Support and Lobbying for FY2025.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meetings of the Board are scheduled for July 29, 2025, with each meeting to convene at 6:00 p.m. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss explained that the minutes from the previous meeting were sent to the board members prior to the meeting.

See: Meeting Minutes - 20250519 - Board of Directors

Board Action: Mr. Biery moved to accept and approve the meeting minutes for May 19, 2025, as drafted. Mr. Snyder seconded the motion. The motion passed unanimously

Topic 9.3 - Investments of the District

Mr. Andruss provided the following information:

The investment reports for April and May 2025, have been sent to the board prior to the meeting.

Board Action: Mr. Borden moved to accept the investment reports for April and May 2025.

Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Report

Mr. Andruss explained that as of May 1, 2025, since June 23, 2025, there have been 8 accounts payable transactions and 6 accounts receivable transactions recorded.

Topic 9.5 - Financial Reports of the District

Mr. Andruss explained to the board that staff are working to revise the internal financial transaction tracking database to support the use of project ids and encumbrances for monitoring budget performance and tracking revenue and expenses of the District, as well as improve the associated internal financial reports.

Topic 9.6 - Unpaid Invoices and Bills

Lisa explained to the District the outstanding accounts payable invoices that are not considered regular and routine for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Borden moved to authorize the general manager to pay the following items.

1. ACCTP-20250603-01 - \$996.71 - RC Appraisal District - 2025 - 3rd Qtr. Invoice 2369
2. ACCTP-20250623-01 - \$250.00 - Carroll Borden - June 2025 Meeting

3. ACCTP-20250623-02 - \$250.00 - John Snyder - June 2025 Meeting
4. ACCTP-20250623-03 - \$250.00 - Fredric Biery - June 2025 Meeting
5. ACCTP-20250623-04 - \$250.00 - Cynthia Rose - June 2025 Meeting

Mr. Snyder seconded the motion. The motion passed unanimously.

Item 10 - Consideration of and possible action on matters related to legal counsel report.

Mr. Allison provided an update on the 89th Legislative Session. Mr. Allison stated that a Special Session will be held on July 21, 2025, and will give the district any updates.

Item 11.0 - Adjourn

Board Action: Mr. Borden moved to adjourn the meeting at 6:55 p.m. after concluding all business of the District. Mr. Biery seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE 29th DAY OF

July A.D. 2025.

 Director of the Refugio Groundwater
Conservation District

ATTEST:  Director of the Refugio Groundwater
Conservation District

**Refugio Groundwater Conservation District
Meeting Minutes for July 29, 2025**

THE STATE OF TEXAS REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at First Baptist Church of Woodsboro Fellowship Hall, 309 Johnson Street, Woodsboro, Texas 78393 on July 29, 2025, at 6:00 PM.

Item 1. Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order at 6:00 p.m. and called the roll of representatives.

Precinct 1: Mr. John Snyder, Vice President: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose, Treasurer: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant: _____.

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2 - Receive Public Comments.

No public comments were offered at the meeting.

Item 3 - Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of July 21, 2025, staff had received 9 well registration applications (ARWs) since October 1, 2024.

As of July 21, 2025, staff had received 43 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of July 21, 2025, staff had received 3 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of July 21, 2025, staff had initiated 3 permitting request case (PRCs) since October 1, 2024.

As of July 21, 2025, staff had 0 permitting request cases pending.

As of July 21, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,814.76 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of July 21, 2025, staff had processed 39 groundwater production reports for the preceding calendar year since October 1, 2024.

As of July 21, 2025, staff had recorded groundwater production reports for 39 water wells reporting 954.1 acre-feet of groundwater production during CY2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates).

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of July 21, 2025, staff had initiated 3 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of July 21, 2025, staff had 3 active investigations related to groundwater management (i.e., permitting):

1. INV- 20250122-01 - Potential Violation of Failure to Report Groundwater Production - Rice Irrigation - Active
2. INV- 20250305-01 - Unpermitted Non-Exempt - Active
3. INV- 20250403-01 - Failure to Submit Notices of Intent to the District - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of July 21, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of July 21, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections for FY2025.

As of July 21, 2025, staff had recorded 9 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of July 21, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of July 21, 2025, staff had 1 active investigation related to Groundwater Protection:

1. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of July 21, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of July 21, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Monitor Drought Conditions for FY2025.

As of July 21, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 0% of Refugio County was experiencing drought conditions.

As of July 21, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website (<https://www.waterdatafortexas.org/drought>) indicates that 42.12% of Refugio County are experiencing abnormally dry conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of July 21, 2025, staff had collected 6 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of July 21, 2025, staff had collected 0 water quality field measurements since October 1, 2024.

As of July 21, 2025, staff had collected 2 water quality samples since October 1, 2024.

As of July 21, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

Regarding Conservation Education and Teacher Professional Development for FY2025.

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on February 20, 2025 and held public hearing on the Initially Prepared Plan (IPP) during May 2025. During the meeting, the planning group continued its efforts to develop the 2026 regional water plan for the region. The next meeting of the group is scheduled to meet on August 28, 2025. See: <https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on July 10, 2025, at the consolidated offices of Victoria County, Calhoun County, Refugio, and Texana GCD in Victoria, Texas. Mr. Andruss attended the meeting to participate in 4th Cycle of the Joint Planning as required under Chapter 36 of the Texas Water Code. The next meeting is scheduled for July 24, 2025, in Victoria, Texas. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Topic 7.2 - Joint Planning and Desired Future Conditions

Mr. Andruss provided the following information:

As reported to the Board at the May 9, 2025 meeting, the District submitted two preliminary DFC statements for evaluation by the technical consultant for GMA 15, Intera:

- Scenario 1 - Desired Future Condition for Victoria County expressed as a condition to not exceed an average drawdown of 5 feet in the Gulf Coast Aquifer, +/-3 feet, at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County.
- Scenario 2 - Desired Future Condition for Refugio County expressed as a condition to not exceed an average drawdown of 5 feet in the Chicot and Evangeline Aquifers, combined, +/- 3 feet, at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County unchanged and as a condition to not exceed an average drawdown of 20 feet in the Burkeville and Jasper Aquifers, combined at the end of year 2080 with the previous pumping distribution used to develop the DFC for Refugio County increased to 40,000 acre-feet per year in the southern portion of Refugio County.

During the GMA 15 meeting on July 10, 2025, Intera reported that Scenario 2 (intended to investigate the predicted impacts of significant development (40,000 acre-feet per year) of deep brackish groundwater within Refugio County. Steve Young of Intera informed the representatives, that the request to simulate significant production using the CGC-GAM was not advisable and would yield unrealistic predictions due the limited structure and spatial extent of the deep formations within the model. Intera was instructed to suspend all efforts to simulate deep brackish groundwater production.

A special meeting of GMA 15 has been posted for July 24, 2025. During the meeting, representatives will receive a report from Intera on their effort to assess the utility of the new groundwater availability model (GAM) for joint planning purposes and consider related action, if any, by the representatives including a request for TWDB to use the CGC-GAM for developing Modeled Available Groundwater (MAGs).

Item 8 - Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Rule Amendments for FY2025.

Regarding Legislative Support and Lobbying for FY2025.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, the annual budget of the district, bank accounts, investments, financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meeting of the Board is scheduled for August 26, 2025, with each meeting to convene at 6:00 p.m. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mr. Andruss explained that the minutes from the previous meetings were sent to the board members prior to the meeting.

Board Action: Mr. Borden moved to accept and approve the meeting minutes for June 23, 2025, and July 8, 2025, as drafted. Mr. Biery seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss provided the following information:

The investment reports for May 2025 (corrected) and June 2025 have been sent to the board prior to the meeting. The balance of all the funds of the district, as of June 30, 2025, is \$1,496,413.49

Board Action: Mr. Biery moved to accept the investment reports for May 2025 (corrected) and June 2025. Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Report

Mr. Andruss explained that since June 1, 2025, as of July 29, 2025, there have been 7 accounts payable transactions and 3 accounts receivable transactions recorded.

Topic 9.5 - Financial Reports of the District

Mr. Andruss explained provided the following information:

The internal financial reports of the District for May 2025 have been compiled by the District's administrative coordinator and sent to the directors prior to the meeting.

Board Action: Mr. Biery moved to accept and approve the financial reports for May 2025. Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mr. Andruss explained to the District the outstanding accounts payable invoices that are not considered regular and routine, for which the District has received the goods and services billed

for under the invoices.

Board Action: Mr. Borden moved to authorize the general manager to pay the following items:

1. ACCTP-20250626-01 - \$9,000.00-Invoice 54257 - Goldman, Hunt and Notz, LLP - 20240930 Audit
2. ACCTP-20250721-01 - \$250.00 - Carroll Borden - July 8 - Refugio County Commissioners' Court Meeting
3. ACCTP-20250721-02 - \$250.00 - Fredric Biery - July 8 - Refugio County Commissioners' Court Meeting
4. ACCTP-20250721-03 - \$250.00 - John Snyder - July 8 - Refugio County Commissioners' Court Meeting
5. ACCTP-20250729-01 - \$250.00 - Carroll Borden - July 2025 Meeting
6. ACCTP-20250729-02 - \$250.00 - Fredric Biery - July 2025 Meeting
7. ACCTP-20250729-03 - \$250.00 - Cynthia Rose - July 2025 Meeting
8. ACCTP-20250729-04 - \$250.00 - John Snyder - July 2025 Meeting
9. ACCTP-20250721-04 - \$522.54 - VCGCD - ILA-202507-02-R - Office Supplies and Mileage - April and May 2025

Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.7 - Request for Qualifications for Auditing Services

Mr. Andruss explained provided the following information:

The District has obtained excellent financial auditing services from Donald Goldman of Goldman, Hunt, and Notz for over 10 years. Investigating all options for obtaining financial auditing services occasionally is considered appropriate to management. Staff have developed a Request For Qualifications for Auditing Services to solicit statements of accounting firms interested in providing auditing service to the District.

If approved by the board, respondents would be required to deliver statements responsive to staff no later than 4:00 p.m., September 1, 2025.

Board Action: Mr. Biery moved to authorize the General Manager to publish the RFQ for Auditing Services and a recommendation regarding qualified respondents to the Board of Directors at the regularly scheduled meeting for October 20, 2025. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.8 - Proposed Tax Rate for Public Notice Purposes Mr. Andruss explained provided the following information:

Previously, the Board instructed staff to develop the budget recommendation for FY2026 based on a tax rate equal to the Voter-Approval Tax Rate (VATR). The VATR generates approximately 3.5% additional tax revenue as compared to the previously adopted tax rate. Given the increasingly restrictive timeline and procedure for adopting a tax rate for the District, management encourages the Board to provided guidance regarding the proposed

tax rate to be published on the associated public notices for tax year 2025.

Board Action: Mr. Snyder moved to authorize the general manager to produce a notice for the proposed tax rate of 3.5% for the Voter-Approval Tax Rate (VATR) as calculated by the Tax Assessor-Collector for Tax Year 2025. Mr. Borden seconded the motion. The motion passed unanimously.

Item 10.0 - Consideration of and possible action on matters related to legal counsel report.

This item was not discussed or acted upon during the meeting.

Item 11.0 - Adjourn

Board Action: Mr. Borden moved to adjourn the meeting at 6:54 p.m. after concluding all business of the District. Mr. Snyder seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE 22nd DAY OF September A.D. 2025

Caneel E. Borden Director of the Refugio Groundwater
Conservation District

ATTEST:
Freddie Buey Director of the Refugio Groundwater
Conservation District

**Refugio Groundwater Conservation District
Meeting Minutes for September 22, 2025**

THE STATE OF TEXAS REFUGIO COUNTY

The Board of Directors of the Refugio Groundwater Conservation District convened a meeting at First Baptist Church of Woodsboro Fellowship Hall, 309 Johnson Street, Woodsboro, Texas 78393 on September 22, 2025, at 6:00 PM.

Item 1 - Call the meeting to order and welcome guests.

Mr. Borden called the meeting to order at 6:00 p.m. and called the roll of representatives.
Staff completed the necessary public notification requirements for the meeting.

Call the meeting to order and call the roll of representatives:

Precinct 1: Mr. John Snyder, Vice President: Present.

Precinct 2: Mr. Carroll Borden, President: Present.

Precinct 3: Ms. Cynthia Rose, Treasurer: Present.

Precinct 4: Mr. Fredric Biery, Secretary: Present.

At Large: Vacant: _____.

General Manager: Mr. Tim Andruss: Present.

General Counsel: Mr. James Allison: Absent.

Item 2 - Receive Public Comments.

No public comments were offered at the meeting.

Item 3 -Consideration of and possible action on matters related to groundwater management including the efforts and activities of the District regarding permitting, complaints, investigations, violations, and enforcement cases associated with permitting.

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing for FY2025.

As of September 19, 2025, staff had received 12 well registration applications (ARWs) since October 1, 2024.

As of September 19, 2025, staff had received 45 Notices of Intent to Drill a Well (NIDWs) since October 1, 2024.

Regarding Production Permit Renewal Processing for FY2025.

As of September 19, 2025, staff had received 3 production permit renewal requests (ARPs) since October 1, 2024.

Regarding Permit Processing for FY2025.

As of September 19, 2025, staff had initiated 6 permitting request case (PRCs) since October 1, 2024.

As of September 19, 2025, staff had 3 permitting request cases pending.

As of September 19, 2025, staff had 20 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 1,814.76 acre-feet.

Regarding Groundwater Production Report Processing for CY2024.

As of September 19, 2025, staff had processed 39 groundwater production reports for the preceding calendar year since October 1, 2024.

As of September 19, 2025, staff had recorded groundwater production reports for 39 water wells reporting 954.1 acre-feet of groundwater production during CY2024. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Refugio County in Year 2020 was 580 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates).

Regarding Manage Investigations related to Permitting Violations for FY2025.

As of September 19, 2025, staff had initiated 3 investigations related to groundwater management (i.e., permitting) since October 1, 2024.

As of September 19, 2025, staff had 3 active investigations related to groundwater management (i.e., permitting):

1. INV- 20250122-01 - Potential Violation of Failure to Report Groundwater Production - Rice Irrigation - Active
2. INV- 20250305-01 - Unpermitted Non-Exempt - Active
3. INV- 20250403-01 - Failure to Submit Notices of Intent to the District - Active

Regarding Manage Enforcement Cases related to Permitting Violations for FY2025.

As of September 19, 2025, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2024.

As of September 19, 2025, staff had 0 unresolved enforcement case violations related to groundwater management (i.e., permitting):

Item 4 - Consideration of and possible action on matters related to groundwater protection including complaints, investigations, violations, and enforcement cases related to groundwater contamination and waste.

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections for FY2025.

As of September 19, 2025, staff had recorded 15 well inspection forms (WIFs) since October 1, 2024.

Regarding Manage Investigations related to Groundwater Protection for FY2025.

As of September 19, 2025, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2024.

As of September 19, 2025, staff had 1 active investigation related to Groundwater Protection:

1. INV-20191202:1017 - Potential Contamination of Groundwater at Woodsboro Farmers Cooperative - Active

Regarding Manage Enforcement Cases related to Groundwater Protection for FY2025.

As of September 19, 2025, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2024.

As of September 19, 2025, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Item 5 - Consideration of and possible action on matters related to groundwater monitoring.

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Monitor Drought Conditions for FY2025.

As of September 19, 2025, the U.S. Drought Monitor (<https://www.drought.gov/states/texas/county/refugio>) indicates that 0% of Refugio County was experiencing drought conditions.

As of September 19, 2025, drought condition information related to the district and the surrounding region of Texas collected from the Water Data for Texas website <https://www.waterdatafortexas.org/drought> indicates that 100% of Refugio County are experiencing abnormally dry conditions.

Regarding Synoptic Aquifer Monitoring for FY2025.

As of September 19, 2025, staff had collected 11 water level measurements since October 1, 2024.

Regarding Advanced Aquifer Monitoring for FY2025.

Regarding Baseline Water Quality Aquifer Monitoring for FY2025.

Regarding Ad-Hoc Baseline Water Quality Sampling for FY2025.

As of September 19, 2025, staff had collected 5 water quality field measurements since October 1, 2024.

As of September 19, 2025, staff had collected 2 water quality samples since October 1, 2024.

As of September 19, 2025, staff had received 1 water quality lab reports since October 1, 2024.

Regarding Annual Water Level Assessment for FY2025.

Regarding Annual Water Quality Assessment for FY2025.

Regarding Monitoring Network Assessment and Improvement Project for FY2025.

Item 6 - Consideration of and possible action on matters related to groundwater conservation.

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation for FY2025.

Regarding Conservation Education and Teacher Professional Development for FY2025.

Item 7 - Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning and regional water planning.

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation for FY2025.

The South Central Texas Regional Water Planning Group (Region L) met on August 28, 2025. During the meeting, the planning group continued its efforts to develop the 2026 regional water plan for the region. The next meeting of the group is scheduled to meet on October 2, 2025. See:

<https://www.regionltexas.org/>.

Regarding GMA 15 Joint Planning for 4th Planning Cycle in FY2025.

The representatives of Groundwater Management Area 15 met on July 24, 2025, at the consolidated offices of Victoria County, Calhoun County, Refugio, and Texana GCD in Victoria, Texas. Mr. Andruss attended the meeting to participate in 4th Cycle of the Joint Planning as required under Chapter 36 of the Texas Water Code. The next meeting is scheduled for October 9, 2025, in Victoria, Texas. See: <https://www.vcgcd.org/groundwater-management-area-15>.

Item 8 - Consideration of and possible action on matters related to groundwater policy including the Management Plan of the District and the Rules of the District.

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions for FY2025.

Regarding Rule Amendments for FY2025.

Regarding Legislative Support and Lobbying for FY2025.

Item 9 - Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, bank accounts, investments,

financial reports of the district, bills and invoices of the district, management goals and objectives of the district, administrative policies, staffing, consultant agreements, interlocal cooperation agreements, and support services provided to and from other groundwater conservation districts.

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding Election Coordination for CY2025.

Regarding Financial Audit for FY2024.

Regarding Investment Management for FY2025.

Regarding Financial Record Processing and Reporting for FY2025.

Regarding Budget Development for FY2026.

Regarding Asset Tracking for FY2025.

Regarding Public Funds Training for FY2025.

Regarding Website Improvements for FY2025.

Regarding Public Notice and Meeting Coordination for FY2025.

The next meeting of the Board are scheduled for October 28, 2025, with each meeting to convene at 6:00 p.m. Regular meetings will be rescheduled as necessary and special meeting may be scheduled to address unforeseen issues.

Regarding Performance Audit for FY2024.

Regarding Project Management for FY2025.

Regarding Administrative Policy Review for FY2025.

Regarding Transparency Reporting for FY2025.

Regarding Cybersecurity Training for FY2025.

Regarding Consultant Review for FY2025.

Regarding Open Government Training for FY2025.

Regarding District Liability Insurance Review and Renewal for FY2025.

Regarding Digital Record Archiving for FY2025.

Regarding Physical Record Archiving for FY2025.

Topic 9.2 - Minutes of Previous Meeting

Mrs. Ramirez explained that the minutes from the previous meetings were sent to the board members prior to the meeting.

Board Action: Mr. Borden moved to accept and approve the meeting minutes for July 29, 2025, and August 29, 2025, as drafted. Mrs. Rose seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mrs. Ramirez provided the following information:

The investment reports for July 2025 and August 2025 have been sent to the board prior to the meeting. The balance of all the funds of the district, as of July 31, 2025, is

\$1,500,180.23, and as of August 31, 2025, the balance is \$1,466,544.58.

Board Action: Mr. Rose moved to accept the investment reports for July 2025 and August 2025. Mr. Snyder seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Report

Mrs. Ramirez explained that as of September 22, 2025, since July 1, 2025, there have been 28 accounts payable transactions and 6 accounts receivable transactions recorded.

Topic 9.5 - Financial Reports of the District

Mrs. Ramirez explained and provided the following information:

The internal financial reports of the District for June, July, and August 2025 have been compiled by the District's administrative coordinator and sent to the directors prior to the meeting.

Board Action: Mr. Snyder moved to accept and approve the financial reports for June, July, and August 2025. Mr. Borden seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

Mrs. Ramirez explained to the District the outstanding accounts payable invoices that are not considered regular and routine, for which the District has received the goods and services billed for under the invoices.

Board Action: Mr. Biery moved to authorize the general manager to pay the following items:

1. ACCTP-20250922-01 - \$250.00 - Carroll Borden - September 2025 Meeting
2. ACCTP-20250922-02 - \$250.00 - John Snyder - September 2025 Meeting
3. ACCTP-20250922-03 - \$250.00 - Fredric Biery - September 2025 Meeting
4. ACCTP-20250922-04 - \$250.00 - Cynthia Rose - September 2025 Meeting

Mrs. Rose seconded the motion. The motion passed unanimously.

Item 10.0 - Consideration of and possible action on matters related to legal counsel report.

This item was not discussed or acted upon during the meeting.

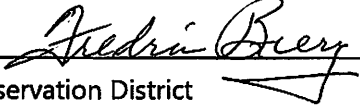
Item 11.0 - Adjourn.

Board Action: Mr. Snyder moved to adjourn the meeting at 6:26 p.m. after concluding all business of the District. Mr. Biery seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE 17th DAY OF November A.D. 2025.

Candell E. Borch Director of the Refugio Groundwater
Conservation District

ATTEST:

 Director of the Refugio Groundwater
Conservation District



INTERA Incorporated
9600 Great Hills Trail, Suite 300W
Austin, TX 78759
+1 (512) 425 2000
INTERA.com



February 18, 2026

Mr. Tim Andruss
Victoria County Groundwater Conservation District
2805 N. Navarro Street, Suite 210
Victoria, TX 77901

RE: Application of Geostatistical Techniques to Interpret Measured 2024 and 2025 Water Levels

Dear Mr. Andruss,

Attachment A provides INTERA's analysis of the 2024 and 2025 water levels to support an assessment of compliance with GMA 15 DFCs.

Attachment B summarizes all the water levels used for analysis years 2021 through 2025. These data were used to address questions on previous analyses.

As part of the transmission of this letter, INTERA has included separate presentations for Calhoun County GCD, Refugio GCD, Texana GCD and Victoria County GCD that summarize the results of the analysis of the 2024 and 2025 water levels for their respective counties.

Please contact Nick Lamkey or Steve Young if the District has any questions or comments on the final deliverables.

Sincerely,

A handwritten signature in black ink, appearing to read "Nick Lamkey".

Nick Lamkey, PG
Hydrogeologist
INTERA, Incorporated
nlamkey@intera.com

Cc: Steven C Young, PhD, PE, PG



Attachment A

Application of Geostatistical Techniques to Interpret Measured 2024 and 2025 Water Levels

Background

In 2021, INTERA completed a regional geostatistical evaluation of groundwater levels (Young and others, 2021) for:

- Calhoun County Groundwater Conservation District
- Refugio Groundwater Conservation District
- Texana Groundwater Conservation District
- Victoria County Groundwater Conservation District

That study accomplished the following:

1. Compiled measured groundwater elevations from GCD records and the Texas Water Development Board (TWDB) Groundwater Database (GWDB) for 2000–2020 into a unified dataset;
2. Applied geostatistical methods to interpolate annual groundwater elevations in the Chicot and Evangeline aquifers from 2000–2020;
3. Evaluated annual water-level change spatially and at selected wells;
4. Provided recommendations for continued monitoring and analysis.

The geostatistical method used to develop the baseline set of results was an application of ordinary kriging. Kriging is a geostatistical interpolation technique that considers both the distance and the degree of variation between known data points when estimating values in unknown areas. Ordinary Kriging provides the best linear unbiased prediction at unsampled locations and reproduces the measured values at all sampled locations exactly. To meet underlying assumptions that were used to develop ordinary Kriging, the measured water levels were detrended prior to the application of ordinary Kriging. The measured water levels were detrended using water levels simulated by the central Gulf Coast Groundwater Availability Model (GAM) that were smoothed using an algorithm described by Young and others (2021). The method was given the acronym SSWL+KR, which stands for smoothed simulated water levels and Kriged residuals.

SSWL+KR was used to interpolate the water level residuals for the years 2000 through 2026 for both the Chicot Aquifer, the Evangeline Aquifer, and the Chicot and Evangeline Aquifer, which is created by combining the Chicot and Evangeline aquifers into single aquifer. The interpolation generated a continuous water level surface using square grid cells with a resolution of 500 ft. Using these surfaces, the average water levels were calculated by county and by year. For the years 2022 through 2024 (Young, 2022; Young, 2023; Young, 2024), water level datasets

corresponding to the periods 2021–2022, 2022–2023, and 2023–2024 were compiled and used to perform the SSWL+KR analysis across the four GCDs.

Analysis of Water Level Data

Two water level datasets were obtained from the TWDB Groundwater Database and the VCGCD. To reconcile any differences in the data from these sources, wells from previous analyses were compiled and used as a reference to identify corresponding wells in both the VCGCD and TWDB GWDB datasets. New wells were subsequently added to this dataset. Water level data for each well from 2023, 2024, 2025 and 2026 was then averaged to determine a representative water level for analysis years 2024 and 2025. One water level per well was used in the SSLW + KR process.

Table 1 lists the water levels. Figures 1 and 2 show the location of the water levels that were used in the geostatistical analyses. Tables 2 through 5 provide the average value for the annual water levels for Calhoun County GCD, Refugio GCD, Texana GCD and Victoria County GCD from 2000 to 2025 for the Chicot Aquifer, the Evangeline Aquifer, and the combination of the Chicot and Evangeline aquifers. In addition, Tables 2 through 5 also provide the difference in the annual water levels for each year between the year 2000 and each analysis year. Hence, the values for water level change in the columns labeled 2025 represent the water level change from 2000 to 2025.

Figures 3 through 5 show water level contours for the Chicot Aquifer generated for the years 2000, 2024, and 2025, respectively. Figures 6 and 7 provide contours at 10-ft intervals that show the change in water levels from 2000 to 2024 and 2025 for the Chicot Aquifer across Victoria, Jackson, Refugio, and Calhoun counties. Across these four GCDs, the contour intervals range between 10 ft (rebound) and -20 ft (decline).

Figures 8 through 10 show water level contours for the Evangeline Aquifer generated for the years 2000, 2024 and 2025, respectively. Figures 11 and 12 provide contours of the change in water levels from 2000 to 2023 for the Evangeline Aquifer. Across these four GCDs, the contour intervals range between 50 ft (rebound) and -20 ft (decline). In Figures 3 through 5 and 8 through 10, the areal extent of the Chicot and Evangeline Aquifers in all four counties is based on the representation of the Evangeline Aquifer in the current Groundwater Availability Model (GAM) for GMA 15 developed by Chowdhury and others (2004).

References

- Chowdhury, A. H., S. Wade, R. E. Mace, and C. Ridgeway, 2004, Groundwater Availability Model of the Central Gulf Coast Aquifer System: Numerical Simulations through 1999 Model Report. Texas Water Development Board, 108 p.
- Young, S.C., 2022. Memorandum to Tim Andruss Titled: Application of Geostatistical Techniques to Interpret Measured 2021 Water Levels, dated June 29, 2022.

Young, S.C., 2023. Memorandum to Tim Andruss Titled: Application of Geostatistical Techniques to Interpret Measured 2022 Water Levels, dated December 18, 2023.

Young, S.C., 2024. Memorandum to Tim Andruss Titled: Application of Geostatistical Techniques to Interpret Measured 2023 Water Levels, dated December 15, 2024.

Young, S.C., Kushnereit, R., Beal, L., Yan, T., and Pham, H. 2021. Application of Geostatistical Techniques to Quantify Changes in the Water Levels, prepared by INTERA Incorporated, prepared for the Calhoun County GCD, the Refugio GCD, the Texana GCD, and the Victory County GCD, May 2021

Table 1 List of Wells and Water Levels Used to Generate the Water Levels Surfaces for the Chicot and the Evangeline aquifers for the 2024 and 2025 Analysis Years.

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Calhoun County GCD - GW-00001	8027302	16.4	2024	Chicot	Calhoun	175	-6.1
Calhoun County GCD - GW-00003		32.8	2024	Chicot	Calhoun		17.5
Calhoun County GCD - GW-00005		16.4	2024	Chicot	Calhoun		-18.4
Calhoun County GCD - GW-00009		36.1	2024	Chicot	Calhoun		6.9
Calhoun County GCD - GW-00092		16.4	2024	Chicot	Calhoun		-3.2
Calhoun County GCD - NW-00024	8021512	16.4	2024	Chicot	Calhoun	265	-19.8
Refugio GCD - GW-00079		32.8	2024	Chicot	Refugio	331	12.4
Refugio GCD - GW-00152	7932803	75.5	2024	Chicot	Refugio	110	42.6
Refugio GCD - GW-00234	7932802	72.2	2024	Chicot	Refugio	165	24.7
Refugio GCD - GW-00439		19.7	2024	Chicot	Refugio		6.0
Refugio GCD - NW-00539		29.5	2024	Chicot	Refugio	300	3.5
Refugio GCD - NW-00570	8034709	23.0	2024	Chicot	Refugio	320	-0.1
Refugio GCD - NW-00672		68.9	2024	Chicot	Refugio	300	13.6
Refugio GCD - NW-00686		88.6	2024	Chicot	Refugio	140	37.6
Refugio GCD - NW-00690		39.4	2024	Chicot	Refugio	220	4.4
Refugio GCD - NW-00691		82.0	2024	Evangeline	Refugio	160	49.0
Refugio GCD - NW-00692		108.3	2024	Evangeline	Goliad	160	76.3
Refugio GCD - NW-00695		65.6	2024	Chicot	Refugio	225	32.6
Refugio GCD - NW-00696		29.5	2024	Chicot	Refugio	280	-0.5
Refugio GCD - NW-00697		62.3	2024	Chicot	Refugio	210	0.3
	6541401	88.6	2024	Chicot	Wharton	90	51.0
	6541402	82.0	2024	Chicot	Wharton	338	29.8
	6549901	55.8	2024	Chicot	Matagorda	375	20.4
	6557802	49.2	2024	Chicot	Matagorda	315	-15.8
	6612204	315.0	2024	Evangeline	Colorado	140	279.2
	6612603	292.0	2024	Evangeline	Colorado	188	200.6
	6614703	259.2	2024	Chicot	Colorado	71	234.2
	6619804	347.8	2024	Evangeline	Colorado	140	274.9
	6619904	331.4	2024	Evangeline	Colorado	260	187.9
	6621603	232.9	2024	Evangeline	Colorado	812	161.2
	6626202	252.6	2024	Evangeline	Colorado	126	198.7

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	6628702	249.3	2024	Evangeline	Colorado	565	167.4
	6631107	154.2	2024	Chicot	Wharton	450	102.1
	6631504	137.8	2024	Chicot	Wharton	178	91.5
	6632809	118.1	2024	Chicot	Wharton	320	68.9
	6633905	210.0	2024	Evangeline	Lavaca	164	169.0
	6634201	193.6	2024	Evangeline	Lavaca	48	170.1
	6634202	206.7	2024	Evangeline	Lavaca	61	171.4
	6634207	226.4	2024	Evangeline	Lavaca	120	174.8
	6635901	210.0	2024	Evangeline	Lavaca	840	140.4
	6637607	160.8	2024	Chicot	Colorado	318	122.7
	6638202	150.9	2024	Chicot	Wharton	65	114.3
	6638304	150.9	2024	Chicot	Wharton	113	108.1
	6638801	124.7	2024	Chicot	Wharton	116	94.9
	6639801	111.5	2024	Chicot	Wharton	300	67.4
	6640401	111.5	2024	Chicot	Wharton	442	55.6
	6641203	223.1	2024	Evangeline	Lavaca	80	175.5
	6641703	219.8	2024	Evangeline	Lavaca	164	151.2
	6641903	206.7	2024	Evangeline	Lavaca	335	118.2
	6643704	137.8	2024	Chicot	Lavaca	34	109.2
	6643803	150.9	2024	Evangeline	Lavaca	1023	51.2
	6644402	160.8	2024	Evangeline	Lavaca	880	59.2
	6644702	137.8	2024	Evangeline	Colorado	676	31.6
	6645601	141.1	2024	Chicot	Wharton	429	87.3
	6645916	128.0	2024	Chicot	Wharton	125	73.4
	6646201	141.1	2024	Chicot	Wharton	200	91.3
	6646402	131.2	2024	Chicot	Wharton	366	76.6
	6646601	128.0	2024	Chicot	Wharton	186	79.1
	6647101	121.4	2024	Chicot	Wharton	319	68.7
	6647201	114.8	2024	Chicot	Wharton	244	59.5
	6647703	108.3	2024	Chicot	Wharton	242	74.4
	6647904	95.1	2024	Chicot	Wharton	340	31.1
	6648502	91.9	2024	Chicot	Wharton	70	71.5
	6648701	95.1	2024	Chicot	Wharton	90	60.8
	6648802	91.9	2024	Chicot	Wharton	564	50.8
	6648907	88.6	2024	Chicot	Wharton	630	20.7

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	6648908	88.6	2024	Chicot	Wharton	55	61.3
	6648909	88.6	2024	Chicot	Wharton	300	22.5
	6649701	170.6	2024	Evangeline	Lavaca	1082	117.6
	6649901	170.6	2024	Evangeline	Lavaca	272	108.7
	6652603	105.0	2024	Chicot	Wharton	515	38.2
	6653406	98.4	2024	Chicot	Wharton	348	31.5
	6653804	85.3	2024	Chicot	Wharton	495	41.9
	6654108	98.4	2024	Chicot	Wharton	360	47.5
	6654622	98.4	2024	Evangeline	Wharton	1200	20.5
	6654906	88.6	2024	Chicot	Wharton	461	14.9
	6655603	82.0	2024	Chicot	Wharton	100	62.7
	6656302	85.3	2024	Chicot	Wharton	490	6.0
	6656304	88.6	2024	Chicot	Wharton	356	26.6
	6656403	78.7	2024	Chicot	Wharton	275	16.1
	6661302	82.0	2024	Chicot	Wharton	528	26.0
	6661305	78.7	2024	Chicot	Wharton	600	35.1
	6662104	85.3	2024	Chicot	Wharton	371	32.6
	6662307	85.3	2024	Chicot	Wharton	180	58.0
	6662309	82.0	2024	Chicot	Wharton	421	45.2
	6662313	82.0	2024	Chicot	Wharton	480	-0.2
	6663507	68.9	2024	Chicot	Wharton	48	60.1
	6663509	62.3	2024	Chicot	Wharton	688	-27.0
	6663610	68.9	2024	Evangeline	Wharton	857	-25.1
	6664401	68.9	2024	Chicot	Matagorda	1057	-24.3
	6740301	278.9	2024	Evangeline	Lavaca	45	265.3
	6755606	262.5	2024	Evangeline	DeWitt	194	217.1
	6755803	219.8	2024	Evangeline	DeWitt	75	206.9
	6763703	187.0	2024	Evangeline	DeWitt	120	122.6
	7905507	232.9	2024	Evangeline	DeWitt	230	210.6
	7905606	200.1	2024	Evangeline	Goliad	154	176.8
	7905903	216.5	2024	Evangeline	Goliad	280	163.0
	7905904	196.9	2024	Evangeline	Goliad	164	168.8
	7905905	216.5	2024	Evangeline	Goliad	314	162.4
	7905907	232.9	2024	Evangeline	Goliad	261	163.1
	7905908	269.0	2024	Evangeline	Goliad	118	187.3

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	7905909	255.9	2024	Evangeline	Goliad	143	182.8
	7906206	239.5	2024	Evangeline	DeWitt	154	171.9
	7906306	229.7	2024	Evangeline	DeWitt	138	149.6
	7906706	219.8	2024	Evangeline	Goliad	152	165.7
	7906707	200.1	2024	Evangeline	DeWitt	260	151.8
	7906708	216.5	2024	Evangeline	DeWitt	300	151.2
	7906714	200.1	2024	Evangeline	DeWitt	136	153.2
	7906715	239.5	2024	Evangeline	Goliad	150	175.5
	7907402	226.4	2024	Evangeline	DeWitt	217	119.0
	7912305	301.8	2024	Evangeline	Goliad	166	211.5
	7913223	236.2	2024	Evangeline	Goliad	93	181.4
	7913224	232.9	2024	Evangeline	Goliad	24	214.0
	7913225	229.7	2024	Evangeline	Goliad	65	175.9
	7913229	229.7	2024	Evangeline	Goliad	152	167.9
	7913230	249.3	2024	Evangeline	Goliad	282	168.1
	7913231	232.9	2024	Evangeline	Goliad	28	215.3
	7913304	242.8	2024	Evangeline	Goliad	317	166.2
	7913507	282.2	2024	Evangeline	Goliad	250	167.9
	7913510	282.2	2024	Evangeline	Goliad	250	154.6
	7913512	269.0	2024	Evangeline	Goliad	263	165.1
	7913513	292.0	2024	Evangeline	Goliad	230	156.3
	7913515	295.3	2024	Evangeline	Goliad	230	165.3
	7913803	255.9	2024	Evangeline	Goliad	188	186.2
	7913804	242.8	2024	Evangeline	Goliad	291	142.7
	7913805	288.7	2024	Evangeline	Goliad	197	194.2
	7913806	236.2	2024	Evangeline	Goliad	222	147.9
	7913807	269.0	2024	Evangeline	Goliad	222	188.6
	7913808	255.9	2024	Evangeline	Goliad	331	147.8
	7913809	252.6	2024	Evangeline	Goliad	183	150.0
	7913810	265.7	2024	Evangeline	Goliad	186	189.7
	7913811	229.7	2024	Evangeline	Goliad	143	183.0
	7913813	272.3	2024	Evangeline	Goliad	210	189.6
	7914105	187.0	2024	Evangeline	Goliad	209	147.1
	7914203	170.6	2024	Evangeline	Goliad	380	117.9
	7914604	200.1	2024	Evangeline	Goliad	175	108.3

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	7914903	200.1	2024	Evangelina	Goliad	270	124.1
	7915401	177.2	2024	Evangelina	Goliad	145	98.1
	7915402	187.0	2024	Evangelina	Goliad	252	101.2
	7915702	141.1	2024	Evangelina	Goliad	174	86.4
	7916603	62.3	2024	Evangelina	Victoria	612	6.9
	7919511	239.5	2024	Evangelina	Goliad	120	179.4
	7920305	226.4	2024	Evangelina	Goliad	220	150.6
	7921307	206.7	2024	Evangelina	Goliad	284	129.7
	7921503	236.2	2024	Evangelina	Goliad	340	121.6
	7921607	190.3	2024	Evangelina	Goliad	231	114.5
	7921608	196.9	2024	Evangelina	Goliad	84	139.2
	7922508	154.2	2024	Evangelina	Goliad	263	92.1
	7922604	147.6	2024	Evangelina	Goliad	305	78.6
	7923703	114.8	2024	Evangelina	Goliad	350	73.8
	7925506	357.6	2024	Evangelina	Bee	52	315.9
	7927202	305.1	2024	Evangelina	Goliad	150	213.2
	7928302	213.3	2024	Evangelina	Goliad	235	131.9
	7928303	223.1	2024	Evangelina	Goliad	95	131.9
	7928304	236.2	2024	Evangelina	Goliad	320	124.9
	7929302	177.2	2024	Evangelina	Goliad	214	88.9
	7930301	114.8	2024	Evangelina	Goliad	300	69.7
	7931502	108.3	2024	Chicot	Goliad	204	67.8
	7931702	98.4	2024	Chicot	Goliad	218	74.7
	7934202	367.5	2024	Evangelina	Bee	175	227.3
	7934409	337.9	2024	Evangelina	Bee	145	202.7
	7935305	223.1	2024	Evangelina	Bee	150	164.5
	7937911	82.0	2024	Evangelina	Goliad	146	44.9
	7937912	85.3	2024	Chicot	Goliad	61	55.2
	7937918	88.6	2024	Chicot	Goliad	96	45.8
	7937919	85.3	2024	Evangelina	Goliad	160	45.4
	7938201	118.1	2024	Chicot	Goliad	106	81.5
	7938202	101.7	2024	Chicot	Goliad	60	71.7
	7938301	88.6	2024	Chicot	Goliad	62	64.9
	7938303	101.7	2024	Chicot	Goliad	80	75.1
	7938706	75.5	2024	Evangelina	Goliad	325	47.4

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	7939104	88.6	2024	Chicot	Goliad	110	63.1
	7942213	272.3	2024	Evangeline	Bee	185	201.1
	7942703	242.8	2024	Evangeline	Bee	230	176.9
	7943903	134.5	2024	Evangeline	Bee	260	86.3
	7957608	131.2	2024	Evangeline	San Patricio	205	82.6
	7958201	157.5	2024	Evangeline	San Patricio	521	72.5
	7964701	3.3	2024	Chicot	Aransas	130	2.3
	8007102	55.8	2024	Evangeline	Matagorda	1020	14.9
	8007203	52.5	2024	Chicot	Matagorda	453	-42.4
	8008106	49.2	2024	Chicot	Matagorda	64	34.9
	8008504	49.2	2024	Chicot	Matagorda	690	-44.2
	8008505	45.9	2024	Chicot	Matagorda	100	42.4
	8014801	13.1	2024	Chicot	Matagorda	719	-17.6
	8014903	9.8	2024	Chicot	Matagorda	320	-63.4
	8015301	26.2	2024	Chicot	Matagorda	570	-1.2
	8015502	19.7	2024	Chicot	Matagorda	776	-37.3
	8019507	23.0	2024	Chicot	Calhoun	235	3.4
	8024201	6.6	2024	Chicot	Matagorda	490	-5.6
	8024406	3.3	2024	Chicot	Matagorda	360	-37.5
	8024802	3.3	2024	Chicot	Matagorda	380	-34.2
	8049702	6.6	2024	Chicot	Aransas	63	1.7
	8101102	49.2	2024	Chicot	Matagorda	1032	-46.0
	8101205	32.8	2024	Chicot	Matagorda	480	-37.6
	8102404	29.5	2024	Chicot	Matagorda	450	-27.0
	8102605	23.0	2024	Chicot	Matagorda	525	-15.1
	8102901	13.1	2024	Chicot	Matagorda	294	-18.7
	8103406	26.2	2024	Chicot	Matagorda	530	-14.7
	8111901	3.3	2024	Chicot	Matagorda	527	-17.9
	8303506	91.9	2024	Chicot	San Patricio	267	23.7
Texana GCD - GW-00244		59.1	2024	Chicot	Jackson		42.9
Texana GCD - GW-00247		62.3	2024	Chicot	Jackson		37.4
Texana GCD - GW-00278		62.3	2024	Evangeline	Jackson	850	-8.2

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Texana GCD - GW-00291	8004504	49.2	2024	Chicot	Jackson	280	20.5
Texana GCD - GW-00410		55.8	2024	Chicot	Jackson		24.7
Texana GCD - GW-00411		59.1	2024	Chicot	Jackson		24.2
Texana GCD - GW-00444		13.1	2024	Evangeline	Jackson	400	-48.5
Texana GCD - GW-00446		13.1	2024	Chicot	Jackson	110	-49.4
Texana GCD - GW-00566		45.9	2024	Chicot	Jackson	150	33.3
Texana GCD - NW-00310		88.6	2024	Chicot	Jackson	124	47.0
Texana GCD - NW-00451		13.1	2024	Chicot	Jackson	402	-51.0
Texana GCD - NW-00487		9.8	2024	Chicot	Jackson	185	-9.4
Texana GCD - NW-00488		9.8	2024	Chicot	Jackson	330	-60.3
Texana GCD - NW-00489		6.6	2024	Chicot	Jackson	208	-13.3
Texana GCD - NW-00490		6.6	2024	Chicot	Jackson	402	-59.5
Texana GCD - NW-00491		9.8	2024	Chicot	Jackson	204	-9.0
Texana GCD - NW-00492		9.8	2024	Chicot	Jackson	355	-52.6
Texana GCD - NW-00750		29.5	2024	Chicot	Jackson	323	-66.5
Texana GCD - NW-00751		68.9	2024	Chicot	Jackson	310	29.9
Texana GCD - NW-00759		23.0	2024	Chicot	Jackson	383	-47.0
Texana GCD - NW-00760		16.4	2024	Chicot	Jackson	364	-33.6
Texana GCD - NW-00761		124.7	2024	Chicot	Jackson	170	55.7
Texana GCD - NW-00762		13.1	2024	Chicot	Calhoun	296	-46.9
Texana GCD - NW-00785		29.5	2024	Chicot	Jackson	340	-12.5
Texana GCD - NW-00786		59.1	2024	Chicot	Jackson	210	-2.9
Victoria County GCD - GW-000021		124.7	2024	Chicot	Victoria	100	85.6
Victoria County GCD - GW-000138		128.0	2024	Chicot	Victoria		48.4
Victoria County GCD - GW-000158		187.0	2024	Chicot	Victoria		111.5
Victoria County GCD - GW-000159		173.9	2024	Chicot	Victoria		94.3
Victoria County GCD - GW-000192		52.5	2024	Chicot	Victoria		24.4
Victoria County GCD - GW-000227		52.5	2024	Chicot	Victoria		22.5
Victoria County GCD - GW-000271		114.8	2024	Chicot	Victoria		65.9

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Victoria County GCD - GW-000321	8017502	65.6	2024	Evangeline	Victoria	1026	32.1
Victoria County GCD - GW-000366	8002102	91.9	2024	Evangeline	Victoria	791	37.4
Victoria County GCD - GW-000377	8002804	62.3	2024	Chicot	Victoria	92	31.9
Victoria County GCD - GW-000489		55.8	2024	Chicot	Victoria		22.6
Victoria County GCD - GW-000492		52.5	2024	Chicot	Victoria		9.7
Victoria County GCD - GW-000494		173.9	2024	Evangeline	Victoria	190	80.2
Victoria County GCD - GW-000552		160.8	2024	Evangeline	Victoria	112	95.4
Victoria County GCD - GW-000562		82.0	2024	Chicot	Victoria		39.7
Victoria County GCD - GW-000577	7908404	144.4	2024	Evangeline	Victoria	100	88.9
Victoria County GCD - GW-000578	7908403	134.5	2024	Evangeline	Victoria	100	87.1
Victoria County GCD - GW-000583		23.0	2024	Chicot	Victoria		16.7
Victoria County GCD - GW-000587		134.5	2024	Chicot	Victoria		71.5
Victoria County GCD - GW-000589	7908807	108.3	2024	Evangeline	Victoria	215	59.9
Victoria County GCD - GW-000601		101.7	2024	Evangeline	Victoria	588	69.5
Victoria County GCD - GW-000602	7916701	101.7	2024	Evangeline	Victoria	578	53.4
Victoria County GCD - GW-000603		105.0	2024	Evangeline	Victoria	620	49.6
Victoria County GCD - GW-000606		183.7	2024	Chicot	Victoria		91.0
Victoria County GCD - GW-000607		108.3	2024	Chicot	Victoria		59.9
Victoria County GCD - GW-000608	7915903	121.4	2024	Chicot	Victoria	112	76.3

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Victoria County GCD - GW-000609		98.4	2024	Chicot	Victoria	194	63.0
Victoria County GCD - GW-000611		95.1	2024	Chicot	Victoria	100	41.0
Victoria County GCD - GW-000989		55.8	2024	Chicot	Victoria		31.2
Victoria County GCD - NW-000016		170.6	2024	Evangelina	Victoria	250	92.8
Victoria County GCD - NW-000426	7907404	229.7	2024	Evangelina	Victoria	371	100.6
Victoria County GCD - NW-000779	8025402	62.3	2024	Chicot	Victoria	190	16.6
Victoria County GCD - NW-001253		49.2	2024	Chicot	Victoria	52	25.4
Calhoun County GCD - GW-00001	8027302	16.4	2025	Chicot	Calhoun	175	-4.4
Calhoun County GCD - GW-00003		32.8	2025	Chicot	Calhoun		16.3
Calhoun County GCD - GW-00005		16.4	2025	Chicot	Calhoun		-19.4
Calhoun County GCD - GW-00009		36.1	2025	Chicot	Calhoun		1.5
Calhoun County GCD - GW-00092		16.4	2025	Chicot	Calhoun		-3.2
Calhoun County GCD - NW-00024	8021512	16.4	2025	Chicot	Calhoun	265	-19.8
Refugio GCD - GW-00079		32.8	2025	Chicot	Refugio	331	9.9
Refugio GCD - GW-00234	7932802	72.2	2025	Chicot	Refugio	165	14.3
Refugio GCD - GW-00439		19.7	2025	Chicot	Refugio		5.2
Refugio GCD - NW-00474		82.0	2025	Chicot	Refugio		50.7
Refugio GCD - NW-00539		29.5	2025	Chicot	Refugio	300	3.6
Refugio GCD - NW-00570	8034709	23.0	2025	Chicot	Refugio	320	-0.3
	6541401	88.6	2025	Chicot	Wharton	90	53.2
	6541402	82.0	2025	Chicot	Wharton	338	31.6
	6541707	82.0	2025	Chicot	Wharton	499	20.1
	6612204	315.0	2025	Evangelina	Colorado	140	278.8
	6612603	292.0	2025	Evangelina	Colorado	188	200.7
	6614703	259.2	2025	Chicot	Colorado	71	234.1
	6619804	347.8	2025	Evangelina	Colorado	140	277.5
	6619904	331.4	2025	Evangelina	Colorado	260	188.2
	6620602	200.1	2025	Evangelina	Colorado	312	142.9
	6620901	242.8	2025	Evangelina	Colorado	800	171.4

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	6622201	223.1	2025	Evangeline	Colorado	995	180.0
	6628702	249.3	2025	Evangeline	Colorado	565	169.6
	6631107	154.2	2025	Chicot	Wharton	450	104.3
	6631504	137.8	2025	Chicot	Wharton	178	92.0
	6632809	118.1	2025	Chicot	Wharton	320	69.9
	6633905	210.0	2025	Evangeline	Lavaca	164	168.5
	6634201	193.6	2025	Evangeline	Lavaca	48	169.4
	6634202	206.7	2025	Evangeline	Lavaca	61	171.0
	6634207	226.4	2025	Evangeline	Lavaca	120	173.4
	6635901	210.0	2025	Evangeline	Lavaca	840	141.8
	6637607	160.8	2025	Chicot	Colorado	318	122.4
	6638202	150.9	2025	Chicot	Wharton	65	113.5
	6638304	150.9	2025	Chicot	Wharton	113	106.3
	6638801	124.7	2025	Chicot	Wharton	116	94.7
	6639801	111.5	2025	Chicot	Wharton	300	67.1
	6641203	223.1	2025	Evangeline	Lavaca	80	175.3
	6641703	219.8	2025	Evangeline	Lavaca	164	151.4
	6641903	206.7	2025	Evangeline	Lavaca	335	119.7
	6643704	137.8	2025	Chicot	Lavaca	34	109.1
	6643801	150.9	2025	Evangeline	Lavaca	724	64.2
	6643803	150.9	2025	Evangeline	Lavaca	1023	57.7
	6644702	137.8	2025	Evangeline	Colorado	676	42.1
	6645916	128.0	2025	Chicot	Wharton	125	74.0
	6646201	141.1	2025	Chicot	Wharton	200	91.3
	6646402	131.2	2025	Chicot	Wharton	366	77.1
	6646601	128.0	2025	Chicot	Wharton	186	79.4
	6647201	114.8	2025	Chicot	Wharton	244	59.4
	6648802	91.9	2025	Chicot	Wharton	564	51.2
	6648907	88.6	2025	Chicot	Wharton	630	23.0
	6648908	88.6	2025	Chicot	Wharton	55	61.3
	6648909	88.6	2025	Chicot	Wharton	300	24.6
	6649701	170.6	2025	Evangeline	Lavaca	1082	117.6
	6649901	170.6	2025	Evangeline	Lavaca	272	108.7
	6653804	85.3	2025	Chicot	Wharton	495	42.9
	6654108	98.4	2025	Chicot	Wharton	360	47.5

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	6654622	98.4	2025	Evangeline	Wharton	1200	22.8
	6654906	88.6	2025	Chicot	Wharton	461	11.7
	6656302	85.3	2025	Chicot	Wharton	490	15.8
	6661302	82.0	2025	Chicot	Wharton	528	27.1
	6661305	78.7	2025	Chicot	Wharton	600	36.2
	6662104	85.3	2025	Chicot	Wharton	371	32.8
	6662307	85.3	2025	Chicot	Wharton	180	58.2
	6662313	82.0	2025	Chicot	Wharton	480	-1.4
	6663105	78.7	2025	Chicot	Wharton	342	61.4
	6663507	68.9	2025	Chicot	Wharton	48	58.4
	6663509	62.3	2025	Chicot	Wharton	688	-28.9
	6663610	68.9	2025	Evangeline	Wharton	857	-30.4
	6740301	278.9	2025	Evangeline	Lavaca	45	264.4
	6755606	262.5	2025	Evangeline	DeWitt	194	216.9
	6755803	219.8	2025	Evangeline	DeWitt	75	205.1
	6763703	187.0	2025	Evangeline	DeWitt	120	118.8
	7905507	232.9	2025	Evangeline	DeWitt	230	206.4
	7905606	200.1	2025	Evangeline	Goliad	154	178.3
	7905903	216.5	2025	Evangeline	Goliad	280	163.1
	7905904	196.9	2025	Evangeline	Goliad	164	168.5
	7905905	216.5	2025	Evangeline	Goliad	314	162.4
	7905907	232.9	2025	Evangeline	Goliad	261	162.8
	7905909	255.9	2025	Evangeline	Goliad	143	182.3
	7906306	229.7	2025	Evangeline	DeWitt	138	148.3
	7906706	219.8	2025	Evangeline	Goliad	152	159.9
	7906707	200.1	2025	Evangeline	DeWitt	260	148.7
	7906708	216.5	2025	Evangeline	DeWitt	300	149.3
	7912305	301.8	2025	Evangeline	Goliad	166	210.3
	7913223	236.2	2025	Evangeline	Goliad	93	180.0
	7913224	232.9	2025	Evangeline	Goliad	24	212.3
	7913225	229.7	2025	Evangeline	Goliad	65	174.5
	7913229	229.7	2025	Evangeline	Goliad	152	169.0
	7913230	249.3	2025	Evangeline	Goliad	282	167.3
	7913231	232.9	2025	Evangeline	Goliad	28	213.4
	7913304	242.8	2025	Evangeline	Goliad	317	165.9

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	7913507	282.2	2025	Evangeline	Goliad	250	167.6
	7913512	269.0	2025	Evangeline	Goliad	263	163.9
	7913513	292.0	2025	Evangeline	Goliad	230	154.8
	7913803	255.9	2025	Evangeline	Goliad	188	185.9
	7913804	242.8	2025	Evangeline	Goliad	291	143.2
	7913805	288.7	2025	Evangeline	Goliad	197	191.7
	7913806	236.2	2025	Evangeline	Goliad	222	148.0
	7913807	269.0	2025	Evangeline	Goliad	222	186.9
	7913808	255.9	2025	Evangeline	Goliad	331	147.4
	7913809	252.6	2025	Evangeline	Goliad	183	149.9
	7913810	265.7	2025	Evangeline	Goliad	186	187.6
	7913811	229.7	2025	Evangeline	Goliad	143	182.2
	7913813	272.3	2025	Evangeline	Goliad	210	188.0
	7916603	62.3	2025	Evangeline	Victoria	612	13.6
	7922604	147.6	2025	Evangeline	Goliad	305	82.8
	7923703	114.8	2025	Evangeline	Goliad	350	73.8
	7925506	357.6	2025	Evangeline	Bee	52	314.6
	7927202	305.1	2025	Evangeline	Goliad	150	211.8
	7928302	213.3	2025	Evangeline	Goliad	235	131.8
	7928304	236.2	2025	Evangeline	Goliad	320	124.9
	7929302	177.2	2025	Evangeline	Goliad	214	93.2
	7930301	114.8	2025	Evangeline	Goliad	300	70.6
	7931502	108.3	2025	Chicot	Goliad	204	67.8
	7931702	98.4	2025	Chicot	Goliad	218	73.9
	7934409	337.9	2025	Evangeline	Bee	145	202.2
	7935101	259.2	2025	Evangeline	Bee	130	192.1
	7935305	223.1	2025	Evangeline	Bee	150	162.9
	7938201	118.1	2025	Chicot	Goliad	106	81.3
	7938202	101.7	2025	Chicot	Goliad	60	70.2
	7938301	88.6	2025	Chicot	Goliad	62	65.6
	7938303	101.7	2025	Chicot	Goliad	80	75.0
	7939104	88.6	2025	Chicot	Goliad	110	63.5
	7942213	272.3	2025	Evangeline	Bee	185	199.2
	7942703	242.8	2025	Evangeline	Bee	230	176.2
	7944103	150.9	2025	Evangeline	Bee	150	94.2

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
	7957608	131.2	2025	Evangeline	San Patricio	205	78.2
	7958201	157.5	2025	Evangeline	San Patricio	521	71.6
	7960104	88.6	2025	Chicot	San Patricio	450	63.0
	7964701	3.3	2025	Chicot	Aransas	130	-2.0
	8007102	55.8	2025	Evangeline	Matagorda	1020	11.3
	8007203	52.5	2025	Chicot	Matagorda	453	-33.8
	8007312	49.2	2025	Chicot	Matagorda	350	-36.2
	8008106	49.2	2025	Chicot	Matagorda	64	33.6
	8008504	49.2	2025	Chicot	Matagorda	690	-43.4
	8008505	45.9	2025	Chicot	Matagorda	100	39.8
	8014801	13.1	2025	Chicot	Matagorda	719	-20.9
	8015405	29.5	2025	Chicot	Matagorda	270	-54.6
	8024201	6.6	2025	Chicot	Matagorda	490	-3.5
	8024406	3.3	2025	Chicot	Matagorda	360	-38.1
	8024601	3.3	2025	Chicot	Matagorda	275	-8.8
	8024802	3.3	2025	Chicot	Matagorda	380	-31.8
	8049702	6.6	2025	Chicot	Aransas	63	1.0
	8102404	29.5	2025	Chicot	Matagorda	450	-27.3
	8102901	13.1	2025	Chicot	Matagorda	294	-17.5
	8103406	26.2	2025	Chicot	Matagorda	530	-13.8
	8111901	3.3	2025	Chicot	Matagorda	527	-24.6
	8117405	3.3	2025	Chicot	Matagorda	472	-21.8
	8303506	91.9	2025	Chicot	San Patricio	267	23.7
Texana GCD - GW-00090		9.8	2025	Chicot	Jackson		-55.8
Texana GCD - GW-00091		9.8	2025	Chicot	Jackson		-57.1
Texana GCD - GW-00244		59.1	2025	Chicot	Jackson		34.4
Texana GCD - GW-00247		62.3	2025	Chicot	Jackson		37.2
Texana GCD - GW-00251		62.3	2025	Chicot	Jackson		33.3
Texana GCD - GW-00278		62.3	2025	Evangeline	Jackson	850	-5.5
Texana GCD - GW-00284	8011502	39.4	2025	Chicot	Jackson	300	10.7
Texana GCD - GW-00291	8004504	49.2	2025	Chicot	Jackson	280	21.1
Texana GCD - GW-00410		55.8	2025	Chicot	Jackson		24.1

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Texana GCD - GW-00411		59.1	2025	Chicot	Jackson		26.3
Texana GCD - GW-00444		13.1	2025	Evangeline	Jackson	400	-55.1
Texana GCD - GW-00566		45.9	2025	Chicot	Jackson	150	30.0
Texana GCD - NW-00075	8022407	9.8	2025	Chicot	Jackson	520	-55.6
Texana GCD - NW-00140		13.1	2025	Chicot	Jackson	520	-52.6
Texana GCD - NW-00310		88.6	2025	Chicot	Jackson	124	48.1
Texana GCD - NW-00487		9.8	2025	Chicot	Jackson	185	-7.4
Texana GCD - NW-00488		9.8	2025	Chicot	Jackson	330	-65.6
Texana GCD - NW-00489		6.6	2025	Chicot	Jackson	208	-10.7
Texana GCD - NW-00490		6.6	2025	Chicot	Jackson	402	-64.1
Texana GCD - NW-00491		9.8	2025	Chicot	Jackson	204	-8.2
Texana GCD - NW-00492		9.8	2025	Chicot	Jackson	355	-54.4
Victoria County GCD - GW-000001		88.6	2025	Chicot	Victoria		50.8
Victoria County GCD - GW-000047		124.7	2025	Evangeline	Victoria	227	68.1
Victoria County GCD - GW-000138		128.0	2025	Chicot	Victoria		46.8
Victoria County GCD - GW-000150		55.8	2025	Chicot	Victoria	140	28.4
Victoria County GCD - GW-000158		187.0	2025	Chicot	Victoria		109.1
Victoria County GCD - GW-000159		173.9	2025	Chicot	Victoria		92.7
Victoria County GCD - GW-000192		52.5	2025	Chicot	Victoria		24.4
Victoria County GCD - GW-000227		52.5	2025	Chicot	Victoria		27.2
Victoria County GCD - GW-000271		114.8	2025	Chicot	Victoria		51.7
Victoria County GCD - GW-000321	8017502	65.6	2025	Evangeline	Victoria	1026	32.0
Victoria County GCD - GW-000366	8002102	91.9	2025	Evangeline	Victoria	791	36.1
Victoria County GCD - GW-000377	8002804	62.3	2025	Chicot	Victoria	92	24.3
Victoria County GCD - GW-000489		55.8	2025	Chicot	Victoria		22.2

GCD Well ID	TWDB Well ID	Land Surface Elevation (ft)	Analysis Year	Assigned Unit	County	Well Depth (ft)	Average Water Level (famsl)
Victoria County GCD - GW-000492		52.5	2025	Chicot	Victoria		8.3
Victoria County GCD - GW-000494		173.9	2025	Evangeline	Victoria	190	67.4
Victoria County GCD - GW-000544		91.9	2025	Chicot	Victoria	853	57.2
Victoria County GCD - GW-000552		160.8	2025	Evangeline	Victoria	112	95.1
Victoria County GCD - GW-000562		82.0	2025	Chicot	Victoria		38.7
Victoria County GCD - GW-000577	7908404	144.4	2025	Evangeline	Victoria	100	87.8
Victoria County GCD - GW-000578	7908403	134.5	2025	Evangeline	Victoria	100	85.1
Victoria County GCD - GW-000587		134.5	2025	Chicot	Victoria		77.5
Victoria County GCD - GW-000588		200.1	2025	Chicot	Victoria		105.2
Victoria County GCD - GW-000602	7916701	101.7	2025	Evangeline	Victoria	578	55.7
Victoria County GCD - GW-000603		105.0	2025	Evangeline	Victoria	620	56.3
Victoria County GCD - GW-000607		108.3	2025	Chicot	Victoria		59.0
Victoria County GCD - GW-000608	7915903	121.4	2025	Chicot	Victoria	112	75.6
Victoria County GCD - GW-000609		98.4	2025	Chicot	Victoria	194	59.3
Victoria County GCD - GW-000614		118.1	2025	Chicot	Victoria		63.6
Victoria County GCD - GW-000735		118.1	2025	Chicot	Victoria		73.7
Victoria County GCD - GW-000989		55.8	2025	Chicot	Victoria		31.1
Victoria County GCD - NW-000016		170.6	2025	Evangeline	Victoria	250	102.7
Victoria County GCD - NW-000779	8025402	62.3	2025	Chicot	Victoria	190	16.1

Table 2 Average annual water level (ft, msl) and change in the average annual water level for Calhoun County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Chicot	avg. WL (ft)	-7.0	-5.9	-4.9	-0.3	-1.8	1.9	-4.5	-1.0	0.8	-2.6	-2.6	-1.2	-7.6	-5.1	-6.8	-7.7	-7.8	-2.6	-4.2	-2.9	-2.6	-5.0	-1.8	-5.7	-7.6	-7.9
	change (ft)*	0.0	1.1	2.1	6.7	5.2	8.9	2.5	6.1	7.8	4.4	4.4	5.8	-0.6	2.0	0.2	-0.6	-0.8	4.4	2.8	4.1	4.5	2.0	5.2	1.3	-0.6	-0.9
Evangeline	avg. WL (ft)	17.7	11.3	8.1	25.2	13.7	13.3	21.8	28.0	15.1	16.5	18.1	14.6	18.7	10.3	1.2	3.6	3.6	11.6	-8.0	15.2	16.4	9.9	6.6	5.0	-5.5	-6.7
	change (ft)*	0.0	-6.4	-9.6	7.5	-4.0	-4.4	4.1	10.3	-2.6	-1.2	0.4	-3.1	1.0	-7.4	-16.5	-14.2	-14.1	-6.1	-25.8	-2.5	-1.3	-7.8	-11.1	-12.7	-23.2	-24.4
Chicot & Evangeline	avg. WL (ft)	-3.2	-3.7	-3.5	3.7	0.2	3.3	-0.2	3.7	3.1	0.2	0.4	1.0	-3.1	-2.8	-5.7	-6.1	-6.2	-0.4	-5.7	-0.1	0.5	-3.1	-1.3	-4.5	-7.0	-7.6
	change (ft)*	0.0	-0.5	-0.3	7.0	3.4	6.6	3.1	6.9	6.3	3.4	3.6	4.2	0.1	0.4	-2.5	-2.8	-3.0	2.8	-2.5	3.1	3.7	0.1	1.9	-1.3	-3.8	-4.4

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 3 Average annual water level (ft, msl) and change in the average annual water level for Jackson County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Chicot	avg. WL (ft)	21.3	19.3	23.4	26.5	26.5	29.3	23.0	29.9	30.7	26.4	27.1	28.1	20.2	23.6	20.3	22.1	20.6	25.9	25.7	26.2	28.0	25.4	29.5	23.6	18.2	23.2
	change (ft)*	0.0	-2.0	2.1	5.2	5.2	8.0	1.7	8.6	9.4	5.1	5.8	6.8	-1.1	2.2	-1.0	0.8	-0.7	4.6	4.4	4.9	6.7	4.1	8.2	2.3	-3.1	1.9
Evangeline	avg. WL (ft)	17.0	19.2	21.8	21.0	22.0	22.0	21.5	32.6	27.5	20.9	17.1	19.6	6.2	20.4	1.7	12.0	21.0	17.4	-3.5	15.4	15.9	12.1	13.0	15.0	0.7	-0.5
	change (ft)*	0.0	2.3	4.9	4.0	5.1	5.1	4.6	15.7	10.6	3.9	0.1	2.6	-10.7	3.4	-15.2	-4.9	4.1	0.4	-20.4	-1.5	-1.0	-4.9	-4.0	-2.0	-16.3	-17.5
Chicot & Evangeline	avg. WL (ft)	19.0	19.1	22.5	23.6	24.2	25.6	22.2	31.2	29.0	23.5	22.0	23.8	13.1	21.9	11.0	16.9	20.7	21.5	11.0	20.8	21.9	18.7	21.1	19.2	9.4	11.3
	change (ft)*	0.0	0.1	3.5	4.6	5.2	6.6	3.1	12.2	10.0	4.5	3.0	4.8	-5.9	2.8	-8.1	-2.1	1.7	2.5	-8.0	1.7	2.9	-0.3	2.1	0.2	-9.6	-7.7

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 4 Average annual water level (ft, msl) and change in the average annual water level for Refugio County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

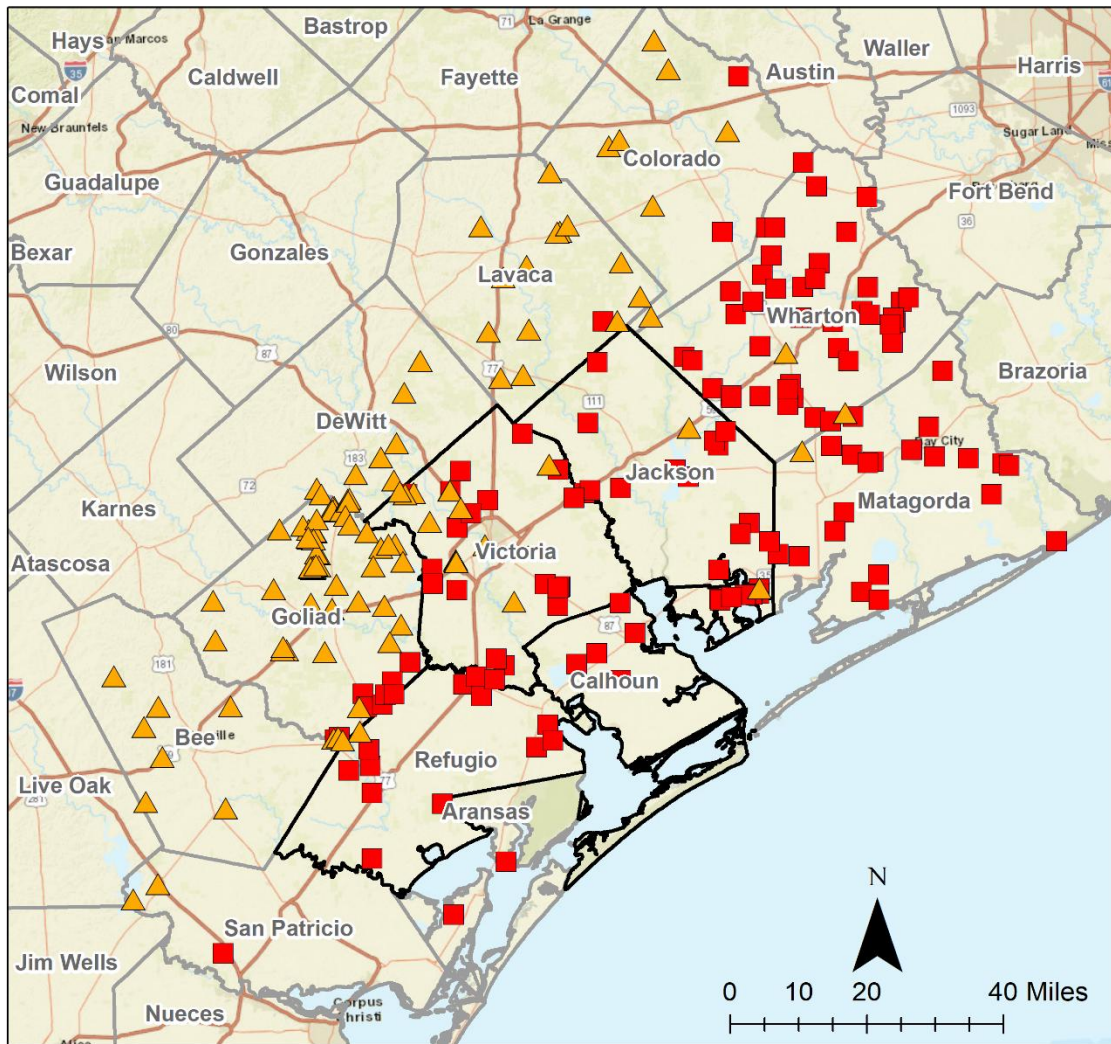
Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Chicot	avg. WL (ft)	24.8	23.6	28.3	27.2	24.5	28.3	24.6	27.4	29.0	24.3	22.7	23.5	23.0	19.4	4.5	14.5	19.6	19.2	19.0	20.0	18.4	14.9	19.6	17.3	15.5	18.5
	change (ft)*	0.0	-1.2	3.6	2.5	-0.2	3.5	-0.1	2.6	4.3	-0.5	-2.1	-1.2	-1.8	-5.4	-20.2	-10.3	-5.2	-5.6	-5.8	-4.8	-6.4	-9.9	-5.2	-7.5	-9.3	-6.3
Evangeline	avg. WL (ft)	32.5	31.7	34.2	39.8	37.9	40.7	38.3	35.4	31.2	31.7	21.7	31.6	33.1	27.0	23.9	22.3	24.6	30.4	20.5	28.2	30.9	24.6	28.3	24.1	21.1	27.7
	change (ft)*	0.0	-0.8	1.6	7.2	5.3	8.1	5.8	2.8	-1.3	-0.9	-10.8	-1.0	0.5	-5.5	-8.6	-10.3	-7.9	-2.2	-12.0	-4.3	-1.7	-7.9	-4.2	-8.4	-11.4	-4.8
Chicot & Evangeline	avg. WL (ft)	26.3	25.4	29.1	31.0	28.8	31.8	28.9	29.0	28.5	26.1	20.7	25.6	25.8	21.4	11.9	16.7	20.4	22.8	18.6	22.4	22.6	17.8	22.2	19.0	18.1	22.7
	change (ft)*	0.0	-0.9	2.8	4.7	2.5	5.6	2.6	2.7	2.2	-0.1	-5.5	-0.7	-0.5	-4.9	-14.4	-9.5	-5.8	-3.5	-7.7	-3.9	-3.7	-8.4	-4.1	-7.3	-8.2	-3.6

* change is measured relative to the year 2000; avg WL is measured relative to mean sea level

Table 5 Average annual water level (ft, msl) and change in the average annual water level for Victoria County for the Chicot Aquifer, the Evangeline Aquifer and the Chicot & Evangeline aquifers

Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Chicot	avg. WL (ft)	49.8	49.2	47.8	48.8	49.6	52.6	51.8	52.0	52.4	50.9	52.8	48.0	43.5	50.1	45.5	48.2	49.9	51.4	52.0	49.9	47.9	48.6	51	45.6	42.6	42.9
	change (ft)*	0.0	-0.6	-2.0	-1.0	-0.2	2.8	2.0	2.2	2.6	1.1	3.0	-1.7	-6.3	0.3	-4.3	-1.6	0.1	1.6	2.2	0.1	-1.9	-1.2	1.1	-4.2	-7.2	-6.9
Evangeline	avg. WL (ft)	29.8	32.0	40.6	48.8	51.0	48.9	47.6	53.4	53.0	47.7	44.8	41.3	32.4	45.3	40.9	41.4	45.6	46.1	30.6	38.0	39.1	42.7	43.3	44.6	39.2	39.0
	change (ft)*	0.0	2.2	10.8	19.0	21.2	19.1	17.7	23.5	23.1	17.8	15.0	11.5	2.5	15.4	11.0	11.5	15.7	16.3	0.7	8.2	9.3	12.9	13.5	14.8	9.4	9.2
Chicot & Evangeline	avg. WL (ft)	41.3	42.4	46.0	50.6	51.9	52.2	51.2	54.2	54.2	50.7	50.2	46.2	39.3	49.3	44.8	46.3	49.3	50.4	42.7	45.6	45.1	47.4	48.8	46.9	40.8	40.9
	change (ft)*	0.0	1.0	4.6	9.2	10.5	10.9	9.9	12.9	12.9	9.4	8.9	4.9	-2.0	7.9	3.4	5.0	7.9	9.0	1.4	4.2	3.8	6.1	7.5	5.6	-0.5	-0.4

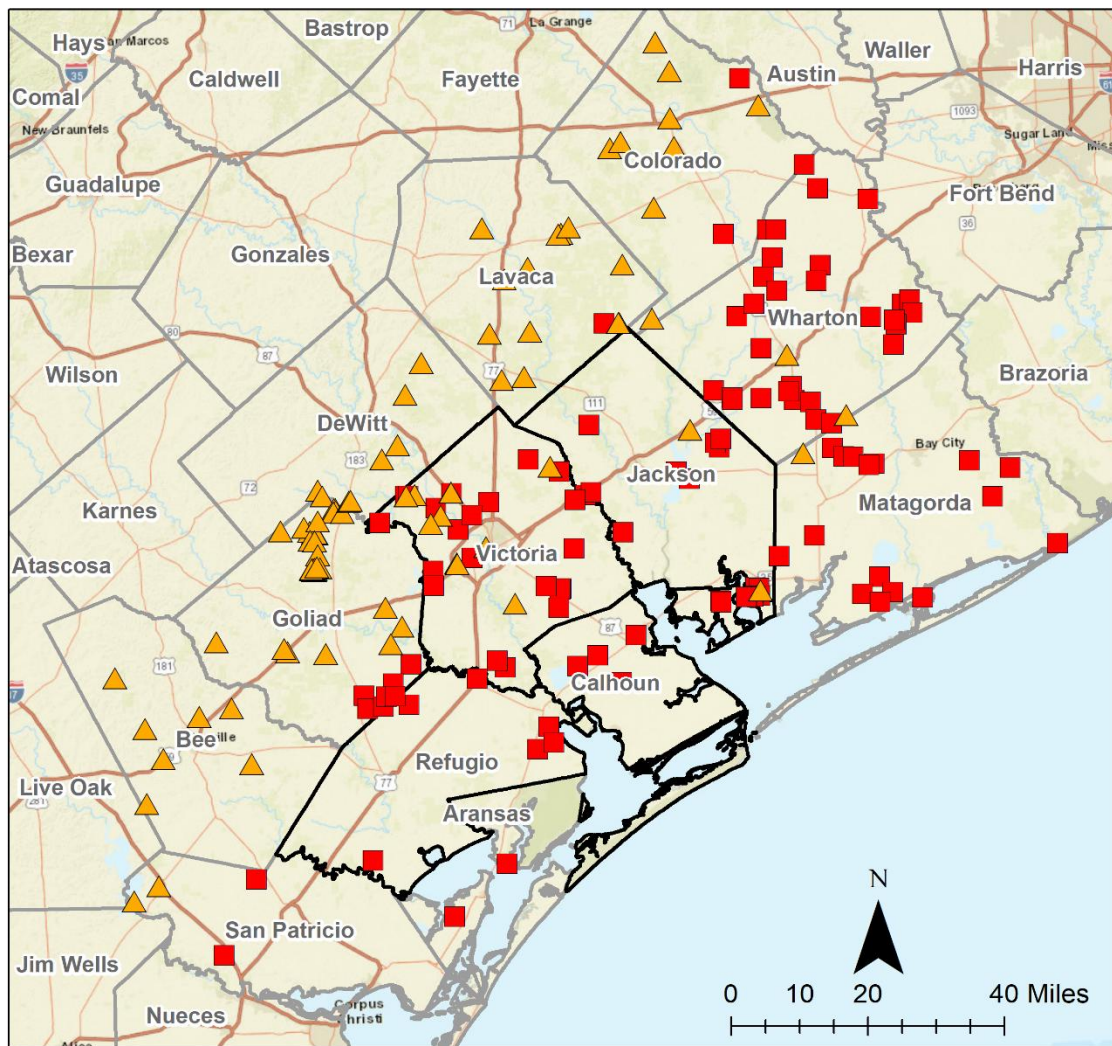
* change is measured relative to the year 2000; avg WL is measured relative to mean sea level



Monitoring Well Network 2024

- Counties of Interest
- Counties
- ▲ Evangeline Aquifer
- Chicot Aquifer

Figure 1 Location of Water Levels that were Interpolated to Generate the Water Levels Surfaces for the Chicot and the Evangeline aquifers analysis year 2024.



Monitoring Well Network 2025

-  Counties of Interest
-  Counties
-  Evangeline Aquifer
-  Chicot Aquifer

Figure 2 Location of Water Levels that were Interpolated to Generate the Water Levels Surfaces for the Chicot and the Evangeline aquifers analysis year 2025.

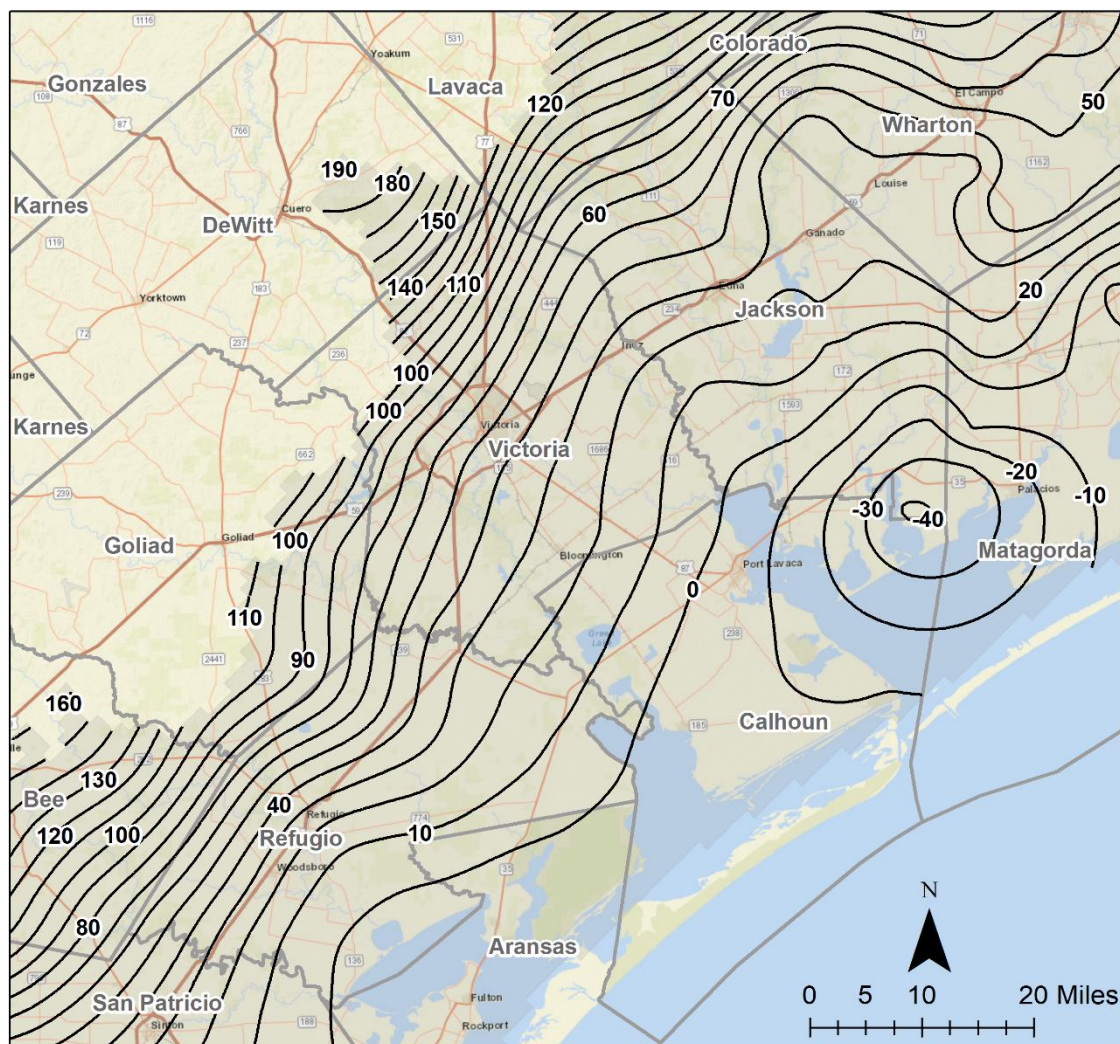
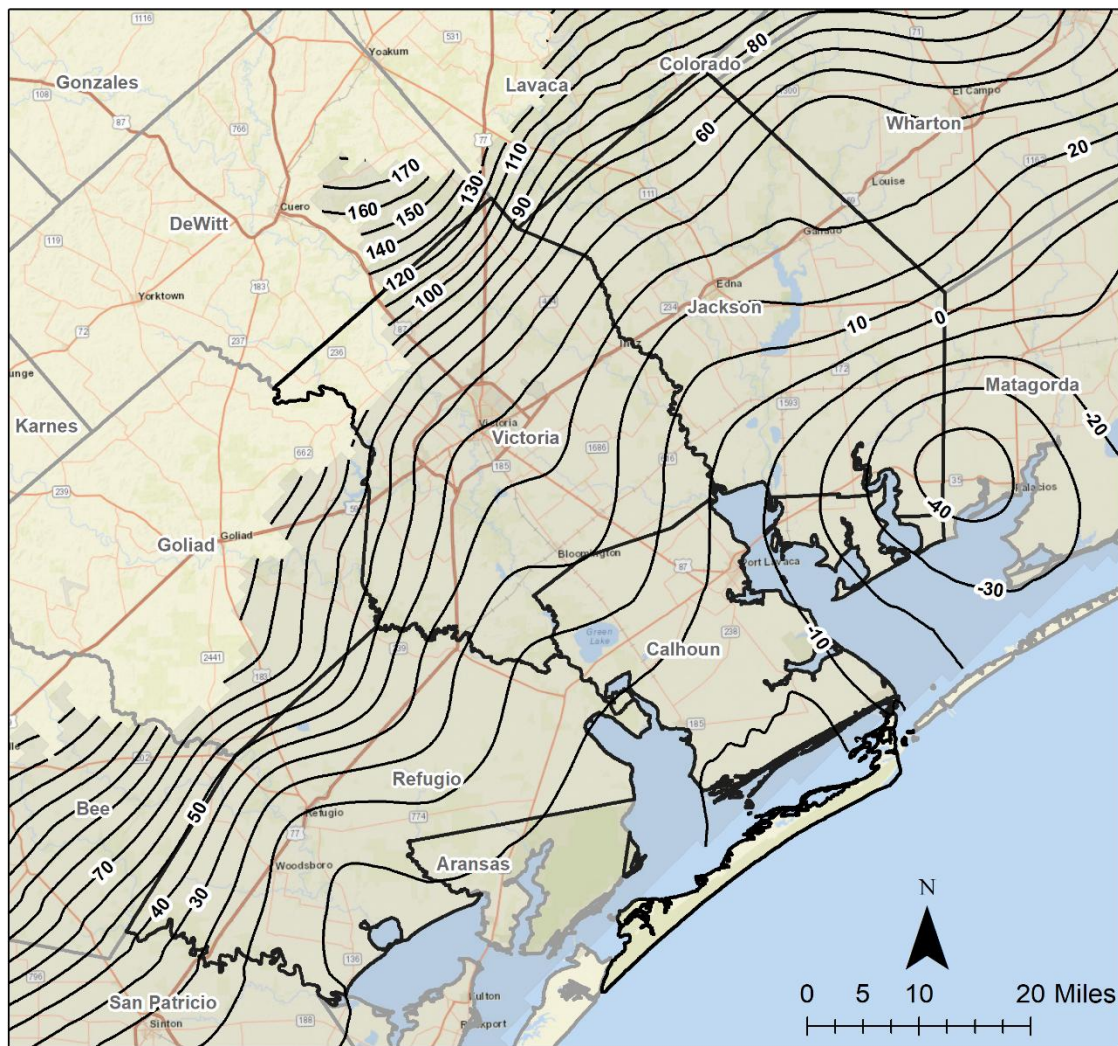
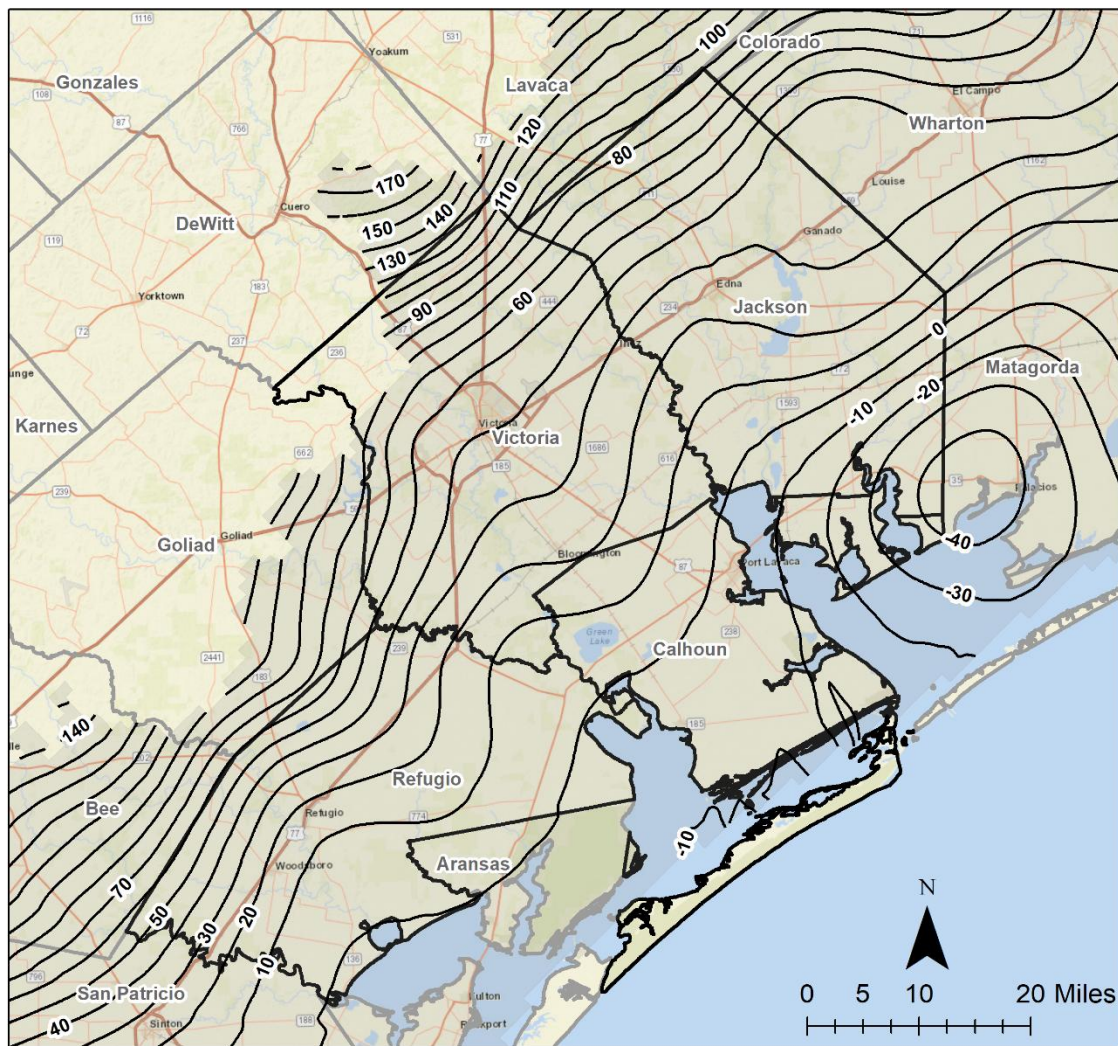


Figure 3 Contours of the Water Levels Generated for the Chicot Aquifer for the 2000 Analysis Year



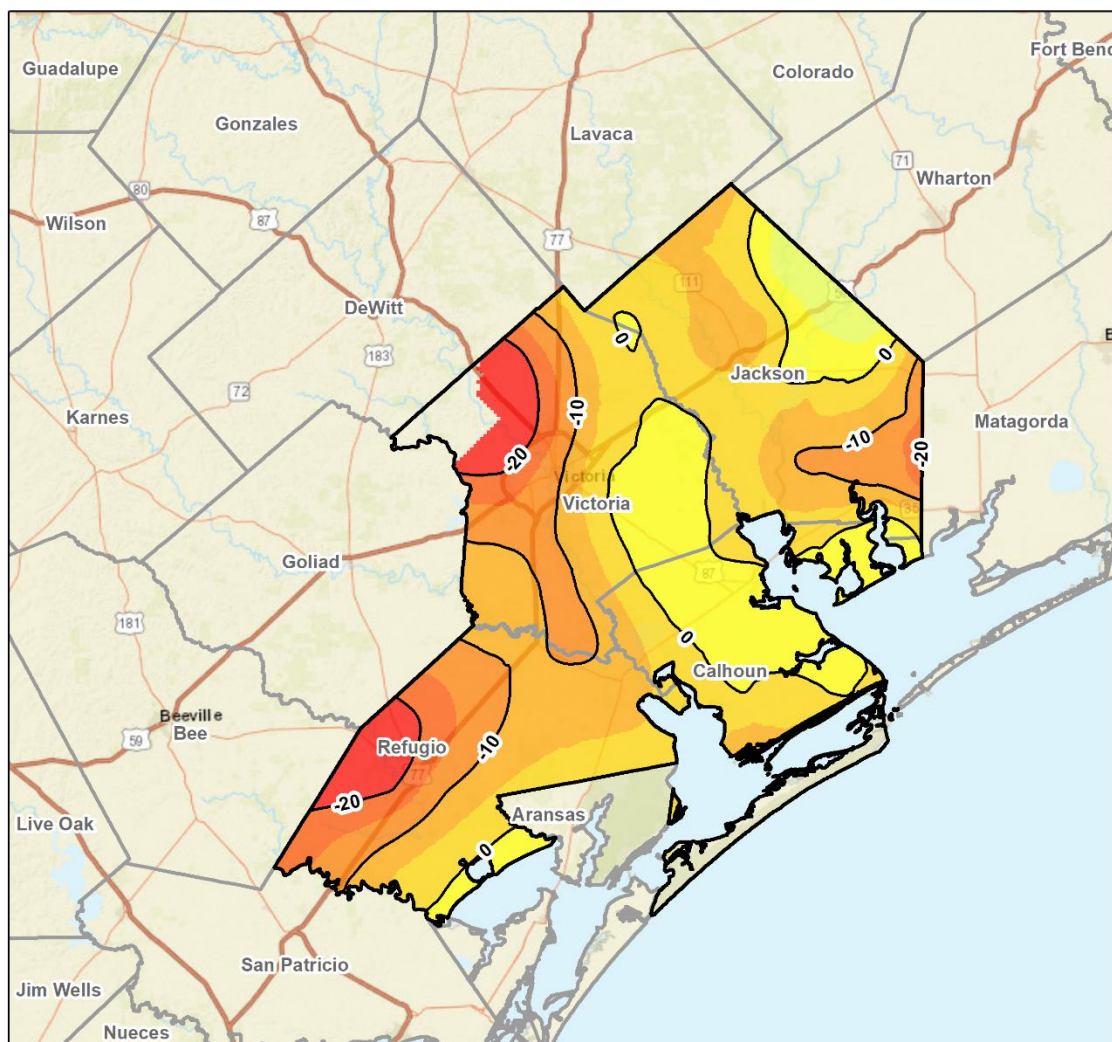
Water Level (ft):
Chicot, 2024 Analysis Year
— Water Level (famsl)
□ Counties of Interest
□ Counties

Figure 4 Contours of the Water Levels Generated for the Chicot Aquifer for the 2024 Analysis Year



Water Level (ft):
Chicot, 2025 Analysis Year
— Water Level (famsl)
□ Counties of Interest
□ Counties

Figure 5 Contours of the Water Levels Generated for the Chicot Aquifer for the 2025 Analysis Year



**Change in Water Level (ft):
Chicot 2000 Analysis Year - 2024 Analysis Year**

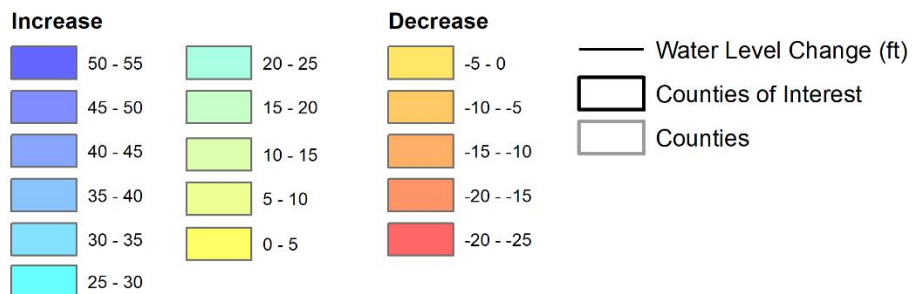
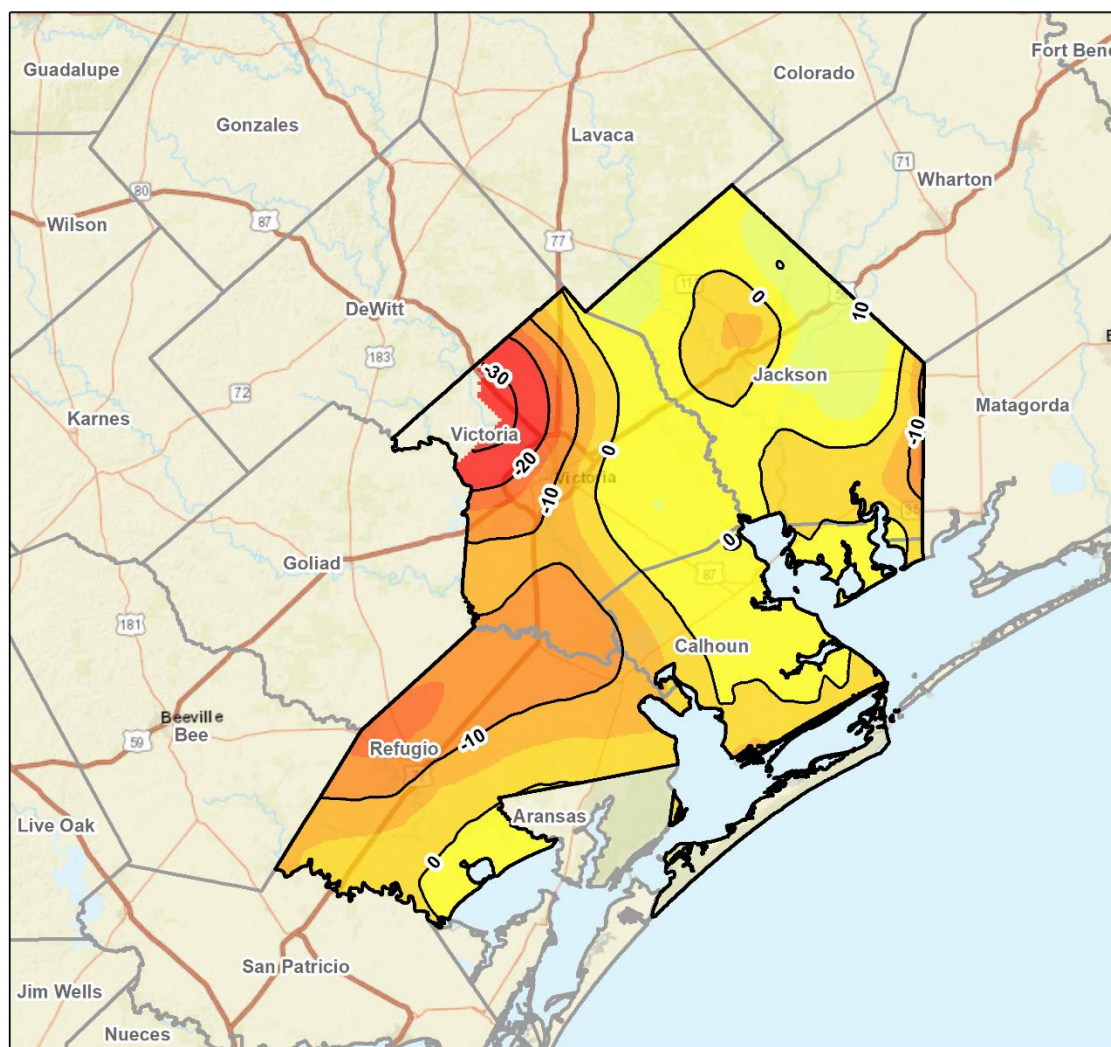


Figure 6 Contours of the change in water levels in the Chicot Aquifer from the 2000 Analysis Year to the 2024 Analysis Year



**Change in Water Level (ft):
Chicot 2000 Analysis Year - 2025 Analysis Year**

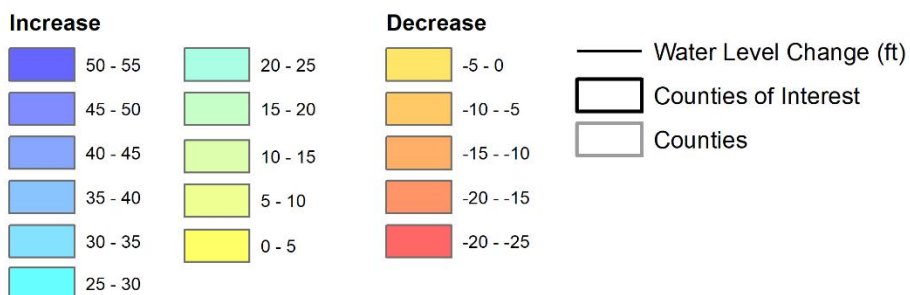


Figure 7 Contours of the change in water levels in the Chicot Aquifer from the 2000 Analysis Year to the 2025 Analysis Year

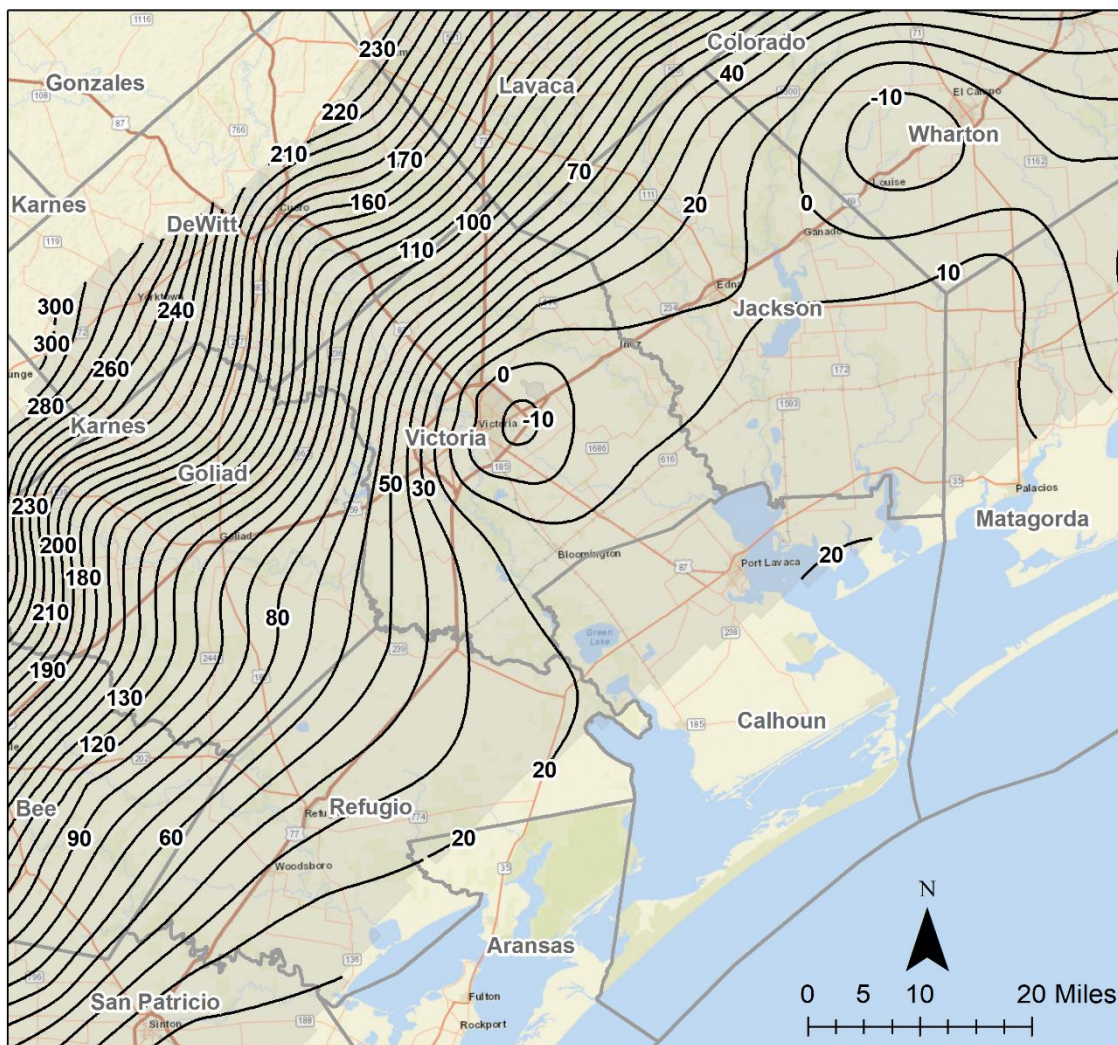
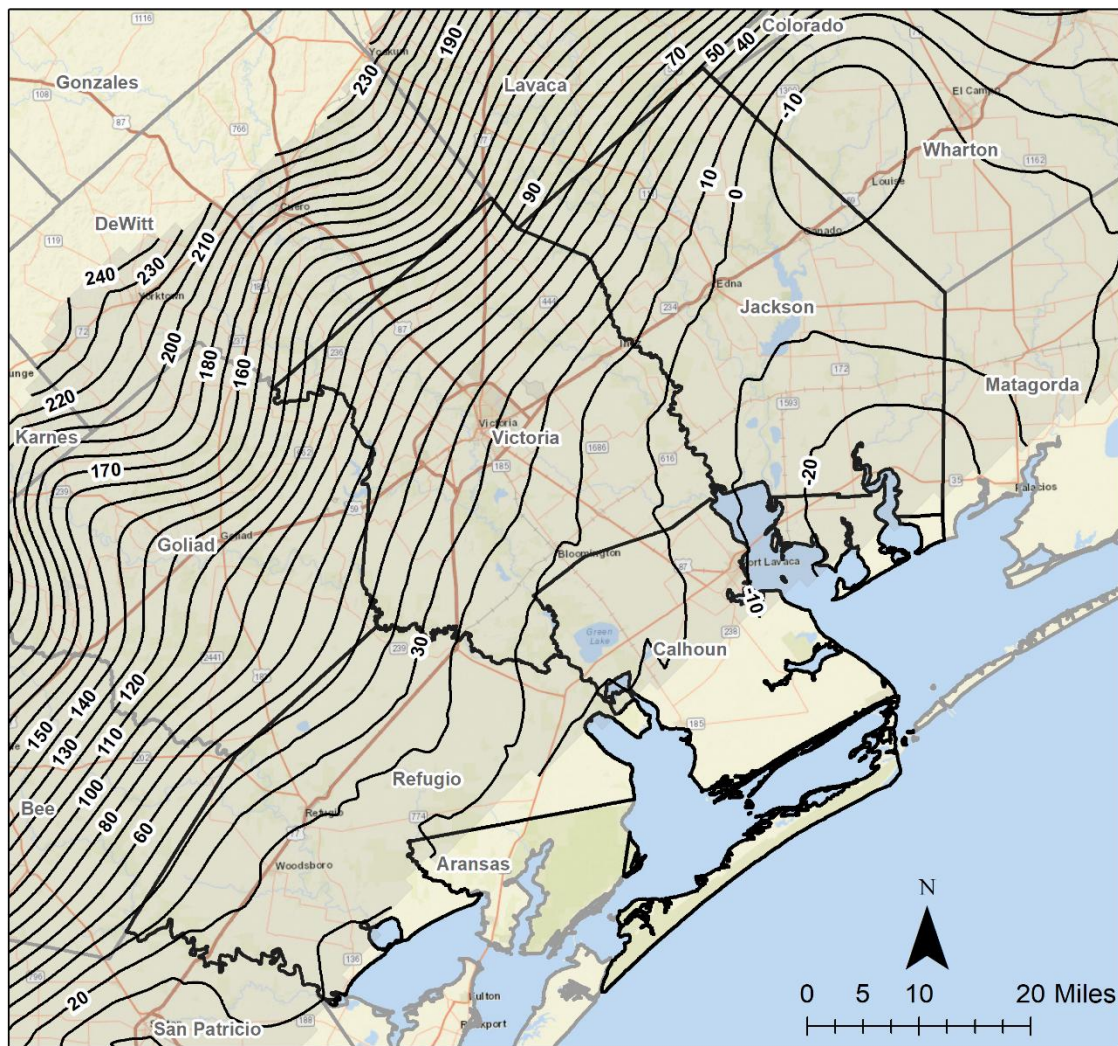


Figure 8 Contours of the Water Levels Generated for the Evangeline Aquifer for the 2000 Analysis Year



**Water Level (ft):
Evangeline, 2024 Analysis Year**

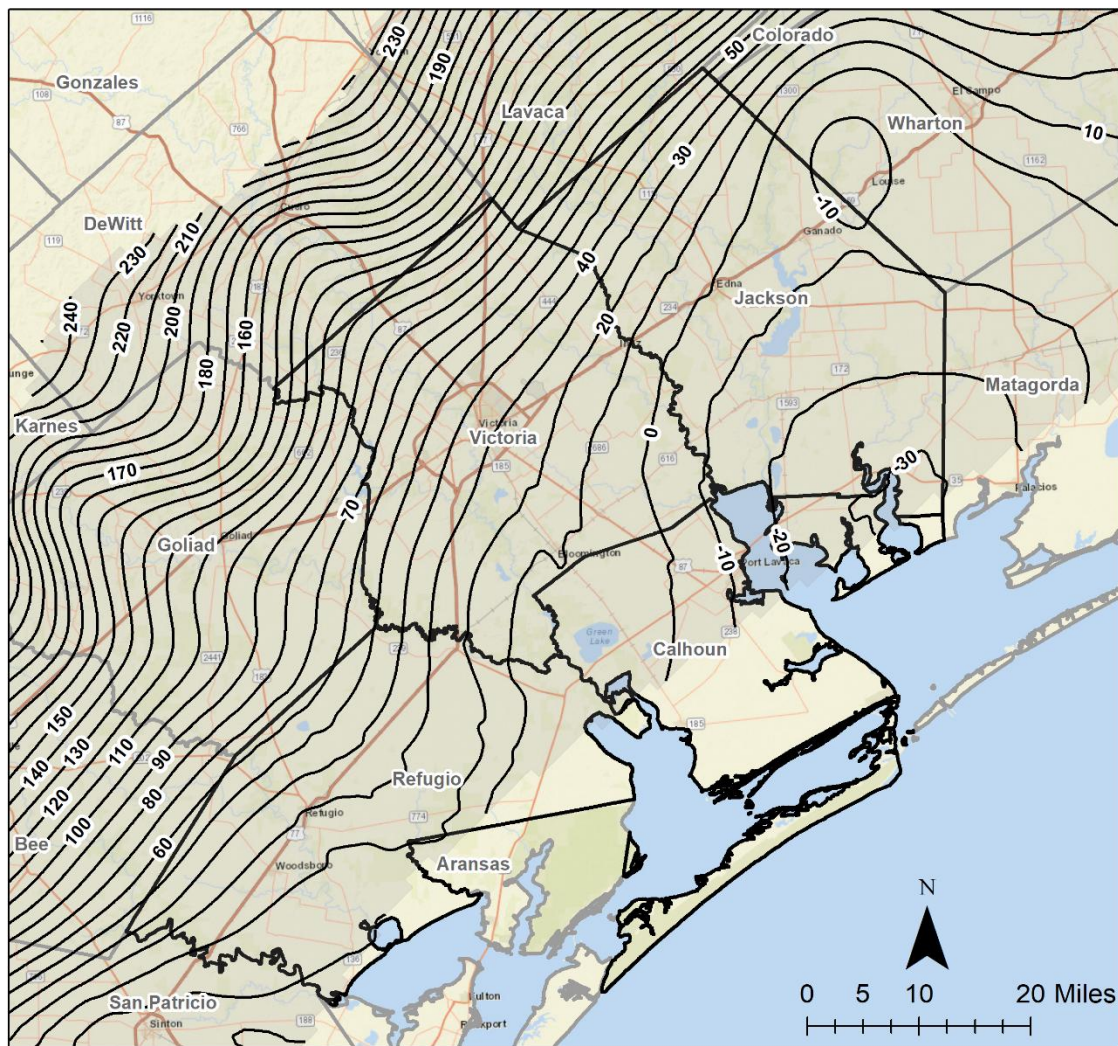
— Water Level (famsl)

□ Counties of Interest

□ Counties

Figure 9

Contours of the Water Levels Generated for the Evangeline Aquifer for the 2024 Analysis Year



Water Level (ft):
Evangeline, 2025 Analysis Year

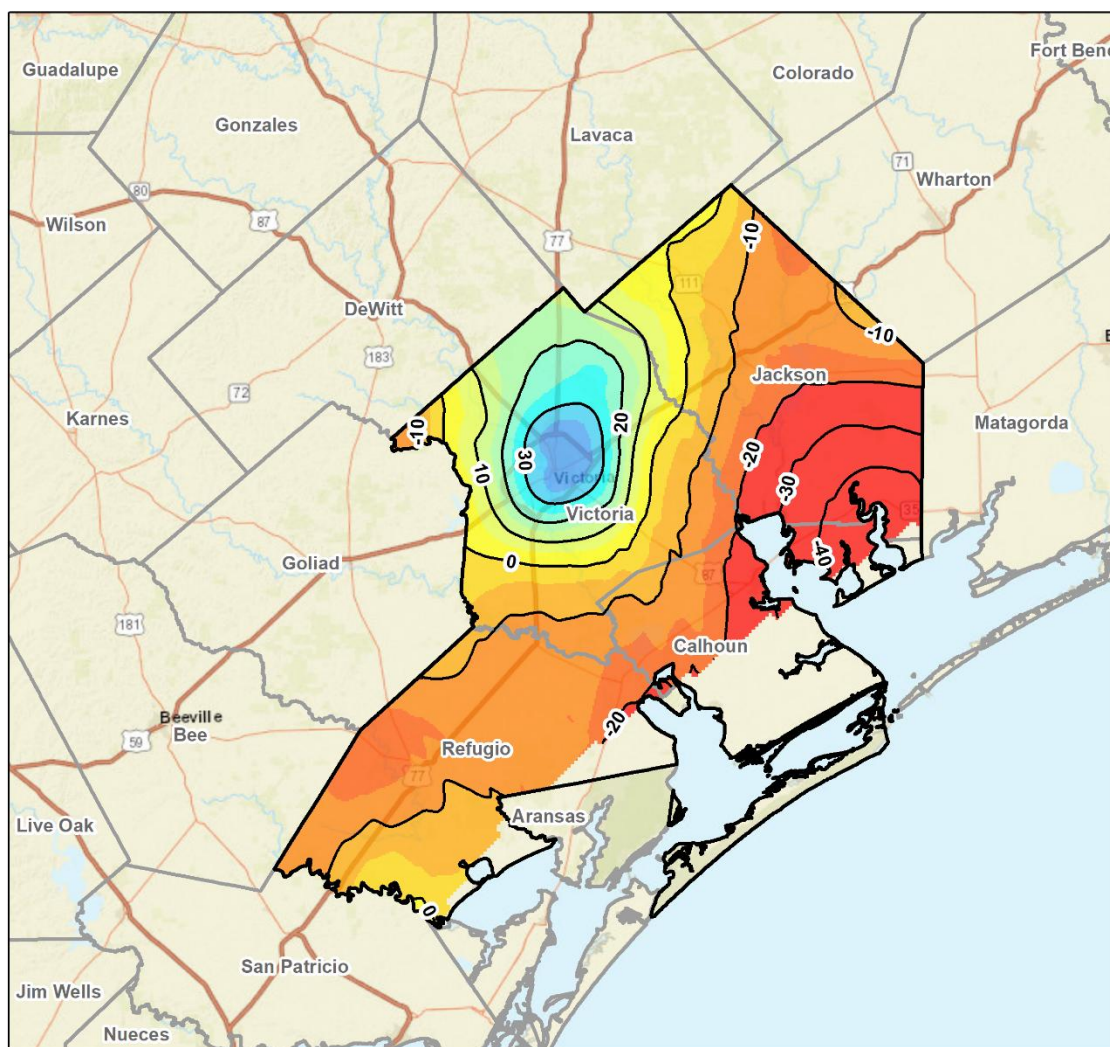
— Water Level (famsl)

□ Counties of Interest

□ Counties

Figure 10

Contours of the Water Levels Generated for the Evangeline Aquifer for the 2025 Analysis Year



**Change in Water Level (ft):
Evangeline 2000 Analysis Year - 2024 Analysis Year**

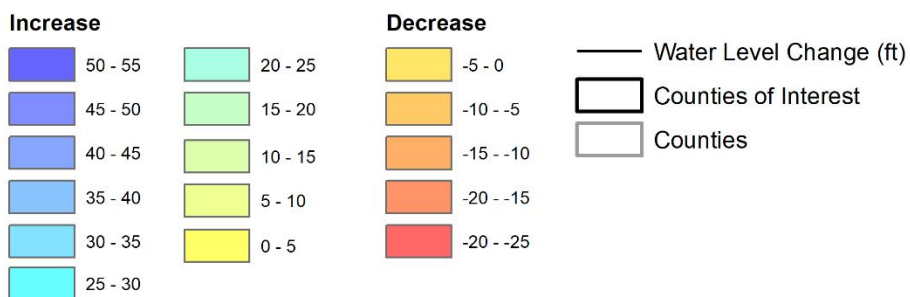
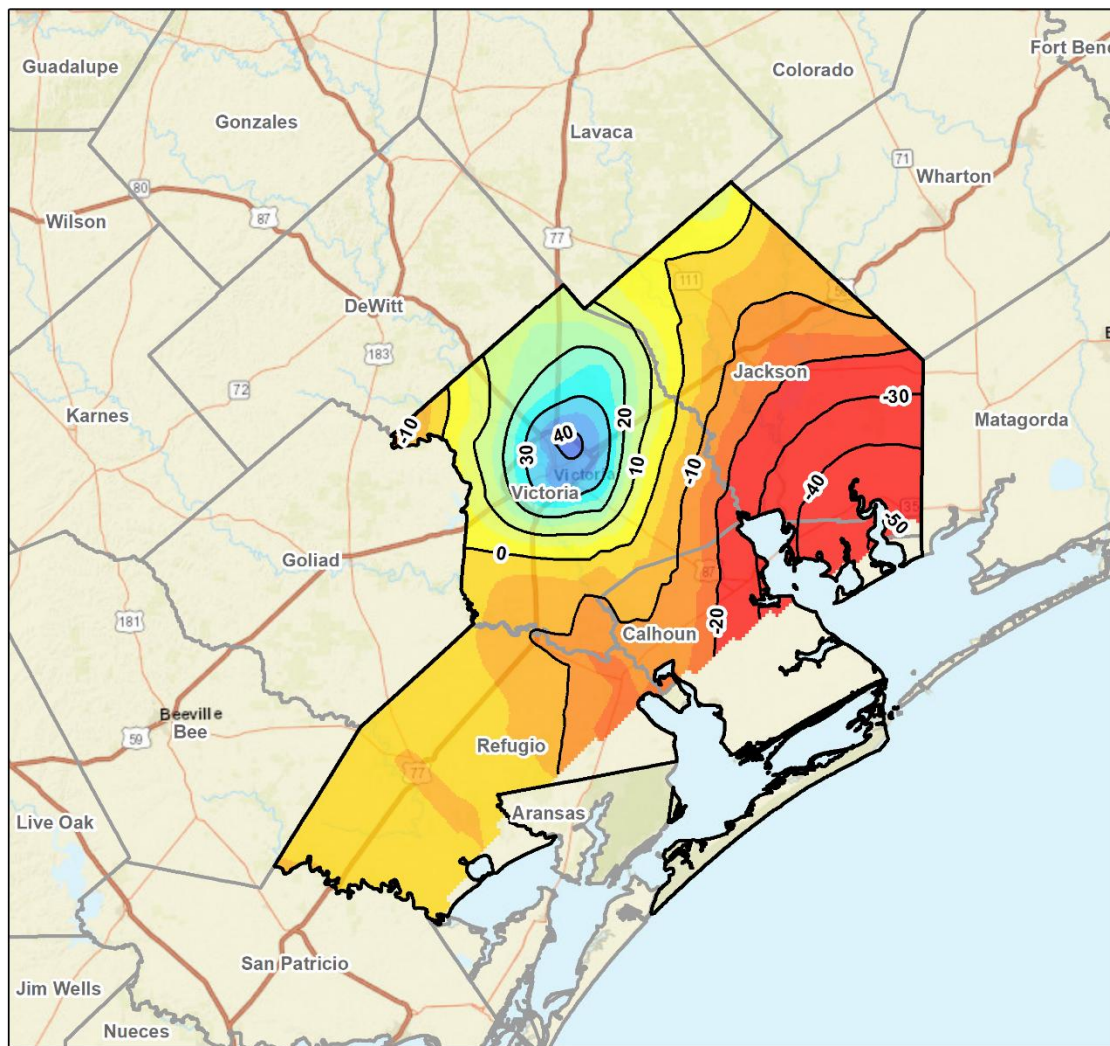


Figure 11 Contours of the change in water levels in the Evangeline Aquifer from the 2000 Analysis Year to the 2024 Analysis Year



**Change in Water Level (ft):
Evangeline 2000 Analysis Year - 2025 Analysis Year**

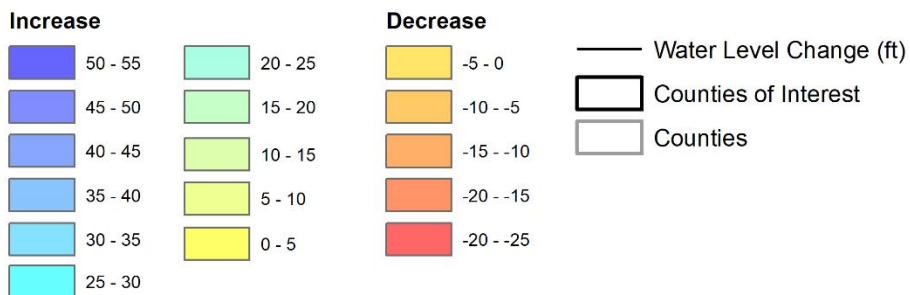


Figure 12 Contours of the change in water levels in the Evangeline Aquifer from the 2000 Analysis Year to the 2025 Analysis Year



Attachment B

Table of Water Levels Used in Analysis Years 2021 through 2025

Response to Questions of Concern

Table 1 was compiled and evaluated to investigate several questions regarding spatial patterns and magnitudes of water-level change observed in previous analyses. The review focused on measured data from Analysis Years 2021 through 2025 and assessed how monitoring density and model detrending may have influenced interpolated results.

Question 1

Why did the 2023 analysis show approximately 20 feet of decline in the Chicot Aquifer in Refugio County?

The mapped results for 2023 indicate an area of approximately 20 feet of decline in the Chicot Aquifer within Refugio County. Review of the measured water levels confirms that some wells in Refugio County exhibit a decreasing trend over recent years; however, the magnitude of measured decline does not fully support the extent of change shown on the interpolated surface.

This discrepancy is most likely attributable to the spatial and temporal distribution of pumping represented in the underlying GAM simulation used for detrending. Because the SSWL+KR method relies on residuals calculated relative to the smoothed simulated water-level surface, any misrepresentation of pumping patterns in the model can influence the magnitude and spatial expression of the kriged residuals. In areas with moderate monitoring density, localized residual patterns may amplify model-driven artifacts, resulting in contour magnitudes that exceed the observed well-level trends.

Question 2

Why are water-level declines observed in the Evangeline Aquifer near the intersection of Jackson and Calhoun Counties?

Evaluation of the compiled dataset indicates that no Evangeline water-level measurements were available in Calhoun County for any of the analysis years reviewed (2021–2025), and historical coverage in that aquifer has also been limited. Without direct monitoring control in Calhoun County, the SSWL+KR process cannot calculate local residuals to correct the regional trend represented by the smoothed GAM surface.

As a result, the interpolated water-level surface in this area is driven primarily by:

- The regional simulated trend from the GAM; and
- Residuals calculated from wells located in adjacent counties.

If pumping is inaccurately distributed within the model in this region, those errors are not effectively corrected in areas lacking monitoring wells. Consequently, the observed declines near the Jackson–Calhoun boundary likely reflect limitations in both monitoring density and pumping representation within the model rather than confirmed measured declines within Calhoun County itself.

Question 3

Why don't the rasters cover the southern half of Calhoun County for the Evangeline Aquifer?

The model does not simulate Evangeline Aquifer there so there is no data to detrend in these parts. See the water level contour figures in the above analysis. In light gray is the extent of each aquifer in the GAM.

Questions 4

Why were relatively large Evangeline changes observed in Calhoun County and in Jackson County in 2018?

These questions are addressed by the same underlying data limitation identified in Question 2.

- **Calhoun County:** No Evangeline monitoring wells were available to constrain the interpolation.
- **Jackson County:** Monitoring density was limited (approximately four wells during 2021–2025), resulting in sparse spatial control.

Where monitoring density is low, detrending and kriging are less able to correct for potential inaccuracies in the regional simulated pumping distribution. In these areas, interpolation artifacts and model-driven residual patterns may become more pronounced, leading to mapped changes that exceed what can be directly confirmed from measured data.



Table 1 List of Wells and Water Levels Used to Generate the Water Levels Surfaces for the Chicot and the Evangeline aquifers for Analysis Years 2021 through 2025.

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	7964701	3.3	1	5851373.017	18521824.54	Aransas	Chicot		7.1	1.1	2.3	-2.0
	8049702	6.6	1	5892009.945	18562939.8	Aransas	Chicot		3.7	2.0	1.7	1.0
Calhoun County GCD - GW-00001	8027302	16.4	1	5991911.186	18739720.36	Calhoun	Chicot				-6.1	-4.4
Calhoun County GCD - GW-00001		16.4	4	5991910.701	18739720.4	Calhoun	Chicot	-3.4	1.4	-5.3		
Calhoun County GCD - GW-00003		32.8	1	5962449.707	18724077.11	Calhoun	Chicot	16.3	21.5	17.9	17.5	16.3
Calhoun County GCD - GW-00005		16.4	1	6057654.554	18765891.28	Calhoun	Chicot	-11.7	-16.8	-17.1	-18.4	-19.4
Calhoun County GCD - GW-00009	8026501	36.1	4	5946727.647	18715821.74	Calhoun	Chicot	3.5	7.0	4.9		
Calhoun County GCD - GW-00009		36.1	1	5946667.866	18715854.35	Calhoun	Chicot				6.9	1.5
Calhoun County GCD - GW-00014	8019503	26.2	2	5978895.412	18761233.37	Calhoun	Chicot	8.4	10.0	5.7		
Calhoun County GCD - GW-00092		16.4	1	5980700.091	18703019.58	Calhoun	Chicot				-3.2	-3.2
Calhoun County GCD - NW-00024	8021512	16.4	1	6057948.556	18764966.73	Calhoun	Chicot				-19.8	-19.8
Calhoun County GCD - NW-00024		16.4	3	6057948.407	18764966.77	Calhoun	Chicot	-11.3	-17.4	-18.2		
Texana GCD - NW-00762		13.1	1	6066416.661	18767369.16	Calhoun	Chicot				-46.9	
	8019507	23.0	1	5980282.618	18763042.08	Calhoun	Chicot				3.4	
	8027302	16.4	6	5991911.186	18739720.36	Calhoun	Chicot	-3.4		-5.7		
	6614703	259.2	1	6072226.873	19170190.71	Colorado	Chicot	234.5	239.6	234.2	234.2	234.1
	6637607	160.8	1	6059602.652	19049939.81	Colorado	Chicot	123.4	121.8	122.7	122.7	122.4
	6637615	157.5	4	6061205.538	19042884.25	Colorado	Chicot	121.1	122.4	118.4		
	7931502	108.3	1	5817681.641	18716912.63	Goliad	Chicot	68.7	65.6	67.8	67.8	67.8
	7931702	98.4	1	5804062.066	18702007.88	Goliad	Chicot	75.1	75.5	74.7	74.7	73.9
	7937912	85.3	1	5759652.331	18657347.1	Goliad	Chicot	48.7	57.3	55.7	55.2	
	7937918	88.6	1	5762827.757	18658938.93	Goliad	Chicot	52.4	52.7	45.8	45.8	
	7938201	118.1	1	5781467.527	18692654.87	Goliad	Chicot	87.6	79.4	81.5	81.5	81.3
	7938202	101.7	1	5784027.609	18682705.42	Goliad	Chicot	71.2	69.2	71.7	71.7	70.2
	7938301	88.6	1	5796293.988	18684421.31	Goliad	Chicot	65.8	66.0	64.9	64.9	65.6
	7938303	101.7	179	5798699.968	18692195.75	Goliad	Chicot	76.3	76.3	75.3	75.1	75.0
	7938704	78.7	4	5766222.124	18658817.25	Goliad	Chicot	50.2	53.0	43.4		
	7939104	88.6	1	5805191.966	18692428.64	Goliad	Chicot	63.1	66.0	63.1	63.1	63.5
Texana GCD - GW-00090		9.8	1	6084103.509	18776239	Jackson	Chicot					-55.8
Texana GCD - GW-00091		9.8	1	6084719.212	18776461.57	Jackson	Chicot					-57.1
Texana GCD - GW-00119	8021214	23.0	1	6056887.325	18781847.63	Jackson	Chicot			-19.5		
Texana GCD - GW-00123	8021213	19.7	1	6058360.264	18783466.29	Jackson	Chicot			-24.6		

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
Texana GCD - GW-00244		59.1	1	6056319.623	18884717.68	Jackson	Chicot				42.9	34.4
Texana GCD - GW-00247		62.3	1	6053458.53	18888167.73	Jackson	Chicot				37.4	37.2
Texana GCD - GW-00251	6661809	62.3	2	6057434.527	18891432.4	Jackson	Chicot	33.2		34.2		
Texana GCD - GW-00251		62.3	1	6057434.394	18891432.56	Jackson	Chicot					33.3
Texana GCD - GW-00284	8011502	39.4	1	5981625.725	18819358.84	Jackson	Chicot					10.7
Texana GCD - GW-00284		39.4	1	5981885.275	18819449.22	Jackson	Chicot	11.4		11.4		
Texana GCD - GW-00285	8011201	49.2	2	5983004.154	18832654.55	Jackson	Chicot	14.2	17.4	16.2		
Texana GCD - GW-00291	8004504	49.2	1	6023006.661	18866156.51	Jackson	Chicot	11.0	14.8	23.2	20.5	21.1
Texana GCD - GW-00310		13.1	1	6060513.624	18783341.78	Jackson	Chicot			-29.0		
Texana GCD - GW-00311		13.1	1	6052577.917	18779638.67	Jackson	Chicot			-25.7		
Texana GCD - GW-00312		16.4	1	6054803.921	18782811.61	Jackson	Chicot			-21.8		
Texana GCD - GW-00320	8004101	65.6	2	6004036.506	18876903.41	Jackson	Chicot	40.4		36.7		
Texana GCD - GW-00410	802904	52.5	1	5952710.105	18847845.7	Jackson	Chicot	18.5		19.1		
Texana GCD - GW-00410		55.8	1	5952730.94	18847869.9	Jackson	Chicot				24.7	24.1
Texana GCD - GW-00411	8002608	59.1	4	5956995.414	18850095.31	Jackson	Chicot	25.1		25.3		
Texana GCD - GW-00411		59.1	1	5957013.705	18850090.8	Jackson	Chicot				24.2	26.3
Texana GCD - GW-00446		13.1	1	6088011.725	18774049.43	Jackson	Chicot		-34.0	-46.4	-49.4	
Texana GCD - GW-00566		45.9	1	6033295.104	18860439.37	Jackson	Chicot		34.7	31.3	33.3	30.0
Texana GCD - NW-00075	8022407	9.8	1	6086947.351	18776099.94	Jackson	Chicot					-55.6
Texana GCD - NW-00140		13.1	1	6087062.821	18775630.35	Jackson	Chicot					-52.6
Texana GCD - NW-00195		52.5	1	5963117.572	18850902.84	Jackson	Chicot	20.3	25.4	19.6		
Texana GCD - NW-00310		88.6	1	5955473.505	18902363.12	Jackson	Chicot	47.0	49.9	45.9	47.0	48.1
Texana GCD - NW-00451		13.1	1	6088067.115	18772901.36	Jackson	Chicot	-33.0	-32.3	-51.0	-51.0	
Texana GCD - NW-00487		9.8	6	6087813.442	18770099.55	Jackson	Chicot	-6.9		-9.0	-9.4	-7.4
Texana GCD - NW-00488		9.8	6	6087799.767	18770090.71	Jackson	Chicot				-60.3	-65.6
Texana GCD - NW-00489		6.6	6	6082613.047	18769810.71	Jackson	Chicot	-10.4		-12.7	-13.3	-10.7
Texana GCD - NW-00490		6.6	6	6082488.732	18769672.54	Jackson	Chicot	-39.7		-47.8	-59.5	-64.1
Texana GCD - NW-00491		9.8	6	6077158.575	18769296.97	Jackson	Chicot	-6.4		-8.6	-9.0	-8.2
Texana GCD - NW-00492		9.8	6	6077134.284	18769279.22	Jackson	Chicot	-34.0		-42.1	-52.6	-54.4
Texana GCD - NW-00750		29.5	1	6080324.928	18824730.22	Jackson	Chicot				-66.5	
Texana GCD - NW-00751		68.9	1	6062157.206	18895479.68	Jackson	Chicot				29.9	
Texana GCD - NW-00759		23.0	1	6095994.896	18810605.49	Jackson	Chicot				-47.0	
Texana GCD - NW-00760		16.4	1	6073447.701	18816567.06	Jackson	Chicot				-33.6	
Texana GCD - NW-00761		124.7	1	5962601.475	18949236.69	Jackson	Chicot				55.7	
Texana GCD - NW-00785		29.5	1	6056837.515	18788502.59	Jackson	Chicot				-12.5	
Texana GCD - NW-00786		59.1	1	5980828.882	18851941.48	Jackson	Chicot				-2.9	
	6658607	88.6	4	5955472.948	18902363.42	Jackson	Chicot	47.0		46.4		

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	8003405	52.5	2	5963117.343	18850902.72	Jackson	Chicot	20.3		19.6		
	8011502	39.4	2	5981625.725	18819358.84	Jackson	Chicot	11.4		11.4		
	8021616	9.8	2	6077160.066	18769298.17	Jackson	Chicot	-5.8		-7.3		
	8022410	9.8	2	6087810.707	18770096.46	Jackson	Chicot	-5.9		-9.5		
	8022412	6.6	2	6082612.561	18769810.37	Jackson	Chicot	-9.2		-10.6		
	6643704	137.8	1	5967240.228	18980535.75	Lavaca	Chicot	109.7	113.2	109.4	109.2	109.1
	6549901	55.8	6	6230061.499	18942351.78	Matagorda	Chicot		24.6	20.9	20.4	
	6557802	49.2	6	6219418.964	18899243.41	Matagorda	Chicot		-2.7	-15.4	-15.8	
	6664401	68.9	1	6160776.466	18906953.11	Matagorda	Chicot	-10.0	-13.1	-24.3	-24.3	
	8007203	52.5	183	6143994.133	18884507.04	Matagorda	Chicot	-17.2	-11.8	-41.7	-42.4	-33.8
	8007312	49.2	1	6152653.899	18877926	Matagorda	Chicot	-29.8	-22.2	-33.3		-36.2
	8008106	49.2	1	6159940.879	18877674.74	Matagorda	Chicot	34.2		34.2	34.9	33.6
	8008504	49.2	1	6176109.668	18872274.29	Matagorda	Chicot	0.0	-31.1	-44.2	-44.2	-43.4
	8008505	45.9	1	6172160.52	18871233.55	Matagorda	Chicot	42.2		40.5	42.4	39.8
	8014801	13.1	1	6102738.157	18800830.93	Matagorda	Chicot	-9.2	-3.6	-14.5	-17.6	-20.9
	8014903	9.8	4	6118841.322	18799150.3	Matagorda	Chicot		-31.6	-54.6	-63.4	
	8015301	26.2	6	6153771.251	18833134.28	Matagorda	Chicot		6.2	-1.5	-1.2	
	8015405	29.5	1	6130067.603	18816834.25	Matagorda	Chicot	-36.4		-38.2		-54.6
	8015502	19.7	6	6146809.079	18818624.39	Matagorda	Chicot	-38.1	-26.5	-36.1	-37.3	
	8024201	6.6	1	6180466.903	18784693.96	Matagorda	Chicot	-3.8	3.8	-4.4	-5.6	-3.5
	8024406	3.3	1	6167321.865	18771551.13	Matagorda	Chicot	-32.9	-28.4	-35.5	-37.5	-38.1
	8024601	3.3	1	6190489.65	18772919.87	Matagorda	Chicot					-8.8
	8024802	3.3	1	6180793.792	18765481.19	Matagorda	Chicot	-25.8	-26.6	-31.5	-34.2	-31.8
	8101102	49.2	1	6206145.409	18881248.16	Matagorda	Chicot				-46.0	
	8101205	32.8	6	6223727.844	18876224.6	Matagorda	Chicot		-24.0	-36.8	-37.6	
	8102404	29.5	1	6249975.431	18874671.68	Matagorda	Chicot	-19.6	-21.0	-26.9	-27.0	-27.3
	8102605	23.0	6	6276665.867	18870928.85	Matagorda	Chicot		-10.0	-14.5	-15.1	
	8102901	13.1	1	6267894.448	18847112.47	Matagorda	Chicot	-24.1	-23.2	-19.5	-18.7	-17.5
	8103406	26.2	1	6281487.122	18869263.76	Matagorda	Chicot	-13.8	-14.2	-14.0	-14.7	-13.8
	8111901	3.3	1	6318467.483	18810818.38	Matagorda	Chicot	-16.1	-16.5	-17.6	-17.9	-24.6
	8117405	3.3	1	6213794.743	18768895.57	Matagorda	Chicot	-20.6	-18.5	-22.5		-21.8
Refugio GCD - GW-00079	7954803	32.8	4	5788400.26	18565322.7	Refugio	Chicot			11.1		
Refugio GCD - GW-00079		32.8	1	5788400.544	18565322.23	Refugio	Chicot				12.4	9.9
Refugio GCD - GW-00152	7932803	75.5	2	5859118.467	18700082.36	Refugio	Chicot				42.6	
Refugio GCD - GW-00234	7932802	72.2	1	5869035.161	18706009.41	Refugio	Chicot	24.7	25.4	23.8	24.7	14.3
Refugio GCD - GW-00439	8033901	19.7	6	5915666.984	18651560.7	Refugio	Chicot	5.5		5.5		
Refugio GCD - GW-00439		19.7	1	5915671.437	18651595.75	Refugio	Chicot				6.0	5.2

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
Refugio GCD - NW-00474		82.0	1	5816148.317	18685825.82	Refugio	Chicot					50.7
Refugio GCD - NW-00539		29.5	1	5924352.26	18668867.35	Refugio	Chicot	4.5	5.9	3.4	3.5	3.6
Refugio GCD - NW-00570	8034709	23.0	1	5928362.769	18656774.27	Refugio	Chicot				-0.1	-0.3
Refugio GCD - NW-00570		23.0	4	5928363.346	18656773.92	Refugio	Chicot	0.4	3.5	-1.9		
Refugio GCD - NW-00672		68.9	1	5787015.581	18636971.96	Refugio	Chicot				13.6	
Refugio GCD - NW-00686		88.6	1	5770068.193	18633299.7	Refugio	Chicot				37.6	
Refugio GCD - NW-00690		39.4	1	5788241.63	18615869.45	Refugio	Chicot				4.4	
Refugio GCD - NW-00695		65.6	1	5785817.305	18649589.89	Refugio	Chicot				32.6	
Refugio GCD - NW-00696		29.5	1	5842864.979	18607719.92	Refugio	Chicot				-0.5	
Refugio GCD - NW-00697		62.3	1	5872955.093	18691167.14	Refugio	Chicot				0.3	
	8033611	29.5	6	5924354.516	18668876.37	Refugio	Chicot	4.5		3.9		
	8034709	23.0	6	5928362.769	18656774.27	Refugio	Chicot	0.4		-2.1		
	7960104	88.6	134	5698116.234	18550806.75	San Patricio	Chicot					63.0
	8303506	91.9	1	5672900.246	18492149.5	San Patricio	Chicot				23.7	23.7
Victoria County GCD - GW-000001		88.6	1	5865111.826	18799324.8	Victoria	Chicot					50.8
Victoria County GCD - GW-000021	6657801	124.7	6	5904636.096	18893727.26	Victoria	Chicot		85.8	82.0		
Victoria County GCD - GW-000021		124.7	1	5904613.228	18893776.14	Victoria	Chicot				85.6	
Victoria County GCD - GW-000138		128.0	1	5878025.893	18842542.95	Victoria	Chicot				48.4	46.8
Victoria County GCD - GW-000150	8010502	55.8	4	5943861.16	18806815.19	Victoria	Chicot	29.4	33.0	26.6		
Victoria County GCD - GW-000150		55.8	1	5943903.2	18806836.81	Victoria	Chicot					28.4
Victoria County GCD - GW-000158		187.0	1	5813419.576	18847271.27	Victoria	Chicot				111.5	109.1
Victoria County GCD - GW-000159		173.9	1	5815326.612	18847326.94	Victoria	Chicot				94.3	92.7
Victoria County GCD - GW-000192	8018103	52.5	6	5934175.219	18775580.34	Victoria	Chicot	23.1		24.1		
Victoria County GCD - GW-000192		52.5	1	5933986.071	18775735.18	Victoria	Chicot				24.4	24.4
Victoria County GCD - GW-000227		52.5	1	5933035.071	18775137.97	Victoria	Chicot				22.5	27.2
Victoria County GCD - GW-000271		114.8	1	5854399.848	18821200.07	Victoria	Chicot				65.9	51.7
Victoria County GCD - GW-000377	8002804	62.3	1	5944472.34	18844064.74	Victoria	Chicot	39.9	33.8	31.8	31.9	24.3
Victoria County GCD - GW-000489	8018402	55.8	4	5932192.858	18760855.67	Victoria	Chicot	22.8	24.6	21.8		
Victoria County GCD - GW-000489		55.8	1	5932162.674	18760778.02	Victoria	Chicot				22.6	22.2
Victoria County GCD - GW-000492		52.5	1	5890901.822	18714776.65	Victoria	Chicot				9.7	8.3
Victoria County GCD - GW-000544		91.9	1	5836822.759	18838077.27	Victoria	Chicot					57.2
Victoria County GCD - GW-000562		82.0	1	5932542.662	18866159.64	Victoria	Chicot				39.7	38.7
Victoria County GCD - GW-000583		23.0	1	5883277.419	18703750.62	Victoria	Chicot				16.7	
Victoria County GCD - GW-000587		134.5	1	5849141.864	18849421.15	Victoria	Chicot				71.5	77.5
Victoria County GCD - GW-000588		200.1	1	5793673.118	18826566.57	Victoria	Chicot					105.2
Victoria County GCD - GW-000606		183.7	1	5856867.428	18865149.39	Victoria	Chicot				91.0	
Victoria County GCD - GW-000607		108.3	1	5864683.974	18832525.08	Victoria	Chicot				59.9	59.0

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
Victoria County GCD - GW-000608	7915903	121.4	1	5834887.21	18789166.21	Victoria	Chicot	79.6	80.4	76.6	76.3	75.6
Victoria County GCD - GW-000609		98.4	1	5835360.258	18777848.87	Victoria	Chicot				63.0	59.3
Victoria County GCD - GW-000611	7924102	95.1	6	5853905.733	18772769.33	Victoria	Chicot		45.4	41.4		
Victoria County GCD - GW-000611		95.1	1	5853824.569	18772834.92	Victoria	Chicot				41.0	
Victoria County GCD - GW-000614		118.1	1	5908426.081	18875613.14	Victoria	Chicot					63.6
Victoria County GCD - GW-000735		118.1	1	5908451.641	18875581.07	Victoria	Chicot	56.4		48.6		73.7
Victoria County GCD - GW-000989		55.8	1	5922368.254	18777520.85	Victoria	Chicot				31.2	31.1
Victoria County GCD - NW-000779	8025402	62.3	1	5884446.006	18719892.1	Victoria	Chicot				16.6	16.1
Victoria County GCD - NW-000779		62.3	2	5884445.927	18719891.07	Victoria	Chicot	17.7		16.1		
Victoria County GCD - NW-001253		49.2	1	5932217.816	18774341	Victoria	Chicot				25.4	
	8025402	62.3	4	5884446.006	18719892.1	Victoria	Chicot	17.4		21.9		
	6541401	88.6	1	6198256.727	18995950.09	Wharton	Chicot	56.0	56.1	52.3	51.0	53.2
	6541402	82.0	1	6203539.476	18999077.92	Wharton	Chicot	33.9	34.2	30.9	29.8	31.6
	6541707	82.0	1	6205759.858	18989136.63	Wharton	Chicot	23.2	30.1	21.0		20.1
	6631107	154.2	182	6122179.874	19103703	Wharton	Chicot	114.6	120.1	99.5	102.1	104.3
	6631504	137.8	1	6132547.061	19085146.19	Wharton	Chicot	99.7	102.0	92.9	91.5	92.0
	6632809	118.1	1	6171485.592	19076993.61	Wharton	Chicot	72.3	72.9	69.9	68.9	69.9
	6638202	150.9	1	6093611.984	19053361.81	Wharton	Chicot	122.0	125.2	115.9	114.3	113.5
	6638304	150.9	1	6100084.854	19053365.73	Wharton	Chicot	110.9	112.5	109.0	108.1	106.3
	6638801	124.7	1	6097280.11	19031607.62	Wharton	Chicot	98.0	101.2	95.3	94.9	94.7
	6639106	144.4	38	6121378.25	19063400.46	Wharton	Chicot	91.5	94.0	82.7		
	6639801	111.5	1	6134553.263	19025937.14	Wharton	Chicot	72.0	79.9	67.4	67.4	67.1
	6640401	111.5	6	6155759.048	19049810.16	Wharton	Chicot	65.1	64.1	57.2	55.6	
	6640505	108.3	38	6168424.948	19053801.07	Wharton	Chicot	70.2	76.2	66.5		
	6645601	141.1	6	6065663.092	19003942.01	Wharton	Chicot	92.0	95.5	89.2	87.3	
	6645916	128.0	1	6070130.383	18986272.42	Wharton	Chicot	76.2	79.1	74.0	73.4	74.0
	6646201	141.1	1	6090538.293	19016977.77	Wharton	Chicot	92.2	97.1	91.3	91.3	91.3
	6646402	131.2	1	6083253.374	18996116.7	Wharton	Chicot	78.9	78.8	76.5	76.6	77.1
	6646601	128.0	1	6100968.889	19005917.5	Wharton	Chicot	81.0	85.6	79.3	79.1	79.4
	6647101	121.4	1	6121878.439	19007333.23	Wharton	Chicot	72.2	72.4	69.6	68.7	
	6647201	114.8	1	6131293.736	19013830.77	Wharton	Chicot	66.0	70.3	60.9	59.5	59.4
	6647703	108.3	1	6120387.622	18983595.31	Wharton	Chicot	74.6	77.9	73.7	74.4	
	6647904	95.1	1	6145183.102	18980517.7	Wharton	Chicot	36.5	43.1	31.1	31.1	
	6648502	91.9	6	6172114.129	19007159.5	Wharton	Chicot	74.3	77.3	72.0	71.5	
	6648701	95.1	6	6167462.346	18988671.46	Wharton	Chicot	61.7	64.6	60.9	60.8	
	6648802	91.9	1	6173494.703	18985747.34	Wharton	Chicot	53.0	54.7	51.0	50.8	51.2
	6648907	88.6	1	6193433.15	18980084.43	Wharton	Chicot	26.1	29.2	20.5	20.7	23.0

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	6648908	88.6	1	6191979.556	18983575.02	Wharton	Chicot	61.9	63.9	61.3	61.3	61.3
	6648909	88.6	1	6191979.556	18983575.02	Wharton	Chicot				22.5	24.6
	6652603	105.0	1	6029944.114	18953203.32	Wharton	Chicot	39.2	40.0	38.2	38.2	
	6653406	98.4	79	6036420.73	18950512.02	Wharton	Chicot	36.0	48.4	33.9	31.5	
	6653503	91.9	2	6058869.823	18948659.59	Wharton	Chicot	43.3	46.1	42.8		
	6653804	85.3	1	6051880.184	18929103.87	Wharton	Chicot	37.7	41.8	42.6	41.9	42.9
	6654108	98.4	1	6088646.644	18961475.3	Wharton	Chicot	51.0	55.6	48.2	47.5	47.5
	6654906	88.6	1	6112212.761	18932202.79	Wharton	Chicot	18.4	20.2	12.4	14.9	11.7
	6655603	82.0	6	6149516.077	18960305.59	Wharton	Chicot	65.4	73.6	63.3	62.7	
	6656302	85.3	1	6191165.679	18964413.37	Wharton	Chicot	0.0	15.1	7.9	6.0	15.8
	6656304	88.6	6	6189340.54	18978215.94	Wharton	Chicot		38.3	28.3	26.6	
	6656403	78.7	6	6157041.492	18950243.82	Wharton	Chicot	29.3	33.2	21.6	16.1	
	6661302	82.0	159	6066066.68	18923387.85	Wharton	Chicot	28.6	33.1	24.4	26.0	27.1
	6661305	78.7	1	6066476.616	18921680.66	Wharton	Chicot	36.0	41.9	35.1	35.1	36.2
	6662104	85.3	1	6088853.659	18923122.59	Wharton	Chicot	33.3	39.3	33.3	32.6	32.8
	6662307	85.3	1	6114430.596	18921650.54	Wharton	Chicot	57.2	60.6	58.0	58.0	58.2
	6662309	82.0	6	6110449.803	18916152.05	Wharton	Chicot	47.1	50.1	46.2	45.2	
	6662313	82.0	1	6109788.591	18928406.53	Wharton	Chicot	3.7		0.3	-0.2	-1.4
	6663105	78.7	1	6126817.093	18919743.76	Wharton	Chicot	0.0		60.5		61.4
	6663507	68.9	1	6131081.958	18906530.07	Wharton	Chicot	60.0	59.6	58.8	60.1	58.4
	6663509	62.3	1	6143136.039	18903525.44	Wharton	Chicot	-18.5	-13.1	-26.5	-27.0	-28.9
	7917801	498.7	4	5588244.058	18749581.47	Bee	Evangelina	433.4		433.9		
	7925506	357.6	1	5588531.994	18705815.3	Bee	Evangelina				315.9	314.6
	7934202	367.5	1	5622966.876	18682494.9	Bee	Evangelina				227.3	
	7934409	337.9	165	5611873.1	18666690.77	Bee	Evangelina				202.7	202.2
	7935101	259.2	1	5653850.936	18675987.78	Bee	Evangelina					192.1
	7935305	223.1	1	5678784.836	18682716.41	Bee	Evangelina	163.5	167.6	165.0	164.5	162.9
	7942213	272.3	1	5626138.388	18643518.71	Bee	Evangelina				201.1	199.2
	7942703	242.8	1	5613291.981	18608678.97	Bee	Evangelina				176.9	176.2
	7943903	134.5	1	5675083.986	18603841.03	Bee	Evangelina				86.3	
	7944103	150.9	1	5694551.945	18639705.47	Bee	Evangelina	94.7	103.9	96.6		94.2
	6612204	315.0	1	6006651.686	19197891.07	Colorado	Evangelina				279.2	278.8
	6612603	292.0	1	6017965.978	19175508.14	Colorado	Evangelina	201.4	203.0	200.6	200.6	200.7
	6619804	347.8	1	5971828.084	19115859.93	Colorado	Evangelina	278.7	280.2	276.0	274.9	277.5
	6619904	331.4	182	5980068.273	19120713.03	Colorado	Evangelina				187.9	188.2
	6620602	200.1	1	6018373.354	19139235.28	Colorado	Evangelina	152.7		145.1		142.9
	6620901	242.8	1	6021363.335	19116718.14	Colorado	Evangelina					171.4

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	6621603	232.9	1	6063695.902	19127747.32	Colorado	Evangeline	167.4	173.0	162.7	161.2	
	6622201	223.1	1	6086651.313	19149302.71	Colorado	Evangeline	182.6	192.6	181.9		180.0
	6626202	252.6	1	5926215.532	19095570.03	Colorado	Evangeline	199.8	207.8	198.7	198.7	
	6628702	249.3	1	6005623.182	19069861.89	Colorado	Evangeline	171.0	177.4	167.4	167.4	169.6
	6644702	137.8	1	6004466.608	18984090.16	Colorado	Evangeline	42.2	56.8	36.5	31.6	42.1
Pecan Valley GCD - PV-04114		272.3	2	5823932.366	18947025.39	DeWitt	Evangeline		176.6	226.3		
	6755606	262.5	1	5825873.241	18949665.14	DeWitt	Evangeline				217.1	216.9
	6755803	219.8	1	5813221.433	18924993.51	DeWitt	Evangeline				206.9	205.1
	6760905	318.2	2	5707380.304	18880588.7	DeWitt	Evangeline	249.4	238.4	231.7		
	6762404	262.5	6	5763216.587	18900796.04	DeWitt	Evangeline		217.5	210.0		
	6763703	187.0	1	5807430.478	18886276.33	DeWitt	Evangeline				122.6	118.8
	7905507	232.9	1	5745464.836	18851246.81	DeWitt	Evangeline				210.6	206.4
	7906206	239.5	1	5775930.765	18862246.15	DeWitt	Evangeline				171.9	
	7906306	229.7	1	5795317.061	18875270.1	DeWitt	Evangeline	150.7	153.6	150.7	149.6	148.3
	7906707	200.1	1	5769491.407	18842468.74	DeWitt	Evangeline	150.7	154.2	150.7	151.8	148.7
	7906708	216.5	1	5770808.023	18843107.1	DeWitt	Evangeline	151.1	156.2	150.6	151.2	149.3
	7906714	200.1	1	5769969.115	18841063.85	DeWitt	Evangeline		152.8	152.6	153.2	
	7907402	226.4	1	5805258.779	18857306.29	DeWitt	Evangeline			118.9	119.0	
Refugio GCD - NW-00692		108.3	1	5778636.897	18681961.45	Goliad	Evangeline				76.3	
	7905606	200.1	1	5748885.986	18846532.42	Goliad	Evangeline	182.9	181.1	178.2	176.8	178.3
	7905903	216.5	1	5758981.754	18836350.31	Goliad	Evangeline		166.2	164.2	163.0	163.1
	7905904	196.9	1	5759231.133	18837064.56	Goliad	Evangeline	171.0	173.1	169.5	168.8	168.5
	7905905	216.5	1	5758086.957	18836632.85	Goliad	Evangeline	165.0	165.3	163.7	162.4	162.4
	7905907	232.9	1	5759363.093	18835246.6	Goliad	Evangeline	165.5	168.5	164.6	163.1	162.8
	7905908	269.0	1	5756474.593	18833458.72	Goliad	Evangeline	186.5	192.1	188.2	187.3	
	7905909	255.9	1	5757738.031	18834115.57	Goliad	Evangeline	183.8	185.7	182.8	182.8	182.3
	7906706	219.8	1	5764635.626	18833854.54	Goliad	Evangeline	162.7	165.6	164.0	165.7	159.9
	7906715	239.5	1	5767659.38	18829981.4	Goliad	Evangeline	182.4	180.1	176.2	175.5	
	7912305	301.8	1	5716644.99	18819591.94	Goliad	Evangeline	215.5		212.4	211.5	210.3
	7912602	285.4	4	5713614.173	18800203.44	Goliad	Evangeline	187.9	187.2	184.7		
	7912704	265.7	4	5685566.058	18791702.1	Goliad	Evangeline	204.7		202.8		
	7913223	236.2	1	5744686.193	18817198.96	Goliad	Evangeline	190.0	183.9	180.7	181.4	180.0
	7913224	232.9	1	5742449.535	18817854.92	Goliad	Evangeline	220.3		214.7	214.0	212.3
	7913225	229.7	1	5742447.187	18817956.11	Goliad	Evangeline		182.6	178.1	175.9	174.5
	7913229	229.7	1	5739395.352	18819301.51	Goliad	Evangeline	172.0	177.4	169.0	167.9	169.0
	7913230	249.3	1	5734969.879	18822436.47	Goliad	Evangeline		173.1	169.8	168.1	167.3
	7913231	232.9	1	5743786.346	18817683.86	Goliad	Evangeline			215.9	215.3	213.4

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	7913304	242.8	1	5745429.62	18827230.67	Goliad	Evangeline	170.6	173.3	167.9	166.2	165.9
	7913507	282.2	1	5739647.837	18812226.32	Goliad	Evangeline	169.4		168.9	167.9	167.6
	7913510	282.2	1	5747120.15	18800463.58	Goliad	Evangeline			154.6	154.6	
	7913512	269.0	1	5743029.818	18812001.24	Goliad	Evangeline	169.8	171.2	165.1	165.1	163.9
	7913513	292.0	1	5745568.95	18801150.67	Goliad	Evangeline	161.5		158.0	156.3	154.8
	7913515	295.3	1	5738914.509	18813119.77	Goliad	Evangeline				165.3	
	7913803	255.9	1	5740711.821	18789289.08	Goliad	Evangeline		186.3	186.9	186.2	185.9
	7913804	242.8	1	5741490.594	18790217.47	Goliad	Evangeline			144.5	142.7	143.2
	7913805	288.7	1	5747159.404	18791158.46	Goliad	Evangeline	195.5	191.0	193.5	194.2	191.7
	7913806	236.2	1	5742412.123	18788822.72	Goliad	Evangeline	152.9		149.0	147.9	148.0
	7913807	269.0	1	5743394.441	18788643.19	Goliad	Evangeline		183.1	188.5	188.6	186.9
	7913808	255.9	1	5743911.221	18789363.27	Goliad	Evangeline	152.5		149.0	147.8	147.4
	7913809	252.6	1	5742383.99	18790035.86	Goliad	Evangeline			151.8	150.0	149.9
	7913810	265.7	1	5742989.677	18790757.96	Goliad	Evangeline	189.9	183.3	189.3	189.7	187.6
	7913811	229.7	1	5740608.938	18789893.58	Goliad	Evangeline	184.9	180.3	183.5	183.0	182.2
	7913813	272.3	1	5745012.457	18791715.33	Goliad	Evangeline	190.6	189.6	189.5	189.6	188.0
	7914105	187.0	1	5771106.461	18823513.8	Goliad	Evangeline				147.1	
	7914203	170.6	1	5784394.855	18817538.36	Goliad	Evangeline	122.6	124.1	119.7	117.9	
	7914604	200.1	1	5795259.877	18805352.25	Goliad	Evangeline				108.3	
	7914903	200.1	1	5789282.857	18791118.18	Goliad	Evangeline				124.1	
	7915401	177.2	1	5806221.318	18808163.77	Goliad	Evangeline	99.0	91.9	98.8	98.1	
	7915402	187.0	1	5801194.044	18807886.66	Goliad	Evangeline				101.2	
	7915702	141.1	1	5812434.957	18794359.83	Goliad	Evangeline	89.4	88.8	87.3	86.4	
	7919511	239.5	1	5665504.156	18764155.13	Goliad	Evangeline				179.4	
	7920305	226.4	1	5712262.325	18773166.62	Goliad	Evangeline				150.6	
	7920704	229.7	4	5687643.797	18751734.84	Goliad	Evangeline		164.0	164.9		
	7920705	259.2	4	5683861.494	18747447.98	Goliad	Evangeline		171.2	170.3		
	7921307	206.7	1	5761017.143	18776716.42	Goliad	Evangeline	132.4	135.4	129.1	129.7	
	7921503	236.2	1	5740937.398	18762239.44	Goliad	Evangeline				121.6	
	7921607	190.3	1	5757904.887	18757829.63	Goliad	Evangeline				114.5	
	7921608	196.9	1	5757544.935	18758147.82	Goliad	Evangeline				139.2	
	7922508	154.2	1	5777868.449	18764071.85	Goliad	Evangeline	96.9	95.7	93.6	92.1	
	7922604	147.6	1	5797946.873	18760659.66	Goliad	Evangeline				78.6	82.8
	7923703	114.8	1	5810803.645	18745730.32	Goliad	Evangeline				73.8	73.8
	7927202	305.1	1	5666978.766	18733759.33	Goliad	Evangeline	213.1		212.9	213.2	211.8
	7928302	213.3	1	5722141.731	18726055.36	Goliad	Evangeline	132.6	136.0	132.3	131.9	131.8
	7928303	223.1	1	5719192.545	18726090	Goliad	Evangeline	133.5	126.5	132.3	131.9	

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	7928304	236.2	1	5719471.553	18728574.06	Goliad	Evangeline	127.4	126.6	125.7	124.9	124.9
	7929302	177.2	1	5751915.51	18724863.04	Goliad	Evangeline				88.9	93.2
	7930301	114.8	1	5802056.693	18732501.08	Goliad	Evangeline	73.2	69.8	70.4	69.7	70.6
	7937911	82.0	1	5758933.945	18657532.41	Goliad	Evangeline	45.4	51.9	45.4	44.9	
	7937919	85.3	1	5762208.125	18658722.04	Goliad	Evangeline	43.2	45.1	45.4	45.4	
	7938706	75.5	1	5765836.16	18656280.12	Goliad	Evangeline	50.9	48.8	47.4	47.4	
Texana GCD - GW-00278	6660613	62.3	2	6033810.071	18897966.46	Jackson	Evangeline	12.5		20.0		
Texana GCD - GW-00278		62.3	1	6033784.059	18897992.71	Jackson	Evangeline				-8.2	-5.5
Texana GCD - GW-00294	6651505	124.7	2	5977947.093	18956868.8	Jackson	Evangeline	45.3	55.4	44.2		
Texana GCD - GW-00444		13.1	1	6088356.45	18774052.25	Jackson	Evangeline		-33.4	-40.9	-48.5	-55.1
	6633905	210.0	1	5908114.458	19023554.2	Lavaca	Evangeline				169.0	168.5
	6634201	193.6	1	5933719.186	19049932.98	Lavaca	Evangeline	169.9	174.4	169.6	170.1	169.4
	6634202	206.7	1	5931836.103	19049189.45	Lavaca	Evangeline	172.6		171.5	171.4	171.0
	6634207	226.4	1	5939639.746	19054849.36	Lavaca	Evangeline	176.1	177.5	174.9	174.8	173.4
	6635901	210.0	1	5981361.693	19025695.66	Lavaca	Evangeline	142.8		141.1	140.4	141.8
	6641203	223.1	1	5890038.379	19014343.34	Lavaca	Evangeline	176.2	184.7	175.5	175.5	175.3
	6641703	219.8	1	5878642.034	18972449.62	Lavaca	Evangeline	152.7	154.8	151.6	151.2	151.4
	6641903	206.7	1	5909797.01	18973925.52	Lavaca	Evangeline	120.2	118.8	118.9	118.2	119.7
	6643801	150.9	1	5978943.028	18980688.91	Lavaca	Evangeline					64.2
	6643803	150.9	1	5978121.568	18980556.94	Lavaca	Evangeline	58.2	68.5	53.6	51.2	57.7
	6644402	160.8	1	5996118.753	18999623.99	Lavaca	Evangeline	71.8	88.5	59.2	59.2	
	6649701	170.6	1	5887970.644	18936520.58	Lavaca	Evangeline	117.1	118.2	117.3	117.6	117.6
	6649901	170.6	1	5905505.203	18939146.01	Lavaca	Evangeline	105.1	105.2	108.6	108.7	108.7
	6740301	278.9	1	5872546.276	19054023.88	Lavaca	Evangeline	264.4	272.1	265.3	265.3	264.4
	6740504	351.0	4	5857247.286	19040850.76	Lavaca	Evangeline	279.0	289.9	278.1		
	8007102	55.8	1	6121250.178	18880083.72	Matagorda	Evangeline	17.5	25.5	17.6	14.9	11.3
Refugio GCD - GW-00124	7931901	85.3	2	5840659.786	18703644.83	Refugio	Evangeline	46.6	54.5	43.6		
Refugio GCD - NW-00691		82.0	1	5778904.002	18663205.12	Refugio	Evangeline				49.0	
	7957608	131.2	1	5603508.017	18533335.32	San Patricio	Evangeline				82.6	78.2
	7958201	157.5	1	5622727.348	18545099.39	San Patricio	Evangeline				72.5	71.6
Victoria County GCD - GW-000047	7916102	124.7	2	5840900.711	18831506.51	Victoria	Evangeline	68.7	75.1	70.6		
Victoria County GCD - GW-000047		124.7	1	5840867.308	18831536.7	Victoria	Evangeline					68.1
Victoria County GCD - GW-000158	7907504	183.7	6	5813410.536	18847292.74	Victoria	Evangeline	113.5		107.0		
Victoria County GCD - GW-000321	8017502	65.6	183	5898363.869	18763672.73	Victoria	Evangeline	33.2		32.6	32.1	32.0
Victoria County GCD - GW-000339	6657406	180.4	2	5882490.042	18902628.4	Victoria	Evangeline	86.0	90.3	82.0		
Victoria County GCD - GW-000366	8002102	91.9	1	5925448.322	18869724.66	Victoria	Evangeline	35.4		35.5	37.4	36.1
Victoria County GCD - GW-000494	7915305	177.2	6	5833240.564	18825440.9	Victoria	Evangeline	71.9	85.3	83.5		

GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
Victoria County GCD - GW-000494		173.9	1	5833206.571	18825404.96	Victoria	Evangeline				80.2	67.4
Victoria County GCD - GW-000552	7907505	157.5	4	5820506.333	18847573.79	Victoria	Evangeline	97.5	98.7	93.0		
Victoria County GCD - GW-000552		160.8	1	5820536.5	18847614.23	Victoria	Evangeline				95.4	95.1
Victoria County GCD - GW-000577	7908404	144.4	1	5848863.919	18849621.77	Victoria	Evangeline	87.4	95.3	91.9	88.9	87.8
Victoria County GCD - GW-000578	7908403	134.5	1	5848780.437	18849417.07	Victoria	Evangeline	88.0	94.0	87.1	87.1	85.1
Victoria County GCD - GW-000589	7908807	108.3	1	5856941.199	18836277.76	Victoria	Evangeline	62.4	79.0	62.5	59.9	
Victoria County GCD - GW-000601	7916702	101.7	2	5853390.534	18795717.78	Victoria	Evangeline	55.7	56.9	69.5		
Victoria County GCD - GW-000601		101.7	1	5853385.148	18795787.81	Victoria	Evangeline				69.5	
Victoria County GCD - GW-000602	7916701	101.7	1	5853411.826	18794909.15	Victoria	Evangeline	56.2	60.2	53.4	53.4	55.7
Victoria County GCD - GW-000603	7916703	105.0	1	5853471.277	18794009.97	Victoria	Evangeline	56.6		49.6		
Victoria County GCD - GW-000603		105.0	1	5853471.277	18794009.97	Victoria	Evangeline				49.6	56.3
Victoria County GCD - GW-000606	7908201	183.7	4	5856888.131	18865110.88	Victoria	Evangeline	92.2		90.9		
Victoria County GCD - GW-000607	7908805	108.3	6	5864678.96	18832537.48	Victoria	Evangeline	58.3	62.5	58.8		
Victoria County GCD - GW-000609	7923303	98.4	6	5835357.168	18777848.91	Victoria	Evangeline	63.7	62.6	61.5		
Victoria County GCD - GW-000614	8001301	118.1	2	5908423.048	18875619.63	Victoria	Evangeline	43.8		57.5		
Victoria County GCD - GW-000778		91.9	1	5924953.02	18871339.72	Victoria	Evangeline			37.9		
Victoria County GCD - NW-000016	7907503	170.6	4	5813866.971	18846798.37	Victoria	Evangeline	102.5		97.6		
Victoria County GCD - NW-000016		170.6	1	5813867.202	18846798.33	Victoria	Evangeline				92.8	102.7
Victoria County GCD - NW-000097	7907707	183.7	2	5804088.79	18840179.6	Victoria	Evangeline			102.2		
Victoria County GCD - NW-000426	7907404	229.7	1	5809823.691	18848720.06	Victoria	Evangeline	101.2		98.7	100.6	
	7916603	62.3	1	5875662.766	18807338.17	Victoria	Evangeline				6.9	13.6
	6654622	98.4	1	6108756.769	18955871.73	Wharton	Evangeline				20.5	22.8
	6663610	68.9	1	6154729.457	18909654.1	Wharton	Evangeline	-19.2		-22.4	-25.1	-30.4