Victoria County Groundwater Conservation District
Meeting Notice and Agenda

Notice is hereby given in accordance with the Open Meetings Act, Chapter 551, Government Code and Section 36.064 of the Texas Water Code that the Victoria County Groundwater Conservation District Board of Directors will hold a meeting on April 10, 2026, at 9:00 AM at the Crossroads Plaza, Ste 104, 1501 E. Mockingbird Lane, Victoria, Texas.

AGENDA

1. Call the meeting to order and welcome guests.
2. Receive public comments.
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.
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.
5. Consideration of and possible action on matters related to groundwater monitoring.
6. Consideration of and possible action on matters related to groundwater conservation.
7. Consideration of and possible action on matters related to groundwater resource planning including Groundwater Management Area 15 Joint Planning, proposed amended desired future conditions, and regional water planning.
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 draft revisions.
9. Consideration of and possible action on matters related to administration and management including the minutes of previous meetings, amendments to 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.
    a. Request of support for "A Victoria" LLC application regarding the Calhoun – Victoria Foreign Trade Zone No. 155
10. Consideration of and possible action on matters related to legal counsel report.
11. Adjourn.

The Victoria County Groundwater Conservation District may close the meeting, if necessary, to conduct private consultation with legal counsel regarding matters protected by the attorney-client privilege pursuant to Section 551.071 of the Government Code or to discuss matters regarding personnel pursuant to Section 551.074 of the Government Code. The Victoria County Groundwater Conservation District will return to open meeting, if necessary, to take any action deemed necessary based on discussion in closed meeting pursuant to Section 551.102 of the Government Code.

In Accordance with Title III of the Americans with Disabilities Act, we invite all attendees to advise us of any special accommodations due to disability. Please submit your request as far as possible in advance of event you wish to attend.

DRAFT TECHNICAL MEMORANDUM

Project No. US0047497.6343

DATE March 10, 2026

TO Mr. Tim Andruss
Victoria County Groundwater Conservation District

FROM WSP USA Inc. (WSP)

EVALUATION OF SERENE DRIVE AREA DOMESTIC-USE WATER QUALITY

1.0 INTRODUCTION

WSP USA Inc. (WSP) (previously Pastor, Behling & Wheeler, LLC (PBW)) has reviewed the additional groundwater quality data collected since June 2017 from domestic-use water wells in the Serene Drive area of Victoria County, Texas. This technical memorandum summarizes the updated geochemical analyses completed to evaluate and interpret elevated salinity in groundwater at the Serene Drive area. In addition, recommendations for additional sampling and research are included.

2.0 BACKGROUND

In 2014, the Victoria County Groundwater Conservation District (VCGCD), in response to reports from water well drillers of potential groundwater contamination, requested that PBW conduct a preliminary evaluation of groundwater conditions in the Serene Drive area of Victoria County, Texas. The conclusions of PBW's review and research were the following (PBW, 2014):

- Total dissolved solids (TDS), chloride (Cl), and other constituents measured in groundwater samples from domestic-use water wells in the Serene Drive area were reported at elevated concentrations relative to the naturally occurring (background) concentrations of those constituents in the Victoria County region of the Gulf Coast Aquifer.
- The data were not available to either confirm the presence of significantly elevated salinity or indicate the source of the elevated salinity, if present.
- PBW recommended a preliminary groundwater investigation be performed to form a scientific basis for the presence and/or source of the salinity. This included additional groundwater sampling from a subset of wells at the Serene Drive area for a wider range of constituents.

In 2017, PBW conducted an additional review of the groundwater quality data collected as part of the preliminary groundwater investigation conducted by the VCGCD. The conclusions of PBW's review and research were the following (PBW, 2017):

- TDS, chloride, and other constituents measured in groundwater samples continued to be reported at elevated concentrations relative to the naturally occurring (background) concentrations of those constituents in the Victoria County region of the Gulf Coast Aquifer.
- Mercury (Hg), arsenic (As), and selenium (Se) were also measured in groundwater samples from the Serene Drive area at concentrations that exceeded the maximum contaminant levels (MCLs) promulgated by the Environmental Protection Agency (EPA).

- The source of these elevated concentrations was not known, and the existing data were not sufficient to rule out the potential that historic oil and gas exploration and production activities have impacted groundwater quality in the Serene Drive area.
- Additional sampling and research were recommended to continue to evaluate the locations and depths of the elevated salinity in groundwater and the source of elevated salinity.

3.0 GEOCHEMICAL ANALYSIS

As discussed in PBW's 2014 Report for the VCGCD, groundwater salinization can arise from multiple natural and anthropogenic sources, including natural saline groundwater, halite dissolution, seawater intrusion, and oilfield/deep-basin brines (PBW, 2014). Distinguishing among sources after mixing has occurred requires combining conservative tracers, diagnostic ratios, and graphical and statistical tools. WSP followed similar methodologies summarized in Richter and Kreitler's 1991 Report, which emphasizes the analysis of conservative ions (notably chloride and bromide (Br)), diagnostic constituent ratios (e.g., Br/Cl, sodium (Na)/Cl, iodide (I)/Cl, calcium (Ca)/Cl), and graphical methods (e.g., Piper/Stiff diagrams and bivariate ratio plots) to evaluate salinity sources and mixing trends (Richter and Kreitler, 1991).

Table 1 provides a summary of the groundwater data collected to date from domestic-use water wells in the Serene Drive area. Figure 1 displays the domestic-use water well locations, oil/gas/injection wells within a 0.5-mile radius of the Serene Drive area, and the approximate locations of historic impoundments observed in a 1958 aerial of the area.

TDS concentrations for groundwater samples collected from water wells at the Serene Drive area have ranged from 420 mg/L to 25,580 mg/L, and chloride concentrations have ranged from 41 mg/L to 16,000 mg/L. Figures showing the lateral distribution of TDS and chloride concentrations for groundwater samples collected from water wells at the Serene Drive area are provided as Figures 2 and 3, respectively.

The Environmental Protection Agency's (EPA) Secondary Maximum Contaminant Level (SMCL) is 1,000 mg/L for TDS and 300 mg/L for chloride. The SMCLs are not enforceable and are established only as a guideline to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at or below the SMCL. The wells with the highest concentrations of TDS and chloride in the Serene Drive area are summarized in the table below, along with their TDS and chloride data.

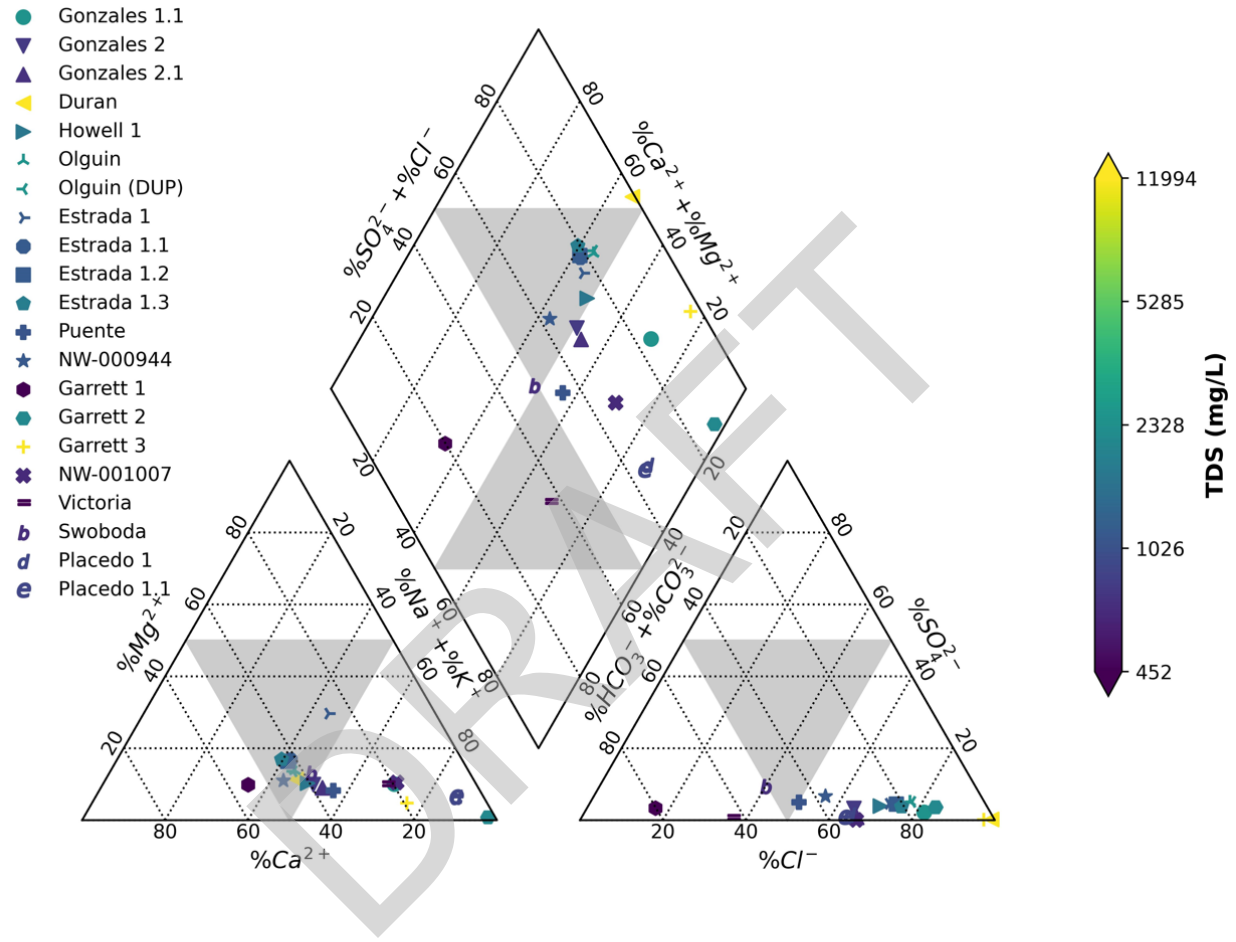
Property/Well Owner	Well ID	Property Address	Total Depth of Well (ft bgs)[1]	Screened Interval (ft bgs)	Sample ID	Sample Date	Total Dissolved Solids (mg/L)[2]	Chloride (mg/L)
Olguin (Duplicate)	NW-000444	3551 FM 616	280	259-269	NW-000444-20140321-2	3/21/2014	2430	738
Gonzales	UW-000032	313 Serene Dr.	164	100-160	UW-000032-20161014	10/14/2016	2444	953
Garrett	GW-000969	3139 FM 616	160	Unknown	GW-000969-20170606	6/6/2017	2112	1051
Gonzales	UW-000032	313 Serene Dr.	164	100-160	UW-000032-20160915	9/15/2016	3350	1225
Gonzales	NW-001006 (UW-000032)	313 Serene Dr.	160	100-160	NW-001006-20160620	6/20/2016	6715	4752
Garrett	GW-000970	3139 FM 616	150	Unknown	GW-000970-20170606	6/6/2017	11994	6022
Duran	UW-000034	258 Serene Dr.	~150	Unknown	UW-000034-20161215	12/15/2016	25580	16000

Notes:

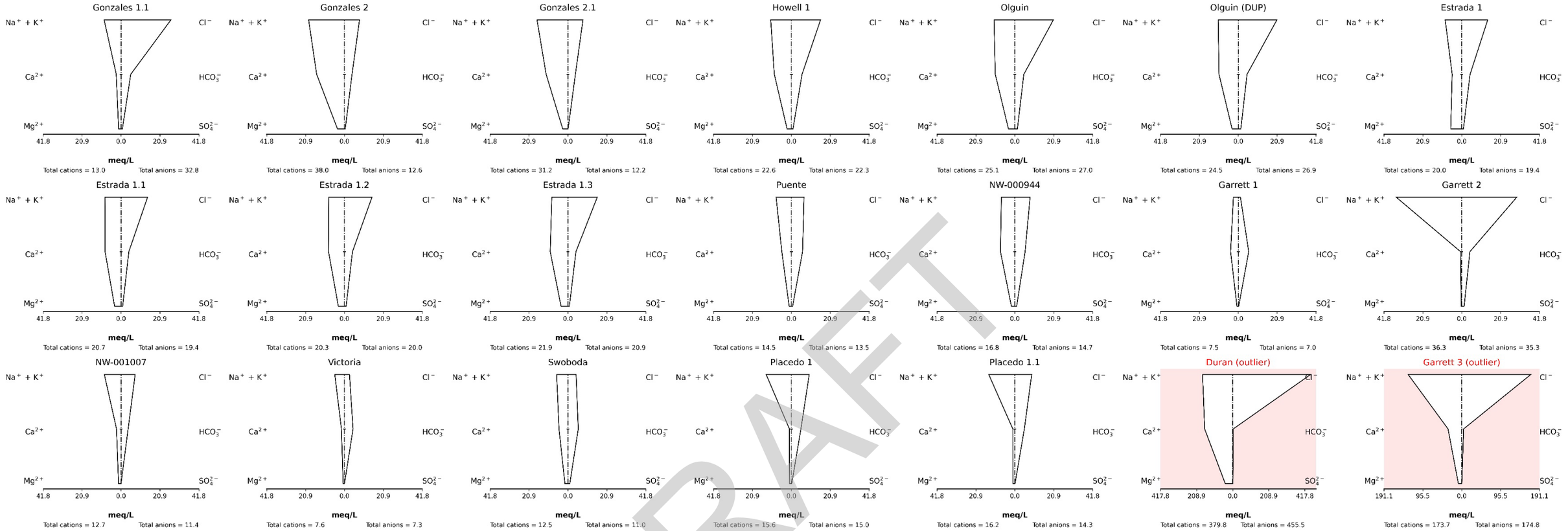
1) ft bgs – feet below ground surface
2) mg/L – milligrams per liter

3.1 Hydrogeochemical Facies

Piper diagrams were reevaluated with the additional groundwater sample data collected since June 2017. The Piper diagrams continued to indicate that many Serene Drive area groundwater samples are chloride-dominated and plot within or trend toward Na/Cl enriched water. Higher TDS samples cluster closer to the Na/Cl endmember, consistent with increased mixing with a saline source (see below diagram).



Stiff diagrams were also reevaluated with the additional groundwater data collected since June 2017. The Stiff diagrams indicate that groundwater samples from the Serene Drive area continue to exhibit chloride-dominated anion composition with cation chemistry ranging from Na/Cl to mixed Na/Ca/Cl signatures. Several samples share ionic distributions (i.e. shape) but differ in magnitude, consistent with mixing/dilution of a chloride-rich saline endmember with lower-salinity groundwater. The most saline groundwater samples exhibit large Na/Cl to Na/Ca/Cl polygons, while deeper wells show comparatively lower magnitude and, in some cases, greater bicarbonate contribution. This indicates an interval-specific salinity impact rather than a uniform regional depth-to-salinity trend.



Note:

1. Stiff diagrams are interpreted qualitatively. If major anions/cation data were not collected for certain samples, polygon shape may not fully represent total ionic composition.

3.2 Bivariate Plots

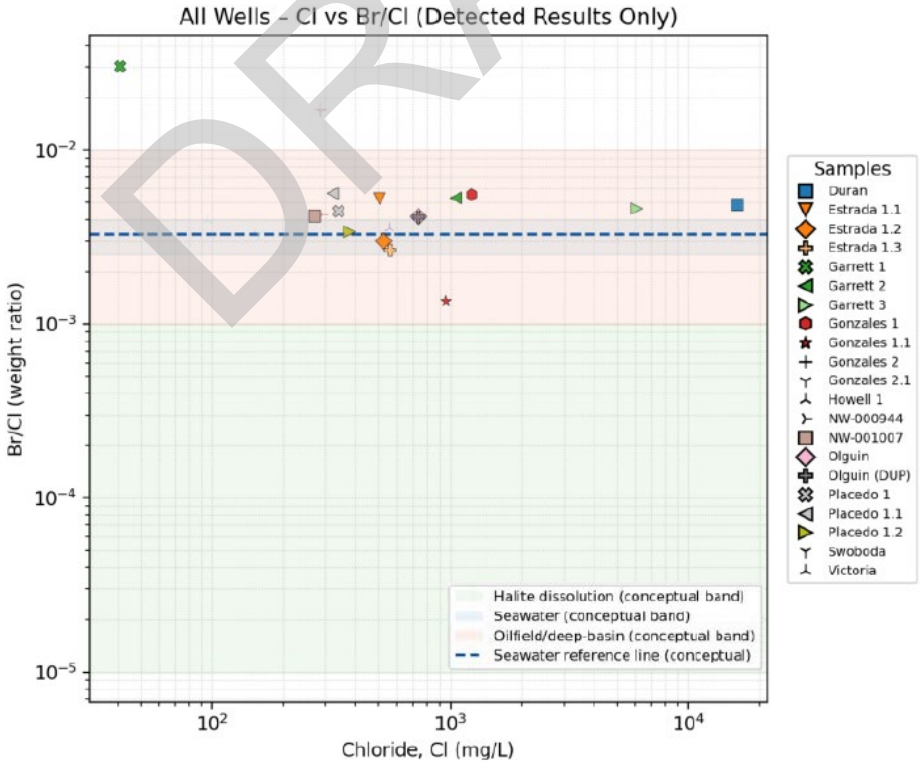
Ion concentrations alone (e.g., TDS or chloride) indicate the magnitude of salinity but do not reliably identify its source, particularly where waters have undergone mixing. Multiple salinity sources can produce elevated TDS and chloride. As documented by Richter and Kreitler (1991), bivariate plots of major ions and tracer ratios can provide a means of distinguishing among salinity sources, as they preserve relative chemical signatures during mixing. Accordingly, bivariate plots were prepared to evaluate salinity patterns and assess salinity signatures with depth.

The following weighted ratios were evaluated based on the available dataset:

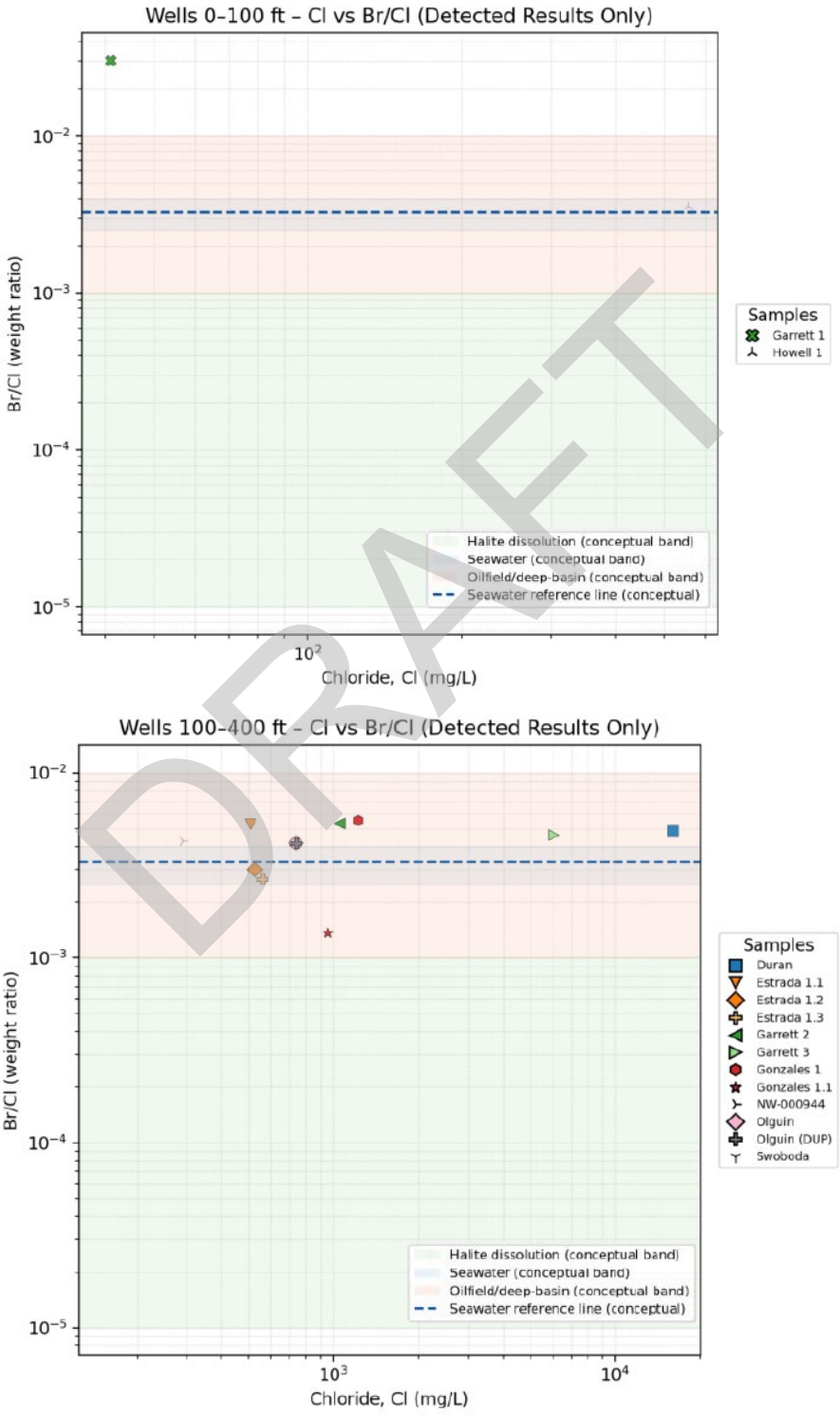
- Br/Cl: Bromide and chloride are typically conservative tracers. Br/Cl is a primary discriminator between halite dissolution (low Br/Cl) and oilfield/deep-basin brines (elevated Br/Cl).
- Na/Cl: To evaluate NaCl behavior. In oilfield/deep-basin brines, Na may be depleted relative to Cl due to ion exchange and interaction with bounding units.
- I/Cl: Iodide can be enriched in oilfield/deep-basin brines. I/Cl can provide supplementary discrimination, particularly at higher chloride concentrations.
- Ca/Cl: To assesses calcium enrichment relative to chloride, which can indicate Ca-Cl enriched oilfield/deep-basin brines and/or ion-exchange processes.

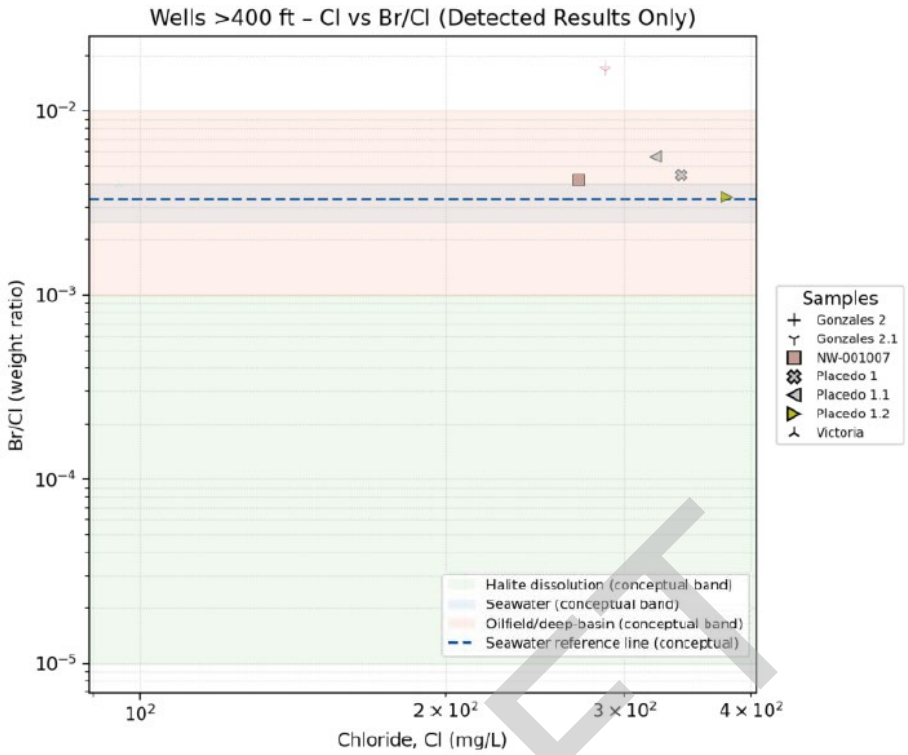
The weighted ratios were plotted against chloride concentration to evaluate mixing trends as salinity increases. For Br/Cl and I/Cl ratio evaluation, only detected bromide and iodide results were plotted.

3.2.1 Br/Cl vs Chloride Plots

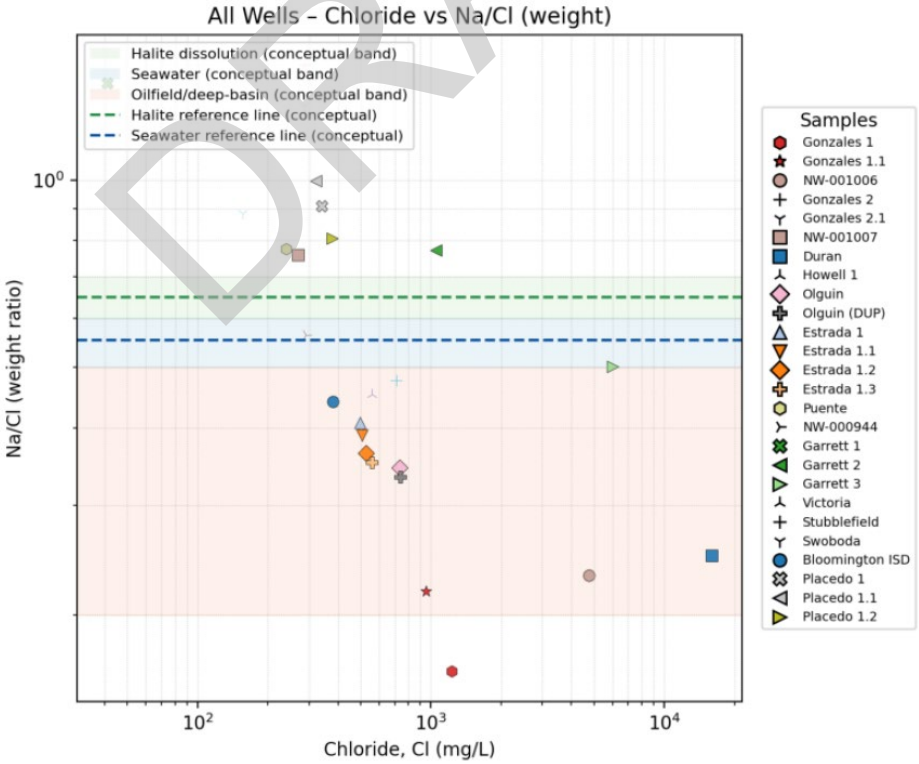


As shown above, many samples, including the most saline wells, cluster at Br/Cl ratios in the x10-2 to x10-3 range across a broad range of chloride concentrations. This behavior is characteristic of oilfield/deep-basin brines mixing with fresher groundwater and is most clearly expressed in the chloride vs Br/Cl plot displaying data from wells between 100-400 feet total depth (see below plots separated by various depth intervals).

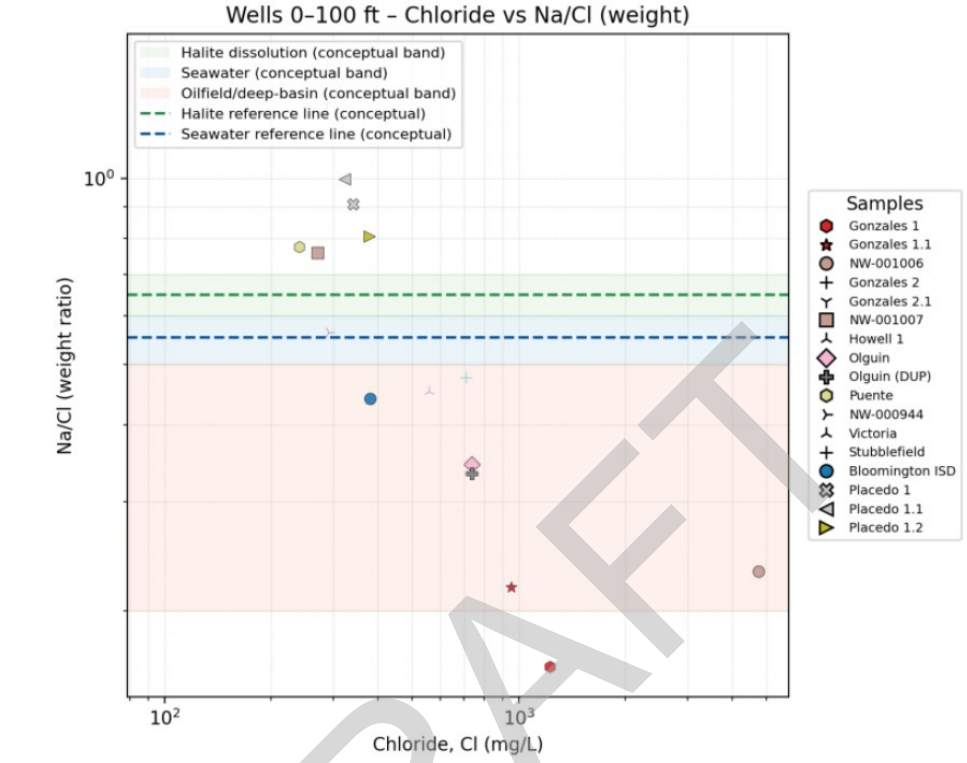


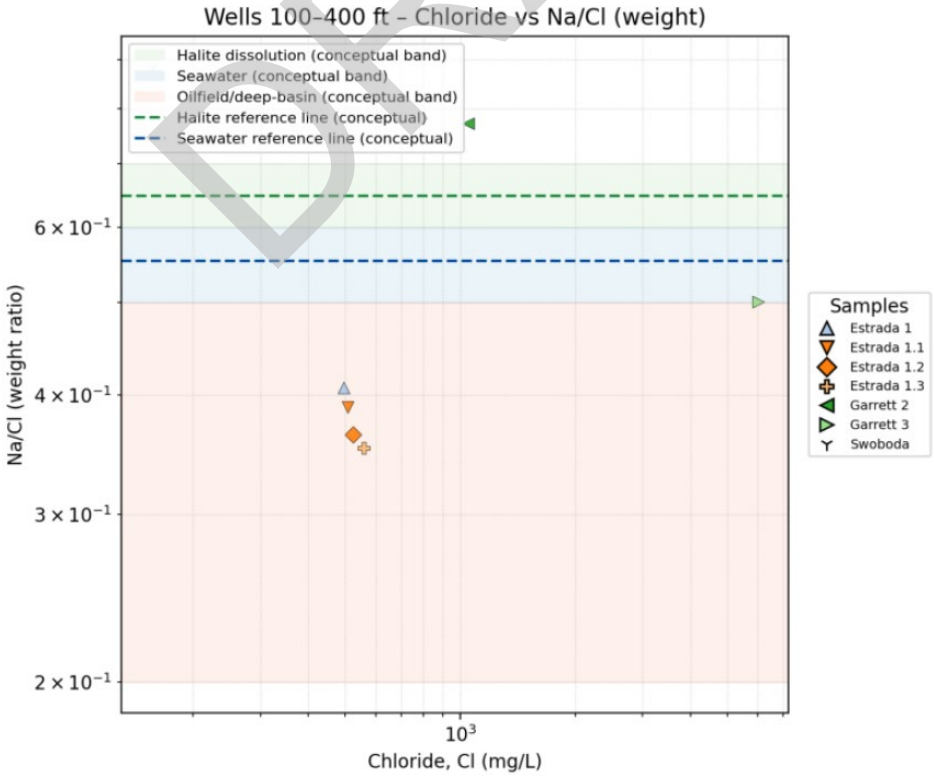


3.2.2 Na/Cl vs Chloride Plots

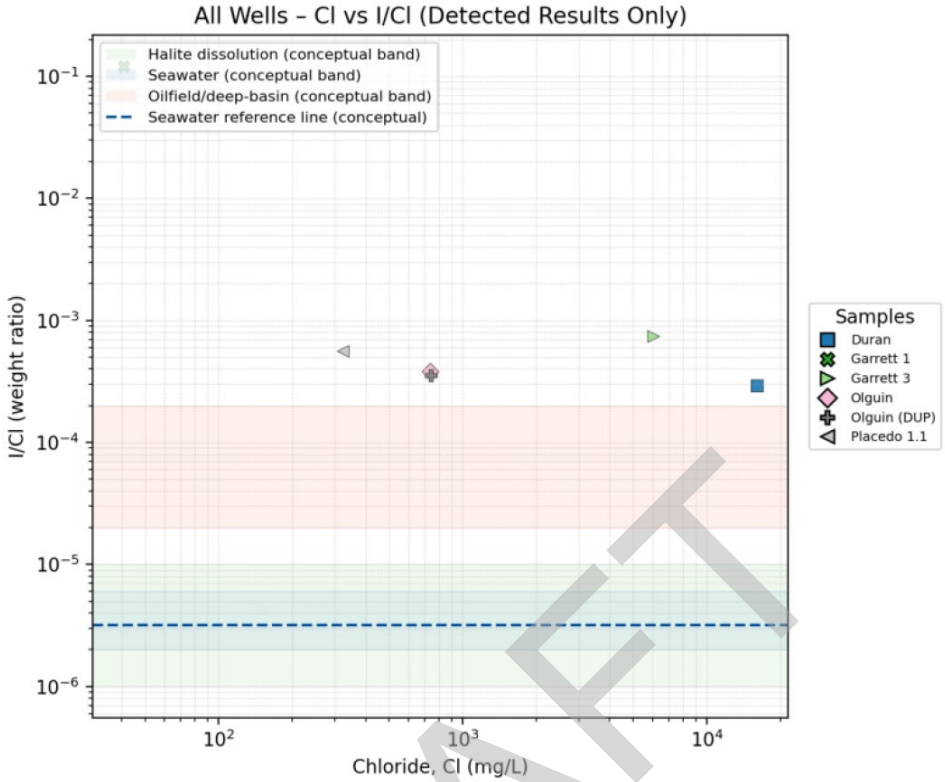


As shown above, samples with higher chloride concentrations exhibited depressed Na/Cl ratios relative to the stoichiometric NaCl expectation. This finding further reinforces the interpretation of oilfield/deep-basin brine mixing. Again, this pattern is most clearly expressed in the chloride vs Na/Cl plot displaying data from wells between 100-400 feet total depth.



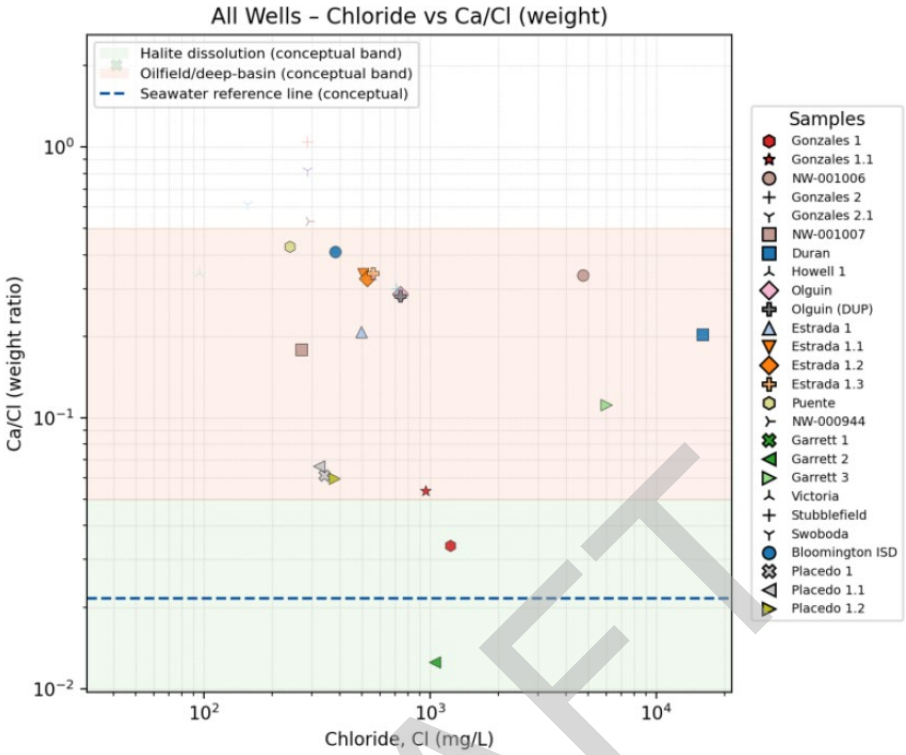


3.2.3 I/Cl vs Chloride Plot



Where iodide data are available and were detected, they are reported higher than expected for oilfield/deep-basin brines. However, given the I/Cl values are generally consistent across the range of chloride concentrations, this data cannot be relied upon as a primary discriminator. In addition, iodide data was not collected at wells outside of the 100-400 feet depth range.

3.2.4 Ca/Cl vs Chloride Plots



As shown above, the chloride vs Ca/Cl plot indicates that several saline samples exhibit elevated Ca/Cl relative to the seawater reference line and simple NaCl dissolution conceptual band. Calcium enrichment relative to chloride is common in oilfield/deep-basin brines due to ion exchange. The Ca/Cl behavior observed at Serene Drive is consistent with the interpretation derived from Br/Cl and Na/Cl plots and further supports an oilfield/deep-basin brine influence.

4.0 PRELIMINARY CROSS SECTION DEVELOPMENT

A draft cross section (provided as Appendix 1) was developed across the Serene Drive area to provide a preliminary conceptual framework for evaluating known groundwater-bearing units, screened well intervals, and the vertical distribution of salinity impacts. It was prepared to support interpretation of geochemical results by placing groundwater chemistry in a stratigraphic context rather than to serve as a definitive hydrogeologic model.

The cross section was oriented southwest–northeast to intersect the highest density of wells and span the Serene Drive area. Available water well driller logs, where screened intervals and lithologic descriptions were reported, and well depth information compiled from VCGCD records were utilized. Lithologic units were generalized into sand and clay categories based on driller log descriptions.

Based on the generalized driller log descriptions, the cross section depicts interbedded sands and clays, consistent with Gulf Coast depositional environments. Sand intervals interpreted from the logs are laterally discontinuous, and clay units vary in thickness and continuity. Given the available data, no laterally continuous confining unit can be confidently traced across the entire

section. Therefore, hydraulic connectivity between sands at similar depths cannot be assumed, nor can complete vertical isolation between adjacent intervals be ruled out.

Variants of the draft cross section were prepared to highlight wells that had groundwater samples collected from them with TDS concentrations >1,000 mg/L and TDS >2,000 mg/L. These variants of the cross section indicate that elevated TDS values are not uniformly distributed with depth, reinforcing the conclusion that salinity is not controlled solely by depth, but likely by a combination of stratigraphy, pathways, and local hydraulic conditions.

Interpretation of the draft cross section is limited by sparse and inconsistent driller log data, incomplete screened-interval information, and variable lithologic descriptions. As such, the draft cross section is considered conceptual and was used to support the geochemical analysis and conceptual site model development.

5.0 RAILROAD COMMISSION OF TEXAS WELL INVENTORY AND PROXIMITY SCREENING

An inventory of oil and gas (O&G) wells was compiled from the Railroad Commission of Texas (RRC) database to evaluate potential salinity pathways near the Serene Drive area. The inventory was developed to identify the type, density, and proximity of historical and active O&G infrastructure relative to water wells with elevated salinity.

The O&G inventory includes wells located within a 0.5-mile radius of the center of the Serene Drive area, which are plotted on Figure 1. The inventory was derived from publicly available RRC well data and includes wells of varying status and age. Individual O&G wells were classified into the following status classes based on RRC attributes:

- Injection / Disposal
- Plugged
- Open (Producing or Active)
- Historic
- Dry Hole
- Unknown (records with incomplete status information)

The 0.5-mile inventory indicates a moderate to high density of historical and current O&G activity in the vicinity of Serene Drive. The presence of multiple plugged, historic, and open wells, along with at least one injection/disposal well, reflects a long history of subsurface development in the area. A substantial portion of the inventory consists of legacy wells (i.e. plugged, historic, or unknown status), which is typical of mature oil-producing regions.

Distances from each water well with elevated salinity indicators (TDS > 1,000 mg/L and/or chloride >300 mg/L) to the nearest O&G well in each status class were calculated and are provided in the table below. The distances are reported as straight-line (planar) distances.

RRC Status Class	No. of Water Wells with Elevated Salinity Indicators	Minimum Distance from Water Well to Nearest O&G Well (miles)	Median Distance from Water Well to Nearest O&G Well (miles)	Max Distance from Water Well to Nearest O&G Well (miles)
Injection/Disposal	13	0.173	0.317	0.856
Plugged	13	0.026	0.069	0.183
Open	13	0.136	0.266	0.583
Historic	13	0.289	0.366	0.578
Dry hole	13	0.065	0.265	0.479
Unknown	13	0.062	0.114	0.558

The proximity data shows that the water wells with elevated salinity indicators are commonly located within tenths of a mile of multiple O&G well types, with several wells located within approximately 0.1-miles of plugged or unknown-status wells. While the proximity alone does not reflect causation, this information establishes a plausible pathway context that warrants further records-based evaluation when considered alongside the geochemical analysis.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The integrated evaluation of groundwater geochemistry, development of a preliminary cross section, and an O&G inventory provides a deeper understanding of saline conditions affecting domestic-use water wells in the Serene Drive area. The combined lines of evidence support the following conclusions. Recommendations for further evaluations are also provided.

The geochemical analyses performed indicate that elevated groundwater salinity in the domestic-use water wells at the Serene Drive area is most consistent with mixing with oilfield/deep-basin brines, rather than from halite dissolution or local background conditions. This conclusion is supported by the chloride-dominated chemistry, Na–Cl to Na–Ca–Cl facies on Piper and Stiff diagrams, elevated and stable Br/Cl ratios, depressed Na/Cl ratios at high chloride, and supporting I/Cl behavior where detected.

While the groundwater data collected to date are diagnostic, the existing data set does not allow for trend analysis for any constituent in any well. Insufficient data is available to ascertain whether groundwater quality is improving, stable, or degrading in the Serene Drive area. Development of a groundwater monitoring program to collect consistent general chemistry and additional tracer analyte data (such as bromide, iodide, boron, strontium, or stable isotopes) would strengthen potential source identification and reduce uncertainty from lack of trend data.

The salinity of groundwater in the groundwater-bearing units is not uniformly distributed with depth. Multiple groundwater-bearing units are present in the laterally heterogeneous sands that are screened for water wells, and the water quality varies in these sands. The strongest salinity and brine-like geochemical signatures are concentrated primarily within the 100 to 400 ft bgs depth interval, while deeper wells (>400 ft bgs) do not consistently exhibit the highest chloride or

TDS values. In addition, while the preliminary cross section constructed from driller logs provides a useful conceptual framework, the interpretation is limited by sparse, inconsistent, and incomplete well construction and lithologic data. No laterally continuous confining unit can be confidently correlated across the section, and hydraulic connectivity between wells cannot be demonstrated. The mechanism controlling interval-specific impacts (e.g., vertical gradients, localized pathways, or bounding units) cannot be confirmed without direct information on hydraulic gradients and groundwater-bearing unit connectivity.

Implementation of static groundwater level gauging events and/or pumping tests across accessible water wells at the Serene Drive area would allow for evaluation of lateral and vertical hydraulic gradients and groundwater-bearing unit connectivity. Further refinement of the preliminary cross section could be achieved through field verification of total well depths/well screen intervals or geophysical logging.

The 0.5-mile O&G inventory indicates a moderate to high density of historical and current O&G activity near the Serene Drive area. The proximity data shows that saline water wells are commonly located within tenths of a mile of plugged, open, historic, unknown-status, and injection/disposal wells. These relationships establish a plausible pathway context, however, proximity alone does not establish causation. Additional information is required to evaluate whether specific O&G wells represent credible migration pathways, including construction details. A records-based review of the O&G wells nearest to saline water wells should be prioritized to review plugging and completion reports for historic construction details, including dates of installation/plugging, construction materials, and incomplete plugs or shallow cement tops which could facilitate vertical migration.

A table of recommended next steps to address specific uncertainties identified by each line of evidence is provided below. The recommended next steps will allow refinement of the conceptual site model without an unnecessary expansion of data collection beyond what is required to support defensible conclusions.

Evaluated	Primary Data Gap	Recommended Next Steps
Geochemical salinity signature	Established trend data	Develop a consistent groundwater monitoring program for select water wells (e.g. monthly, quarterly, or semi-annual basis).
	Tracer data to evaluate field/deep-basin brine source	Collect groundwater samples from select water wells for tracers such as bromide, iodide, boron, strontium, or stable isotopes.
Hydrogeologic and stratigraphic model	Lateral and vertical gradient uncertainty	Collect static water levels in select wells.
	Subsurface stratigraphy uncertainty	Field-verify total well depths and/or screened intervals in select wells.
		Complete soil borings and/or temporary monitoring wells to log stratigraphy and complete pumping tests.
O&G records review	Pathway plausibility	Complete records review of O&G wells within 0.5-mile radius of Serene Drive area.
		Request cement bond logs or pressure tests from operators of O&G wells.

Upon review of this technical memo and the above recommendations with Mr. Tim Andrus, WSP can develop a specific scope of work for ongoing monitoring and sampling once of water wells at the Serene Drive area.

7.0 REFERENCES

Pastor, Behling, and Wheeler, LLC (PBW), 2014. *Report on Potentail Groundwater Contamination Serene Drive Area, Victoria County, Texas*. Prepared for the VCGCD.

PBW, 2017. *Serene Drive Area Technical Memo and Presentation.* Prepared for the VCGCD.

Richter, B. C., & Kreitler, C. W., 1991. *Identification of Sources of Ground-Water Salinization Using Geochemical Techniques.* Bureau of Economic Geology, The University of Texas at Austin. Prepared for the U.S. Environmental Protection Agency under Cooperative Agreement No. CR-815748.

Table 1

TABLE 1
GROUNDWATER DATA SUMMARY
SERENE DRIVE AREA

Owner	Well ID	State Well ID	Address	Total Depth (feet below ground surface)	Screened Interval (feet below ground surface)	Sample ID	Sample Date	Chloride	Total Alkalinity	Bromide	Calcium	Iodide	Magnesium	Potassium	Sodium	Total Dissolved Solids	Hardness (mg/L as CaCO3)	Sulfate	Aluminum	Arsenic	Barium	Cadmium	Copper	Chromium	Fluoride	Iron	Lead	Nitrate
Screening Level[1]								**300[2]**	--	--	--	--	--	--	--	**500[2]**	--	--	--	**0.01[3]**	**2[3]**	**0.005[3]**	--	**0.1[3]**	--	--	**0.015[3]**	--
City of Victoria	7916602	7916602	--	1010	400-990	7916602-20130507	5/7/2013	96	281	0.38	32.6	--	8.9	1.65	119	452	--	<1	--	--	--	--	--	--	--	--	--	--
Stubblefield	8017909	8017909	--	52	--	8017909-19560808	8/8/1956	710	320.4	--	212	--	37	--	338	1612	681.0	83.0	--	--	--	--	--	--	--	--	--	1
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-19920422	4/22/1992	341	313	1.53	21	--	12	4.00	310	906	103	10.0	--	0.012	0.968	<0.01	<0.02	<0.02	0.5	0.037	<0.05	--
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-19970326	3/26/1997	322	312	1.82	21.4	0.18	12.7	3.18	321	892	108	5.9	<0.0015	0.0142	1.06		0.0039		0.3	0.52	<0.001	--
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-20010413	4/13/2001	378	306	1.29	22.6	--	13.7	2.65	305	929	115	--	<0.004	0.01030	1.14	<0.001	<0.002	<0.001	0.52	0.592	<0.001	--
Swoboda	GW-000192	8018103	--	120	--	8018103-20090921	9/21/2009	156	339	0.52	96.1	--	19.8	2.84	138	704	--	49.2	--	--	--	--	--	--	--	--	--	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-19830825	8/25/1983	496	274	--	103	--	72.0	5.00	202	1129	--	43.0	--	--	--	--	--	--	--	--	--	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-19970326	3/26/1997	507	257	2.68	172	--	42.3	4.09	197	1150	--	42.6	--	--	--	--	--	--	--	--	--	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-20050331	3/31/2005	525	263	1.58	172	--	40.3	4.07	191	1164	--	42.8	--	--	--	--	--	--	--	--	--	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-20140318	3/18/2014	560	263	1.49	191	<0.25	45.2	4.29	197	1780	--	37.7	--	--	--	--	--	--	--	--	--	--
Bloomington ISD	GW-000767	8018401	--	450	202-444	8018401-19690516	5/16/1969	381	296	--	156	--	32	--	168	999	--	56	--	--	--	--	--	--	--	--	--	--
Garrett	GW-000967	-	3139 FM 616	~45	-	GW-000967-20170606	6/6/2017	41	342	<1.25	82.7	<5	9.00	3.07	58.7	420	--	11.3	--	<0.00200	0.336	<0.000300	--	<0.00200	--	--	0.00156	--
Garrett	GW-000969	-	3139 FM 616	160	-	GW-000969-20170606	6/6/2017	1051	269	5.6	13	<5	3.64	0.8	811	2112	--	61.9	--	<0.00500	0.00522 J	<0.00100	--	<0.00500	--	--	0.00297	--
Garrett	GW-000970	-	3139 FM 616	150	-	GW-000970-20170606	6/6/2017	6022	278	27.8	674	4.5	101	15.4	3020	11994	--	16.8	--	<0.00200	2.81	<0.000300	--	<0.00200	--	--	0.000351 J	--
Howell	NW-000310	8018404	98 Serene Dr.	65	40-50	NW-000310-20140318	3/18/2014	557	350	1.98	184	<0.25	28.3	6.19	252	1650	--	42.0	--	--	--	--	--	--	--	--	--	--
Howell	NW-000310	8018404	98 Serene Dr.	65	40-50	NW-000310-20150715	7/15/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Olguin (Duplicate)	NW-000444	344499	3551 FM 616	280	259-269	NW-000444-20140321-2	3/21/2014	738	287	3.06	208	0.26	40.7	4.19	246	2430	--	66.1	--	--	--	--	--	--	--	--	--	--
Olguin	NW-000444	344499	3551 FM 616	280	259-269	NW-000444-20140321-1	3/21/2014	736	295	3.08	211	0.28	42.0	4.26	254	2460	--	66.2	--	--	--	--	--	--	--	--	--	--
Puente	NW-000493	342978	156 Serene Dr.	183	173-183	NW-000493-20140318	3/18/2014	240	367	<1	103	<0.25	14.6	4.54	186	1070	--	32.2	--	--	--	--	--	--	--	--	--	--
Gonzales	NW-001006 (UW-000032)	-	313 Serene Dr.	160	100-160	NW-001006-20160620	6/20/2016	4752	--	--	1600	--	240	--	1100	6715	5000	34.0	<0.01	<0.01	0.757	<0.005	0.011	<0.005	<1.25	0.213	<0.01	<0.3
Gonzales	NW-001007 (UW-000034)	-	313 Serene Dr.	440	400-440	NW-001007-20250625	6/25/2025	270	233	1.14	48.4	--	16.3	2.45	205	672	--	<0.700		0.0448	0.647	<0.00200	--	<0.0100	0.734 B	--	<0.00600	<0.500
Garcia	NW-001291	-	-	63	53-63	NW-001291-20190712	7/12/2019	--	--	--	--	--	--	--	--	1345	--	--	--	--	--	--	--	--	--	--	--	--
Vasquez	NW-001349	-	-	51	41-51	NW-001349-20190321	3/21/2019	--	--	--	--	--	--	--	--	5310	--	--	--	--	--	--	--	--	--	--	--	--
Rodriguez	NW-002153	-	48 W Serene D	440	404-424	WQFM-20251013.1458	10/13/2025	--	--	--	--	--	--	--	--	1341	--	--	--	--	--	--	--	--	--	--	--	--
Gonzales	UW-000032	-	313 Serene Dr.	164	100-160	UW-000032-20160915	9/15/2016	1225	300	6.80	41.4	<1.0	14.1	2.06	199	3350	--	34.0	--	0.043	0.609	<0.005	--	<0.005	--	--	<0.01	--
Gonzales	UW-000032	-	313 Serene Dr.	164	100-160	UW-000032-20161014	10/14/2016	953	319	1.3	51	<1.0	15.9	2.43	208	2444	--	35	--	0.038	0.105	<0.005	--	0.008	--	--	<0.01	--
Gonzales	UW-000033	-	313 Serene Dr.	440	400-440	UW-000033-20160915	9/15/2016	287	248	5.0	300	<1.0	45.9	6.06	440	800	--	<20	--	<0.01	0.251	<0.005	--	<0.005	--	--	<0.01	--
Gonzales	UW-000033	-	313 Serene Dr.	440	400-440	UW-000033-20161014	10/14/2016	287	245	4.8	235.0	<1.0	34.1	6.12	379	720	--	<5	--	<0.01	0.146	<0.005	--	<0.005	--	--	<0.01	--
Duran	UW-000034	-	258 Serene Dr.	~150	--	UW-000034-20161215	12/15/2016	16000	184	78	3250	4.7	528	25.2	3990	25580	--	55	--	<0.1	1.79	<0.05	--	<0.05	--	--	<0.1	--
Duran	NW-000944	-	-	220	198-208	NW-000944-20170130	1/30/2017	291	337	<1.25	155	<1	22.6	3.91	164	1110	--	47.0	--	<0.01	0.11	<0.005	--	<0.005	--	--	<0.01	--

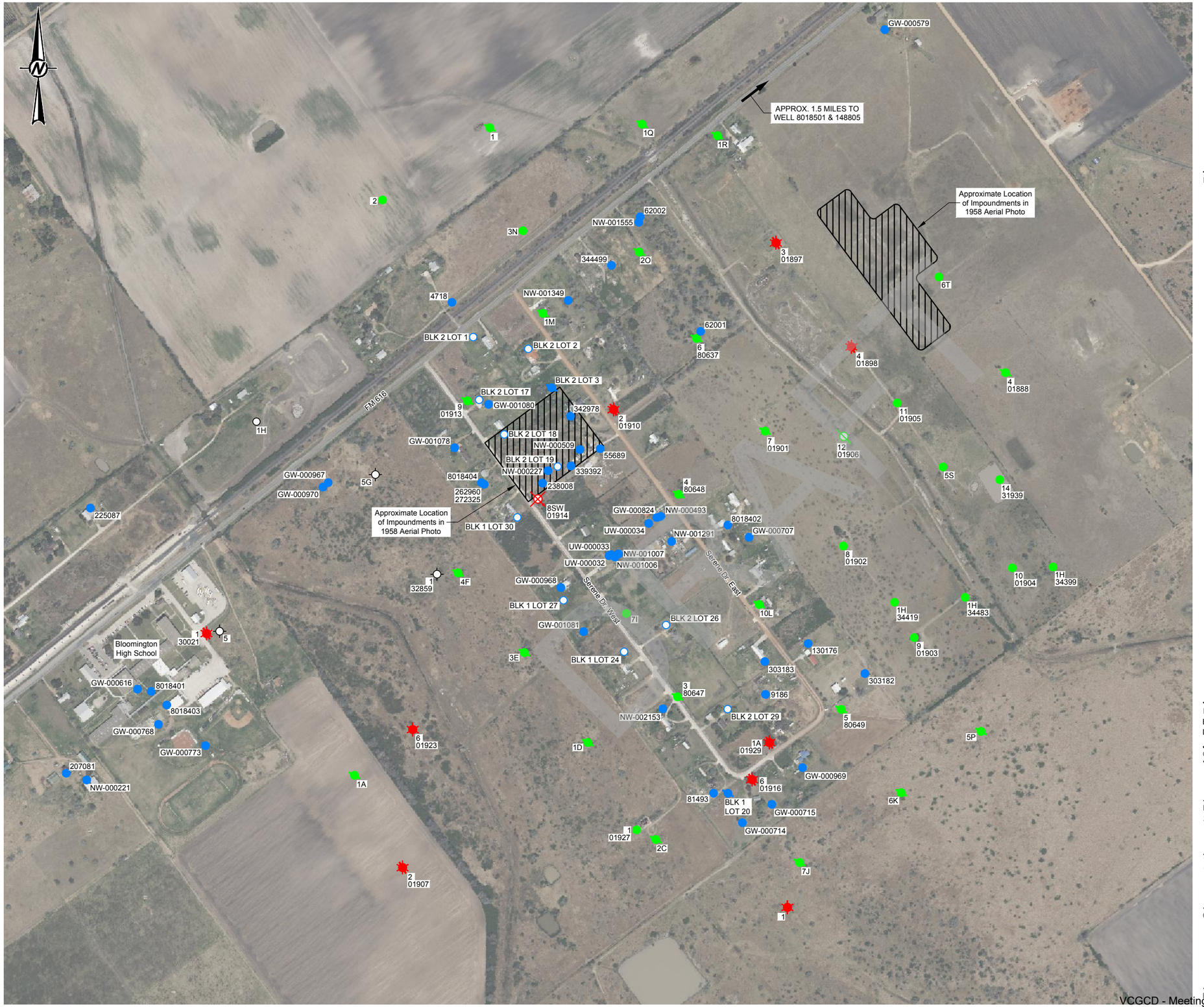
Notes:
1) Screening levels are based on EPA's secondary maximum contaminant levels (SMCL) or TCEQ's TRRP Tier 1 residential protective concentration levels (PCLs).
2) Screening level is the EPA SMCL.
3) Screening level is the TRRP Tier 1 residential PCL.
4) All analytical results reported in mg/L.
5) pH, specific conductance, turbidity, dissolved oxygen, and oxidation reduction potential are field measurements obtained during sample collection.
6) pH reported in Standard pH units
7) umhos/cm - micromohs per centimeter, analogous to microSiemens per centimeter (mS/cm)
8) mV - millivolts
9) Yellow highlighted cells indicate an exceedance of the screening level.
10) Lab Qualifiers:
J or B - estimated value – the result falls between the Method Detection Limit (MDL) and the Method Quantitation Limit (MQL) or Reporting Limit (RL)
U or < - indicates the analyte was analyzed but not detected; Sample Quantitation Limit (SQL) or Sample Detection Limit (SDL) listed in the concentration column
11) -- indicates the sample was not analysed for that analyte

TABLE 1
GROUNDWATER DATA SUMMARY
SERENE DRIVE AREA

Owner	Well ID	State Well ID	Address	Total Depth (feet below ground surface)	Screened Interval (feet below ground surface)	Sample ID	Sample Date	Phosphate	Selenium	Silver	Mercury	Bicarbonate	Carbonate	TPH (C6-C12)	TPH (C12-C28)	TPH (C28-C35)	TPH (C6-C35)	pH[5,6]	Specific Conductance (umhos/cm)[7]	Oxidation/ Reduction Potential (ORP) (mV)[8]
Screening Level[1]								--	**0.05[3]**	**0.12[3]**	**0.002[3]**	--	--	--	--	--	--	--	--	--
City of Victoria	7916602	7916602	--	1010	400-990	7916602-20130507	5/7/2013	--	--	--	--	--	--	--	--	--	--	7.27	668	--
Stubblefield	8017909	8017909	--	52	--	8017909-19560808	8/8/1956	--	--	--	--	391	--	--	--	--	--	8.2	2890	--
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-19920422	4/22/1992	--	<0.002	<0.01	<0.0002	381.97	0	--	--	--	--	7.75	1602	-193.1
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-19970326	3/26/1997	--	<0.006	--	--	380.75	0	--	--	--	--	7.59	1507	-139.2
City of Placedo	8018501	8018501	--	1100	960-1100	8018501-20010413	4/13/2001	--	<0.004	--	--	373.4	0	--	--	--	--	7.57	1724	--
Swoboda	GW-000192	8018103	--	120	--	8018103-20090921	9/21/2009	--	--	--	--	--	--	--	--	--	--	7.01	1217	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-19830825	8/25/1983	--	--	--	--	--	--	--	--	--	--	8	2320	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-19970326	3/26/1997	--	--	--	--	--	--	--	--	--	--	6.96	1802	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-20050331	3/31/2005	--	--	--	--	--	--	--	--	--	--	6.72	2120	--
Estrada	GW-000489	8018402	259 Serene Dr.	336	--	GW-000489-20140318	3/18/2014	--	--	--	--	--	--	--	--	--	--	6.73	2493	--
Bloomington ISD	GW-000767	8018401	--	450	202-444	8018401-19690516	5/16/1969	--	--	--	--	--	--	--	--	--	--	7.8	2052	--
Garrett	GW-000967	-	3139 FM 616	~45	-	GW-000967-20170606	6/6/2017	--	<0.00200	<0.00100	<0.0000800	--	--	<1.99	<1.99	<1.99	<1.99	6.85	809	234.4
Garrett	GW-000969	-	3139 FM 616	160	-	GW-000969-20170606	6/6/2017	--	0.00262	<0.00200	<0.000200	--	--	<1.96	<1.96	<1.96	<1.96	--	--	--
Garrett	GW-000970	-	3139 FM 616	150	-	GW-000970-20170606	6/6/2017	--	<0.00200	<0.00100	<0.0000800	--	--	<1.98	<1.98	<1.98	<1.98	6.47	18654	-51.5
Howell	NW-000310	8018404	98 Serene Dr.	65	40-50	NW-000310-20140318	3/18/2014	--	--	--	--	--	--	--	--	--	--	6.55	2605	18.4
Howell	NW-000310	8018404	98 Serene Dr.	65	40-50	NW-000310-20150715	7/15/2015	--	--	--	--	--	--	<2	<2	<2	<2	--	--	--
Olguin (Duplicate)	NW-000444	344499	3551 FM 616	280	259-269	NW-000444-20140321-2	3/21/2014	--	--	--	--	--	--	--	--	--	--	--	--	--
Olguin	NW-000444	344499	3551 FM 616	280	259-269	NW-000444-20140321-1	3/21/2014	--	--	--	--	--	--	--	--	--	--	6.63	3266	-36.2
Puente	NW-000493	342978	156 Serene Dr.	183	173-183	NW-000493-20140318	3/18/2014	--	--	--	--	--	--	--	--	--	--	6.62	1541	141.2
Gonzales	NW-001006 (UW-000032)	-	313 Serene Dr.	160	100-160	NW-001006-20160620	6/20/2016	<1.55	<0.02	<0.01	0.002	--	--	<2	<2	<2	<2	6.58	13880	--
Gonzales	NW-001007 (UW-000034)	-	313 Serene Dr.	440	400-440	NW-001007-20250625	6/25/2025	--	<0.0100	<0.00500	<0.000200	233	<20.0	--	--	--	--	7.81 T8	1380	--
Garcia	NW-001291	-	-	63	53-63	NW-001291-20190712	7/12/2019	--	--	--	--	--	--	--	--	--	--	--	1912	--
Vasquez	NW-001349	-	-	51	41-51	NW-001349-20190321	3/21/2019	--	--	--	--	--	--	--	--	--	--	7.32	8280	--
Rodriguez	NW-002153	-	48 W Serene D	440	404-424	WQFM-20251013.1458	10/13/2025	--	--	--	--	--	--	--	--	--	--	7.34	2064	202.4
Gonzales	UW-000032	-	313 Serene Dr.	164	100-160	UW-000032-20160915	9/15/2016	--	0.012	<0.01	<0.0002	300	<20	<2	<2	<2	<2	6.7	4340	-122
Gonzales	UW-000032	-	313 Serene Dr.	164	100-160	UW-000032-20161014	10/14/2016	--	<0.02	<0.01	<0.0002	319	<20	<2	<2	<2	<2	6.81	3501	-25.2
Gonzales	UW-000033	-	313 Serene Dr.	440	400-440	UW-000033-20160915	9/15/2016	--	0.067	<0.01	<0.0002	248	<20	<2	<2	<2	<2	7.17	1400	-105
Gonzales	UW-000033	-	313 Serene Dr.	440	400-440	UW-000033-20161014	10/14/2016	--	<0.02	<0.01	<0.0002	245	<20	<2	<2	<2	<2	7.47	1369	-133
Duran	UW-000034	-	258 Serene Dr.	~150	--	UW-000034-20161215	12/15/2016	--	<0.2	<0.1	0.00289	184	<20	<2	<2	<2	<2	6.13	33615.7	523.6
Duran	NW-000944	-	-	220	198-208	NW-000944-20170130	1/30/2017	--	<0.02	<0.01	<0.0002	--	--	<2	<2	<2	<2	--	--	--

Notes:
1) Screening levels are based on EPA's secondary maximum contaminant levels (SMCL) or TCEQ's TRRP Tier 1 res
2) Screening level is the EPA SMCL.
3) Screening level is the TRRP Tier 1 residential PCL.
4) All analytical results reported in mg/L.
5) pH, specific conductance, turbidity, dissolved oxygen, and oxidation reduction potential are field measurements obta
6) pH reported in Standard pH units
7) umhos/cm - micromohs per centimeter, analogous to microSiemens per centimeter (mS/cm)
8) mV - millivolts
9) Yellow highlighted cells indicate an exceedance of the screening level.
10) Lab Qualifiers:
J or B - estimated value – the result falls between the Method Detection Limit (MDL) and the Method Quantitation U
or < - indicates the analyte was analyzed but not detected; Sample Quantitation Limit (SQL) or Sample Detectio
11) -- indicates the sample was not analysed for that analyte

Figures



LEGEND

OIL/GAS WELLS

- PERMITTED LOCATION
- DRY HOLE
- OIL
- GAS
- OIL/GAS
- INJECTION/DISPOSAL WELL
- PLUGGED OIL
- PLUGGED OIL/GAS
- PLUGGED SALT WATER DISPOSAL WELL
- 0 / 00000 — WELL ID# & API #

WATER WELLS

- WATER WELL
- WATER WELL - NOT IN SERVICE
- WATER WELL (FIELD LOCATION)

0 300 600
1" = 600' FEET

REFERENCE(S)

BASE MAP TAKEN FROM 2026 MICROSOFT CORPORATION 2026 MAXAR CNES (2026) DISTRIBUTION AIRBUS DS.

CLIENT
VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

PROJECT
SERENE DRIVE GROUNDWATER ASSESSMENT

TITLE
WELL LOCATION MAP - SERENE DRIVE AREA

CONSULTANT

YYYY-MM-DD	2026-03-05
DESIGNED	AJD
PREPARED	AJD
REVIEWED	CRD
APPROVED	CRD

PROJECT NO. US0047497.6343 REV. 0 FIGURE 1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Path: \\corp.pbwan.net\US\CentralData\USDAL4001\Texas\Local\Projects - Victoria_2026_Victoria County\PRODUCTION\A - Victoria Co GW Conservation District\2026-03\ | File Name: 1 - Serene Drive Location Map.dwg | Last Edited By: usad7013\05 Date: 2026-03-05 Time:12:53:43 PM | Printed By: USAD7013\05 Date: 2026-03-05 Time:12:54:25 PM

LEGEND

Total Dissolved Solids Ground Water Sample Data

- 0 - 500 mg/L
- 500 - 1500 mg/L
- 1500 - 10000 mg/L
- > 10000 mg/L

0 350 700

1" = 350 Feet Feet

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 2011 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FTUS
2. MAP SERVICE LAYER CREDITS: HYBRID REFERENCE LAYER: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD IMAGERY: VANTOR

CLIENT
VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

PROJECT
SERENE DRIVE GROUNDWATER ASSESSMENT

TITLE
TOTAL DISSOLVED SOLIDS SAMPLE VALUES WATER WELL LOCATIONS

CONSULTANT

YYYY-MM-DD	2026-02-02
DESIGNED	KAS
PREPARED	KAS
REVIEWED	-
APPROVED	-

PROJECT NO	TASK	REV	FIGURE
9047497.6343	100	0	2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND

Chloride Ground Water Sample Data

- 0 - 250 mg/L
- 250 - 500 mg/L
- 500 - 1000 mg/L
- >1000 mg/L

0 350 700

1" = 350 Feet Feet

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 2011 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FTUS
2. MAP SERVICE LAYER CREDITS: HYBRID REFERENCE LAYER: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD IMAGERY: VANTOR

CLIENT
VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

PROJECT
SERENE DRIVE GROUNDWATER ASSESSMENT

TITLE
CHLORIDE SAMPLE VALUES
WATER WELL LOCATIONS

CONSULTANT

wsp

YYYY-MM-DD	2026-02-02
DESIGNED	KAS
PREPARED	KAS
REVIEWED	-
APPROVED	-

PROJECT NO.	TASK	REV.	FIGURE
0047497.6343	100	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Attachment A: Preliminary Cross Section

LEGEND

- Water Wells
- Injection Well
- Line of Cross Section
- Well Log Data Available - Utilized for Cross Section Development
- No Well Log Data Available - Not Utilized for Cross Section Development

DRAFT

0 500 1,000

1" = 500 Feet Feet

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE.
2. (173' - 183') - SCREENED INTERVAL (FT)
3. * - SCREENED INTERVAL DATA UNAVAILABLE

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 2011 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FTUS
2. MAP SERVICE LAYER CREDITS: HYBRID REFERENCE LAYER: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
   WORLD IMAGERY: VANTOR

CLIENT
VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

PROJECT
SERENE DRIVE GROUNDWATER ASSESSMENT

TITLE
WATER WELL LOCATIONS

CONSULTANT

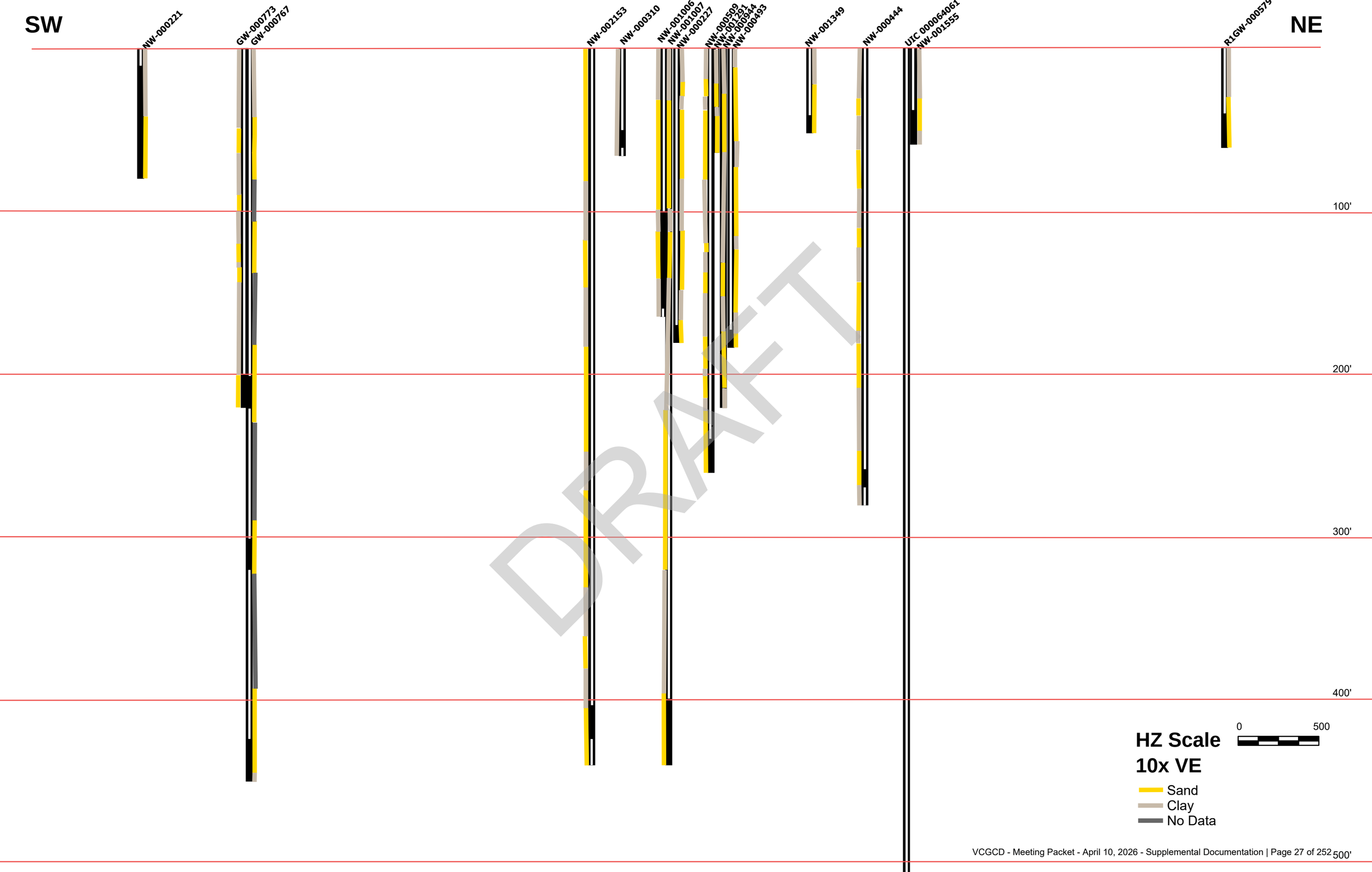
wsp

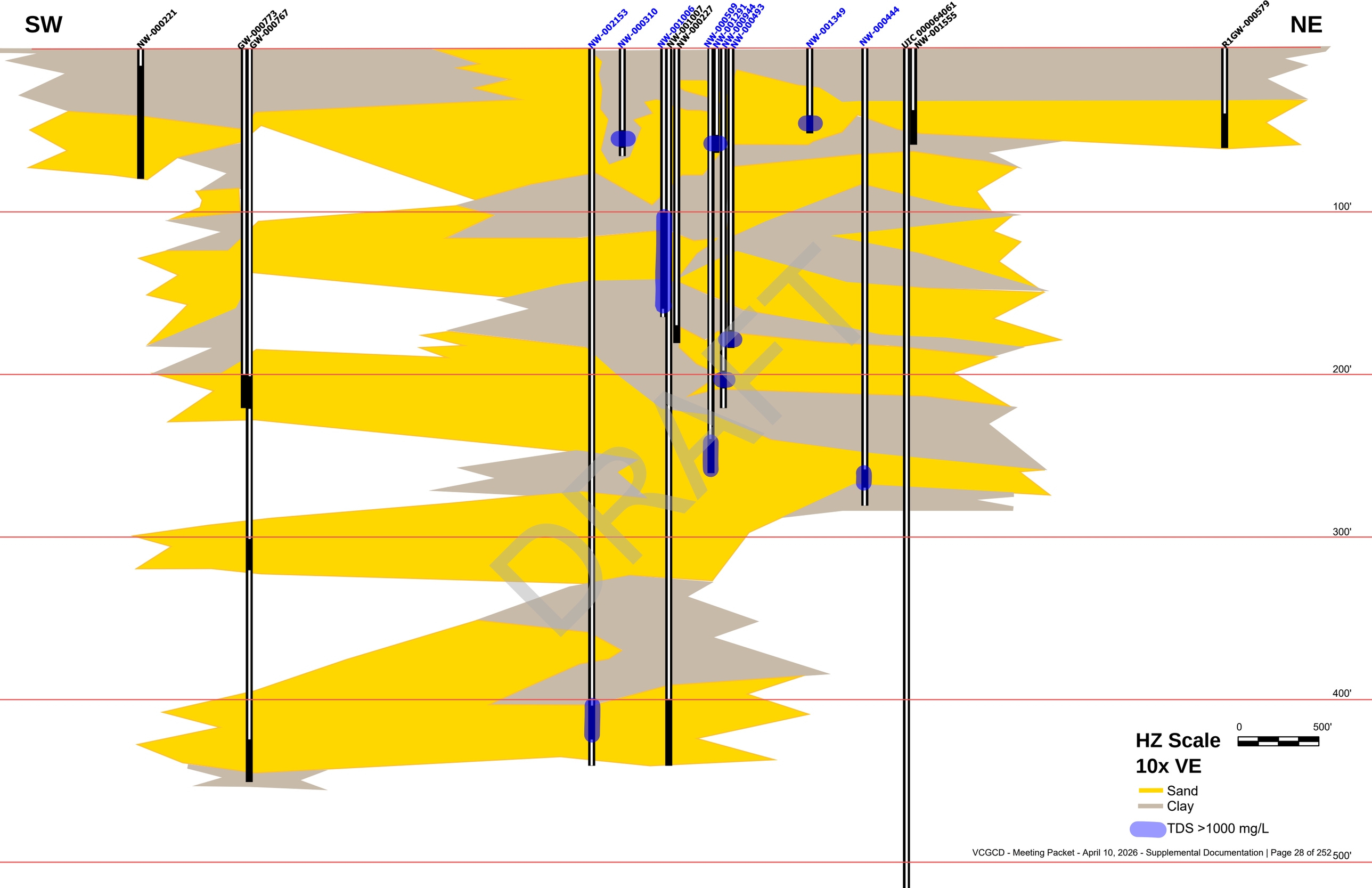
YYYY-MM-DD	2026-01-27
DESIGNED	KAS
PREPARED	KAS
REVIEWED	-
APPROVED	-

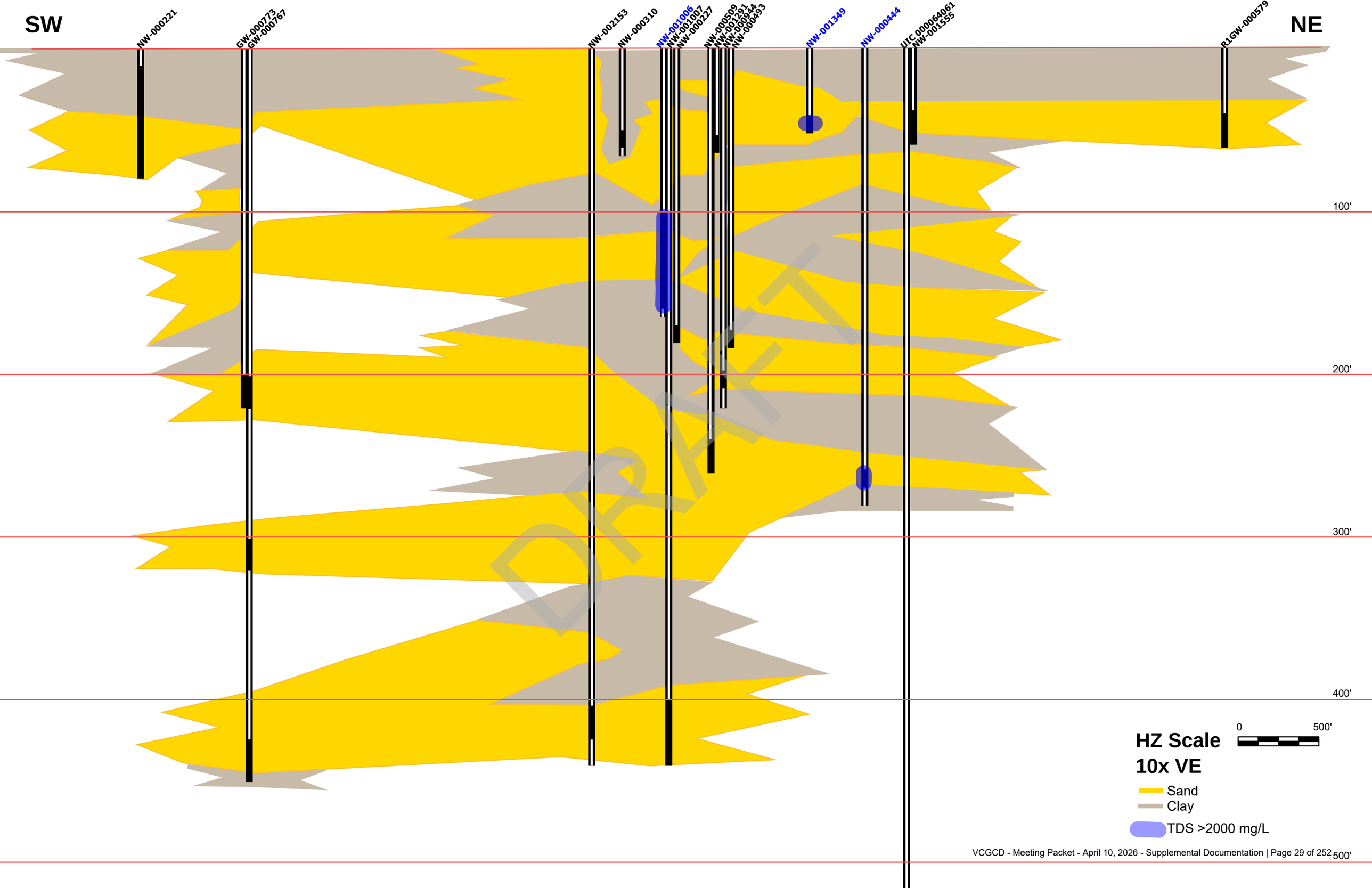
PROJECT NO.	TASK	REV.	FIGURE
0047497.6343	100	0	1

PATH: G:\VCGCD\Serene Drive\99_PROJECT\SU\S0047497.6343_Serene_Drive_Groundwater_Assessment\100_Serene_Drive_Desktop_Review\02_PRODUCTION\APRX\US0047497.6343_100_Rev0_F1_WaterWellLocations\US0047497.6343_100_Rev0_F1_WaterWellLocations.aprx PRINTED: 1/27/2026 at 12:01 PM BY: USKS093903

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-001006
NW-001007
NW-000227
NW-000509
NW-001791
NW-000944
NW-000493
NW-001349
NW-000444
UIC 00006406
NW-001555
R1GW-000579
100'
200'
300'
400'
500'
0
500
HZ Scale
10x VE
Sand
Clay
No Data
DRAFT


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-001006
NW-001007
NW-000227
NW-000509
NW-001291
NW-000644
NW-000493
NW-001349
NW-000444
UTC 000064061
NW-001555
R1GW-000579
100'
200'
300'
400'
500'
0
500'
HZ Scale
10x VE
Sand
Clay
TDS >1000 mg/L
DRAFT


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-001006
NW-001007
NW-000227
NW-000509
NW-001291
NW-000544
NW-000493
NW-001349
NW-000444
UIC 00006406 1
NW-001555
R1GW-000579
100'
200'
300'
400'
500'
0
500'
HZ Scale
10x VE
Sand
Clay
TDS >2000 mg/L
DRAFT

LEGEND

- Water Wells
- Injection Well
- Line of Cross Section
- Well Log Data Available - Utilized for Cross Section Development
- No Well Log Data Available - Not Utilized for Cross Section Development

DRAFT

0 500 1,000

1" = 500 Feet

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE.
2. (173' - 183') - SCREENED INTERVAL (FT)
3. * - SCREENED INTERVAL DATA UNAVAILABLE

REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 2011 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FTUS
2. MAP SERVICE LAYER CREDITS: HYBRID REFERENCE LAYER: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD IMAGERY: VANTOR

CLIENT
VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

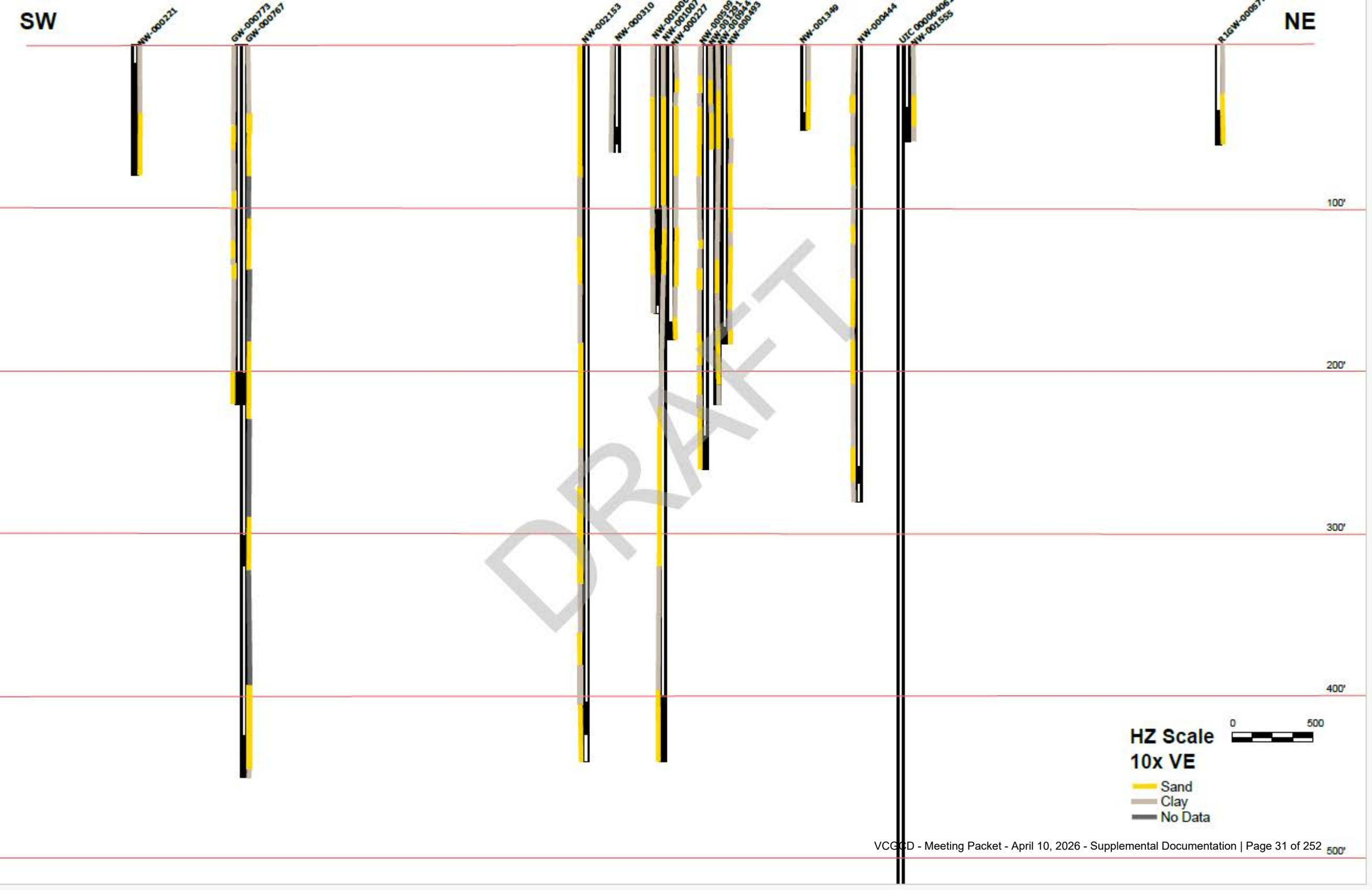
PROJECT
SERENE DRIVE GROUNDWATER ASSESSMENT

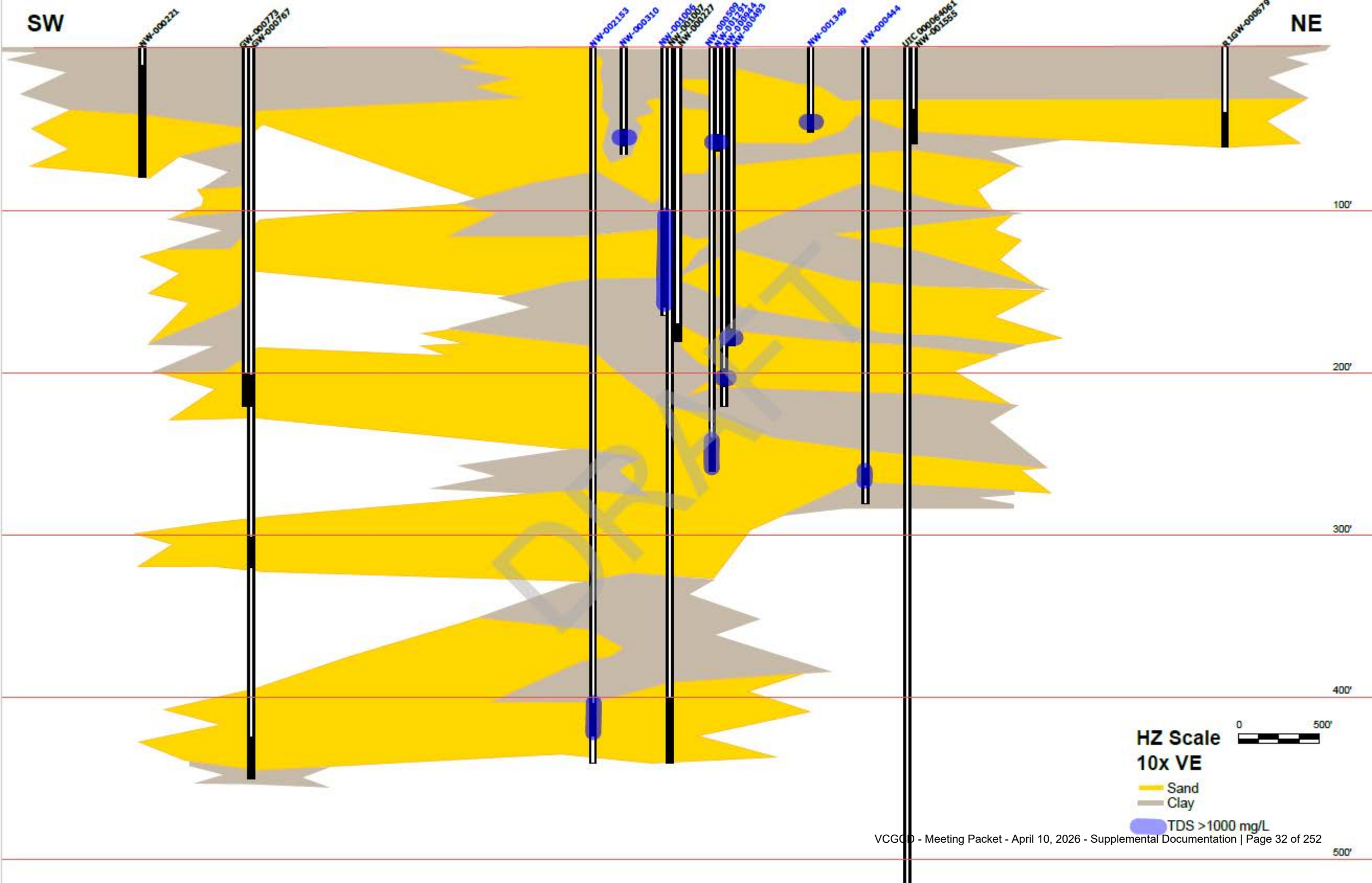
TITLE
WATER WELL LOCATIONS

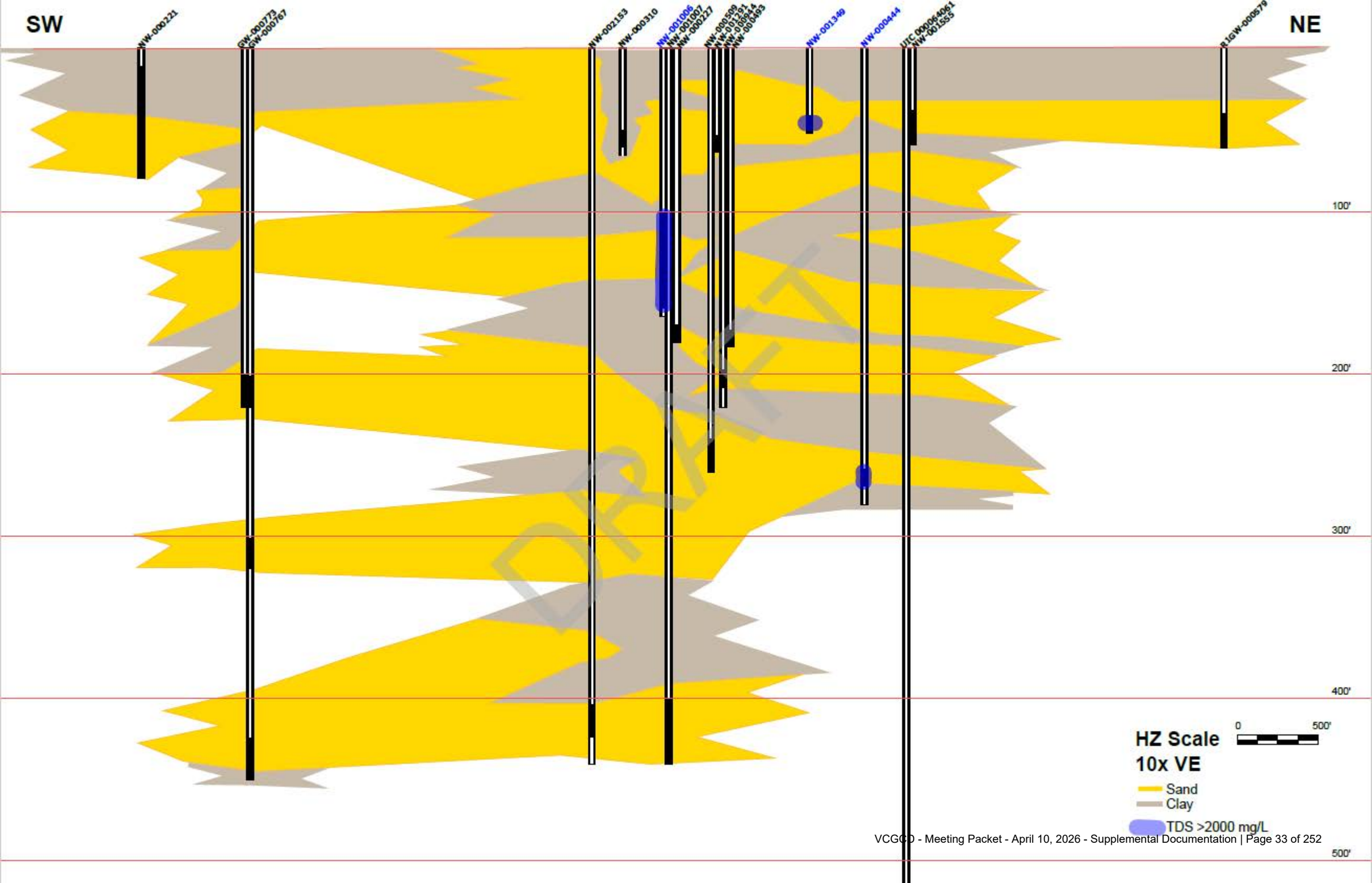
CONSULTANT
wsp

YYYY-MM-DD	2026-01-27
DESIGNED	KAS
PREPARED	KAS
REVIEWED	-

PROJECT NO.	TASK	REV.	FIGURE
0047497.6343	100	0	1


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-001007
NW-000227
NW-000493
NW-001349
NW-000444
NW-001555
100'
200'
300'
400'
500'
HZ Scale
10x VE
0
500
Sand
Clay
No Data
DRAFT


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-001006
NW-001007
NW-000227
NW-000509
NW-001151
NW-000544
NW-000493
NW-001349
NW-000444
UZC-000064061
NW-001555
B1GW-000579
100'
200'
300'
400'
500'
HZ Scale
10x VE
0
500'
Sand
Clay
TDS >1000 mg/L
DRAFT


SW
NE
NW-000221
GW-000773
GW-000767
NW-002153
NW-000310
NW-0010006
NW-0010007
NW-0000227
NW-0003509
NW-0013191
NW-0000544
NW-0000493
NW-001349
NW-000444
UTC 000064061
NW-0015555
R1GW-000579
100'
200'
300'
400'
500'
0
500'
HZ Scale
10x VE
Sand
Clay
TDS >2000 mg/L
DRAFT

Groundwater Research, Science, and Data Collection Grants

Fiscal Year 2026 Application Form

Submit this completed application form and all required attachments by email to GCDGrants@twdb.texas.gov by **March 13, 2026, 2:00pm**. Use the subject: "FY2026 Groundwater Grant Application – <Your District Name>".

Refer to the FY2026 Groundwater Grants Guidelines for deadlines and detailed instructions. All information on this form is required to be considered a complete application. Incomplete applications will not be accepted.

I. Applicant Information

Official name of applicant (groundwater conservation district name)

Victoria County Groundwater Conservation District

Physical address:	1501 E. Mockingbird Lane, Ste 103, Victoria, Texas
Mailing address:	P.O. Box 69, Victoria, Texas 77902

Authorized official (has legal authority to sign a grant agreement)

Name:	Mark Meek
Title:	President of the Board
Phone number:	361-782-8488
Email address:	dmarkmeek@yahoo.com

Designated representative (primary contact for this application)

☐ Same as authorized official

Complete the information below if designated representative is different from the authorized official.

Name:	Tim Andruss
Title:	General Manager
Phone number:	361-579-6863
Email address:	tandruss@vcgcd.org

II. Eligibility Confirmation

Check all that apply

- [x] Applicant is a groundwater conservation district as defined by Texas Water Code § 36.001(1).
- [x] Applicant is authorized to accept grants under Texas Water Code § 36.158.
- [x] Only one application is being submitted by this applicant.

Eligibility documentation

Attach ONE of the following to confirm applicant eligibility, intent, and authorized representatives. *Select which form of documentation is included in this application*:

- [x] An affidavit from the individual with the authority to act on behalf of the applicant, OR
- [ ] A copy of an adopted resolution, OR
- [ ] Minutes approved by the groundwater conservation district board with the authority to act on behalf of the applicant.

Eligibility documentation must include:

- Amount requested;
- Any local match (not required);
- A statement that grant funds will supplement, not replace, applicant funds;
- Authorization to submit application; AND
- Designation of a representative the TWDB can contact regarding the application.

III. Applicant Financial Information

Annual operating budget (amount)

$248,200 (operating revenue - operating expenses)

For example, $1,250,000

Link to most recent annual operating budget OR enter "file attached" and attach file

file attached

Last financial audit (date):

9/30/2024

Link to most recent financial audit OR enter "file attached" and attach file

file attached

Explain the need for financial assistance

The Victoria County Groundwater Conservation District requires financial assistance to complete the proposed project because its adopted Fiscal Year 2026 operating budget does not include the sufficient allocation of funds to pay for the expenses to be incurred in completing the tasks proposed within the scope of work required to comprehensively assess subsidence in the central portion of the Gulf Coast Aquifer region.

V. Project Information

Project cost

Total project cost

$281,000

Amount requested from the Texas Water Development Board

$231,000

TWDB will only award grants for $50,000 to $300,000

Applicant will provide supplemental funding for this project (local match not required)

Yes ☑ No ☐ To be determined ☐

If yes, amount of supplemental funding and source(s)

$40,000 Cash Contribution - Operating Budget; $10,000 In-Kind Services

Grant Category

Category 1: Groundwater Research and Science

Project title

The Development of the CGCBGF Model for Groundwater Management and Planning

Short project description (brief statement of purpose)

No more than 175 words.

The project will integrate hydrogeologic data, measured subsidence, groundwater production and water levels since 1940 to update the Central Gulf Coast Brackish Groundwater Flow (CGCBGF) Model to support the simulation of subsidence using the MODFLOW 6 CSUB subsidence module. The project will also determine subsidence rates from 2018 to 2025 from satellite-based InSAR data and deformation measurements from NOAA stations for the four counties within the jurisdictions of the cooperating districts. The project will provide the cooperating districts with the information to refine their rules incentivizing the safe development of brackish groundwater, advance the best available science for modeling impacts from brackish production including subsidence, and provide a tool for evaluating the potential impacts of developing brackish groundwater resources. Due to the high risk of subsidence being caused by groundwater production in the Gulf Coast Aquifer, the cooperating districts require the installation of subsidence monitoring stations for high-capacity production permits. To facilitate future brackish projects with these installations, the project includes the installation and operation of a subsidence monitoring station.

Project duration

Months to complete. ***Awarded projects must be completed by May 31, 2028.***

23 months with project completion by May 31, 2028

Category-specific narrative

Complete the prompt that matches your selected category.

For Category 1: Describe how this project furthers best available science[1] in the state and supports the implementation of effective groundwater resource management and planning.

For Category 2: Describe how this project enhances the collection, quality, and availability of groundwater data used by groundwater conservation districts and the TWDB to support effective groundwater resource management and planning within the district and across the state.

No more than 300 words.

This project advances the best available science for groundwater management in Texas by integrating InSAR data, GNSS-based monitoring, historical datasets, and numerical modeling to evaluate subsidence within the Central Gulf Coast Aquifer. Consistent with the definition of best available science under §36.0015, Water Code, the project relies on statistical and quantitative data, analytical methods, and scientific studies that are publicly available and reproducible by the scientific community.

The project provides direct local groundwater management benefits for the cooperating districts by improving the ability to identify, quantify, and evaluate land subsidence associated with groundwater withdrawals. Understanding the relationship among groundwater production, aquifer pressure decline, and land-surface deformation will improve the ability of the cooperating districts and other interested parties to evaluate permit applications, assess potential impacts from pumping, and support joint planning activities.

The project provides statewide benefits by developing improved scientific datasets and modeling tools that can support groundwater availability modeling and subsidence assessment throughout the Texas Gulf Coast region. Estimates of land subsidence from InSAR data, NOAA CORS subsidence monitoring stations, and historical measurements by the National Geodetic Survey will be analyzed to quantify spatial and temporal patterns of subsidence across the study area. These datasets will be integrated with groundwater production histories, water-level records, and compressible clay interbeds within the Gulf Coast Aquifer.

The compiled datasets will be used to refine the CGCBGF Model and apply the MODFLOW-6 CSUB module to simulate land subsidence. The installation of a GNSS-based subsidence monitoring station will provide continuous measurements of land subsidence, supporting long-term monitoring of aquifer response to groundwater development.

The project will deliver subsidence datasets, technical reports, and calibrated modeling tools that improve groundwater science and provide actionable information to support groundwater management, regional water planning, promote the development of brackish groundwater, and sustainable groundwater development in Texas.

[1] See Texas Water Code § 36.0015 for the definition of *best available science.*

Scope of work (attach)
Attach a scope of work that includes:

- ✔ Clearly identified tasks,
- ✔ Clearly defined project team,
- ✔ Estimated completion times for each task (project timeline,
- ✔ Proposed equipment purchases (if applicable, and
- ✔ Deliverables the TWDB will receive through this project (data, reports, or other products).

Note: All deliverables must be provided to the TWDB. Data deliverables must follow data requirements as provided in the grant agreement.

Project budget (attach)
Attach a proposed project budget (using example budget tables in Appendix B of Guidelines) that includes:

- ✔ Total project cost,
- ✔ The cost of each significant element of the project,
- ✔ TWDB costs and local match costs (if applicable; local match not required), and
- ✔ Equipment cost list (if applicable).

VI. Additional Documentation

If you would like to provide any additional information or documentation to support your application, you may attach that to the application. Please list any additional documentation provided with the application:

6.01 - VCGCD - TWDB GRSDC Grant - Addendum 1,
6.02 - VCGCD - TWDB GRSDC Grant - Addendum 2,
6.03 - CCGCD - FY2026 Budget - Adopted 20250825,
6.04 - RGCD - FY2026 Budget - Adopted 20250829,
6.05 - TGCD - FY2026 Budget - Adopted 20250828,
6.06 - CCGCD - Audited Financial Statements - FYE20240930,
6.07 - RGCD - Audited Financial Statements - FYE20240930,
6.08 - TGCD - Audited Financial Statements - FYE20240930,
6.09 - INTERA - Brackish Groundwater Characterization for VCGCD - 20190115,
6.10 - INTERA - Estimates of Subsidence in GMA 15 - 20160203,

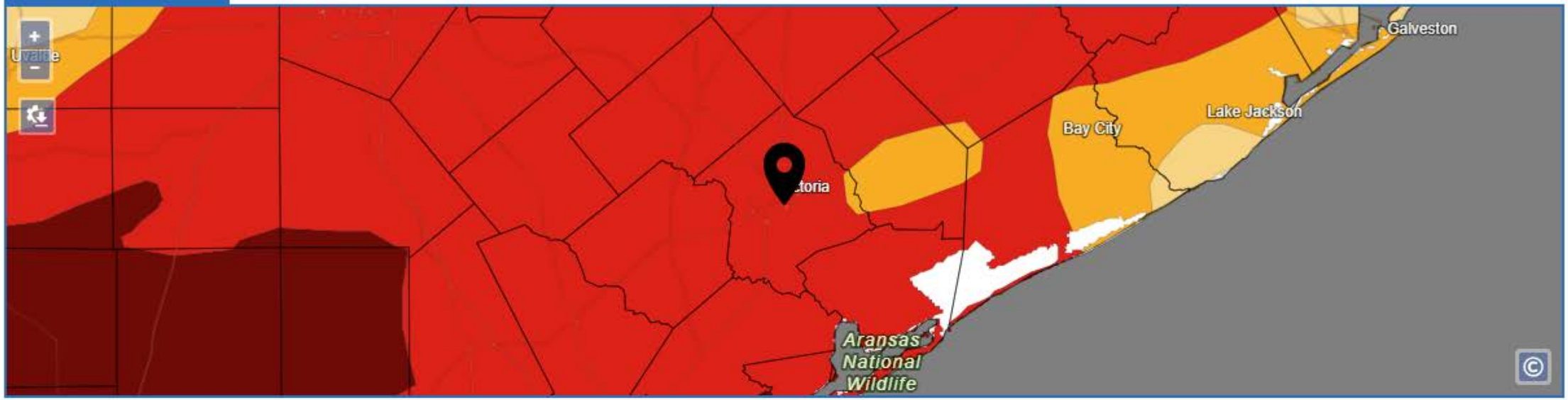
****

Before submitting your application, please review all the information provided on this application form carefully, and ensure all required attachments are appended to this PDF or included as email attachments.

Submit this completed application form and all required attachments by email to GCDGrants@twdb.texas.gov by **March 13, 2026, 2:00pm**. Use the subject: "FY2026 Groundwater Grant Application – <Your District Name>".

Current Conditions for Victoria County

U.S. Drought Monitor | 30-Day Precipitation | 30-Day Temperature



The U.S. Drought Monitor depicts the location and intensity of drought across the country using 5 classifications: Abnormally Dry (D0), showing areas that may be going into or are coming out of drought, and four levels of drought (D1–D4).

The U.S. Drought Monitor is a joint effort of the National Drought Mitigation Center, U.S. Department of Agriculture, and National Oceanic and Atmospheric Administration.

Source(s): NDMC, NOAA, USDA

Drought Index | Water Supply | Agriculture

DATA VALID: 03/31/26

Legend —

Drought & Dryness Categories	% of Victoria County
D0 - Abnormally Dry	0%
D1 – Moderate Drought	0%
D2 – Severe Drought	2.67%
D3 – Extreme Drought	97.33%
D4 – Exceptional Drought	0%
Total Area in Drought (D1–D4)	100.00%

Updates +

VIEW MORE NATIONAL DROUGHT MAPS

LEARN MORE

Scope of Work

The Victoria County Groundwater Conservation District (VCGCD), in cooperation with the Calhoun County Groundwater Conservation District (CCGCD), the Refugio Groundwater Conservation District (RGCD), and the Texana Groundwater Conservation District (TGCD), collectively referred to as the "cooperating districts", is requesting funds from the Texas Water Development Board's (TWDB) Fiscal Year (FY) 2026 Groundwater Research, Science, and Data Collection Grant program to complete a comprehensive subsidence analysis and long-term subsidence monitoring station to support the safe and sustainable development of brackish groundwater resources in the central region of Gulf Coast Aquifer in Texas. The project is referred to as The Development of the CGCBGF Model for Groundwater Management and Planning.

1 – Overall Impact and Value of Project

This project will produce meaningful and measurable outcomes that advance the best available science for groundwater management and planning in Texas. The project will improve the scientific understanding of land subsidence associated with groundwater production within the Central Gulf Coast Aquifer system and provide practical tools that groundwater conservation districts, regional planners, and the Texas Water Development Board (TWDB) can use to evaluate and manage subsidence risks. The project integrates satellite remote sensing, geodetic monitoring, historical groundwater datasets, and numerical groundwater modeling to develop improved datasets and predictive tools for evaluating aquifer compaction and land-surface deformation associated with groundwater withdrawals.

The outcomes of this project will directly support groundwater management decisions within the cooperating districts. Demand for water resources in the central region of Gulf Coast Aquifer continues to increase, particularly for municipal and industrial development. As a result, brackish groundwater resources are increasingly being considered as an important component of future water supply strategies. However, the potential relationship between brackish groundwater production, aquifer pressure decline, and land subsidence remains insufficiently quantified in the central region of Gulf Coast Aquifer in Texas. This project will provide the scientific information and analytical tools necessary for the cooperating districts to evaluate subsidence risks associated with existing and proposed brackish groundwater development and to support science-based groundwater permitting decisions.

The project will also provide important information for the joint planning process of Groundwater Management Area 15. Historically, land subsidence has not been explicitly incorporated into groundwater availability modeling or Desired Future Condition (DFC) evaluations within the management area. By compiling and analyzing satellite-based deformation measurements, groundwater production data, groundwater level trends, and geologic information describing compressible clay interbeds, the project will generate new datasets that can be incorporated into future updates of the Central Gulf Coast Groundwater Availability Model (GAM). These improvements will help ensure that subsidence impacts are considered in future groundwater planning and modeling efforts.

On the state level, the project will support the development of science-based policies and regulatory frameworks governing brackish groundwater production. Recent legislative initiatives in Texas have promoted the development of brackish groundwater resources to meet growing water supply needs. These initiatives promote the development of permitting frameworks and rules that encourage responsible groundwater development while protecting aquifer systems from unacceptable impacts such as land subsidence. The results of this project will provide groundwater conservation districts with the scientific information necessary to evaluate subsidence risks associated with brackish groundwater production and will provide a framework that other districts across Texas can use when developing rules and permitting strategies for brackish groundwater resources.

Land subsidence is particularly important for coastal communities because it compounds the impacts of relative sea-level rise. Previous studies have confirmed that land subsidence is a prominent contributing factor to relative sea-level rise in coastal cities worldwide (Tay et al., 2022). Three of the groundwater conservation districts participating in this project contain significant coastline, with Calhoun County alone containing approximately 570 miles of shoreline. Improved understanding of subsidence patterns in these counties will help local governments, water

planners, and water managers better evaluate long-term risks associated with coastal flooding, infrastructure stability, and ecosystem impacts.

1.1 Key Outcomes of the Project

1. **Advancement of Best Available Science for Groundwater Management**
   - The project will integrate satellite-based Interferometric Synthetic Aperture Radar (InSAR), ground-based Global Navigation Satellite System (GNSS) monitoring, historical groundwater datasets, and MODFLOW-6 CSUB subsidence modeling to create a comprehensive evaluation of subsidence in the Central Gulf Coast Aquifer system. These datasets and modeling tools will improve the scientific understanding of aquifer compaction and subsidence associated with groundwater withdrawals.
2. **Improved Groundwater Management Tools for GCDs and Regional Planning**
   - The project will provide datasets, monitoring infrastructure, and modeling tools that enable groundwater conservation districts to evaluate subsidence risks associated with brackish groundwater development. These tools will support groundwater permitting decisions, joint planning activities in Groundwater Management Area 15, and future updates to groundwater availability models.
3. **Statewide Transferability and Long-Term Monitoring Infrastructure**
   - Installation of a permanent GNSS-based subsidence monitoring station will provide continuous high-precision measurements of vertical land motion within the region. The monitoring data, subsidence datasets, and modeling tools developed through this project will be publicly available and transferable to other regions of Texas where groundwater development and subsidence risks must be evaluated.

Together, these outcomes will improve groundwater science, strengthen groundwater management decisions, and support the safe and sustainable development of groundwater resources throughout the Texas Gulf Coast region and across the state.

2 – Benefits for Groundwater Management

The proposed project will significantly improve groundwater management and planning across the central region of Gulf Coast Aquifer in Texas by expanding the scientific understanding of land subsidence associated with groundwater production and by providing practical tools for evaluating subsidence risks associated with future groundwater development. The project directly supports the safe and sustainable development of groundwater resources, particularly brackish groundwater, while protecting aquifer integrity and minimizing the risk of land-surface subsidence.

2.1 Local Groundwater Management Benefits

The project will provide direct benefits to local groundwater management efforts within the cooperating districts by improving the ability of the districts and permit applicants to evaluate potential subsidence impacts associated with groundwater development projects. In particular, the project will develop scientifically defensible datasets and modeling tools needed to credibly predict subsidence, if any, that may occur as a result of moderate to large-scale brackish groundwater production. The availability of these tools will improve the ability of groundwater conservation districts, permit applicants, and other interested parties to rely on credible scientific information when evaluating proposed groundwater production projects prior to final permitting decisions. In addition, the project will increase certainty that brackish groundwater projects permitted by the cooperating districts can proceed while minimizing the potential for unacceptable subsidence impacts.

The project also directly supports the regulatory framework for managing groundwater production and subsidence of the cooperating districts. The cooperating districts have adopted rules intended to balance the safe development of deep saline groundwater resources with protection against unacceptable land subsidence and/or drawdowns in shallower freshwater zones. These rules include provisions limiting acceptable subsidence impacts, establishing monitoring and reporting requirements for subsidence associated with certain production permits, and potentially requiring curtailment of groundwater production to control or prevent subsidence. See Rule 6.3(1)(1.5), Rule 6.4(4)(4.11), Rule 6.3.2(3), Rule 6.4.3(4)), and Rule 9.1(2) of the Rules of the Victoria County Groundwater Conservation District for more details.

In addition, the cooperating districts have adopted groundwater permitting rules intended to encourage the responsible development of deep-saline groundwater resources. These rules include designation of special groundwater management zones for deep-saline groundwater resources, reduced well spacing requirements for deep-saline production wells, modified well construction requirements, increased production allowances within designated deep-saline groundwater management zones, streamlined permit application requirements, and appropriate permit conditions governing brackish groundwater production. The proposed project will provide the scientific foundation needed to support implementation of these rules and improve the districts' ability to evaluate potential subsidence impacts associated with current and future brackish groundwater development. See Rule 1.1, Rule 2.4(9), Rule 2.3, Rule 6.4(1–2), Rule 6.4(3–4), Rule 6.4.1(1)(1.1–1.3), Rule 6.4.3, and Rule 6.4.4 of the Rules of the Victoria County Groundwater Conservation District for more details.

The project also supports groundwater management planning by providing improved technical information for evaluating Desired Future Conditions (DFCs) during the joint planning process. In particular, the results of the project will help representatives and technical consultants evaluate the factors established under Texas Water Code §36.108, including consideration of the potential impacts of proposed Desired Future Conditions on land subsidence as described in Section 36.108(d)(5). By improving the ability to evaluate the relationship between groundwater withdrawals, aquifer pressure decline, and land-surface deformation, the project will strengthen the scientific basis for groundwater management decisions within the cooperating districts.

2.2 Statewide Benefits and Advancement of Best Available Science

In addition to providing important local benefits, the proposed project will contribute to statewide groundwater science and management efforts by improving the datasets and analytical tools used to evaluate land subsidence across the Texas Gulf Coast region. The project will integrate satellite-based Interferometric Synthetic Aperture Radar (InSAR) measurements, ground-based deformation measurements from NOAA Continuous Operating Reference Stations, historical groundwater production records, groundwater-level data, and geologic information describing compressible clay interbeds within the Gulf Coast Aquifer system. The integration of these datasets will represent a comprehensive evaluation of subsidence in the central region of Gulf Coast Aquifer in Texas.

The project will also refine the Central Gulf Coast Brackish Groundwater Flow Model (CGCBGF Model) and apply the MODFLOW-6 CSUB subsidence module to simulate aquifer compaction and associated land-surface deformation. These modeling tools will improve the ability of groundwater managers and researchers to evaluate the relationship between groundwater withdrawals and subsidence, and they will provide a transferable technical framework that may be applied to other areas of the Texas Gulf Coast where subsidence associated with groundwater development is a concern.

In addition, the installation of a permanent Global Navigation Satellite System (GNSS) subsidence monitoring station will provide continuous high-precision measurements of vertical land motion within the region. These observations will provide independent validation of satellite-based subsidence measurements and support long-term monitoring of aquifer system response to groundwater production. The monitoring data and modeling tools developed through this project will contribute to the body of publicly available scientific information used by groundwater conservation districts, regional water planning groups, and the Texas Water Development Board to support groundwater management, subsidence assessment, and sustainable groundwater development across Texas.

3 – Capacity and Commitment of the Victoria County Groundwater Conservation District

The VCGCD has demonstrated both the administrative capacity and the institutional commitment necessary to successfully manage and complete this project. The project team includes a dedicated grant coordinator who will oversee the administrative and financial responsibilities associated with managing the grant, including documentation, reporting, and compliance with Texas Water Development Board (TWDB) grant requirements. This administrative support ensures the VCGCD has the capability to effectively receive and manage grant funds.

3.1 Victoria County Groundwater Conservation District's Capacity

The organizational structure of the VCGCD is sufficient to manage and administer the proposed project. The operations of the VCGCD are carried out by a staff of seven positions and several consultants who support groundwater management, monitoring, and administrative functions. Management of the VCGCD is provided by Tim Andruss, General Manager, who will serve as the project manager for this project. Administrative support will be provided by Caitlynn Davenport and Lisa Ramirez, Administrative Coordinators, who assist with financial administration, grant documentation, and day-to-day operational support for the VCGCD. Permitting and enforcement activities are supported by Mike Benavides and Corbin Karl, Compliance Specialists, who manage regulatory compliance and permit-related activities within the VCGCD. Field services are provided by Willie Immenhauser, Aquifer Monitoring Technician, along with an additional technician position that supports aquifer monitoring and data collection activities for the VCCGD. This organizational structure provides the personnel and administrative framework necessary to successfully manage project activities, oversee grant administration, and ensure completion of project deliverables.

Project management will be led by Tim Andruss, who has extensive experience overseeing groundwater-related programs and regional water planning initiatives. Mr. Andruss has served as Chair of Groundwater Management Area (GMA) 15 for three joint planning cycles and previously served as Chair of the South Central Regional Water Planning Group Water Planning Group. His experience managing large, multi-agency groundwater initiatives will be instrumental in coordinating the technical team, managing project timelines, and ensuring successful completion of project objectives.

The VCGCD has a strong track record of successfully administering groundwater research projects. One example includes an Aquifer Storage and Recovery (ASR) demonstration study funded through a TWDB groundwater grant of approximately $285,000 over a three-year period. Mr. Andruss and his team successfully managed the financial, administrative, and technical components of that study. In addition, the districts have previously funded regional investigations of historical subsidence and have already developed a regional brackish groundwater flow model to support evaluation of brackish groundwater development.

3.2 Victoria County Groundwater Conservation District's Commitment

The VCGCD has maintained an active groundwater science program for approximately 15 years, demonstrating a long-standing commitment to advancing groundwater research and improving the scientific basis for groundwater management decisions. The proposed project builds directly upon these prior efforts and reflects the cooperating districts' continued investment in understanding subsidence and groundwater resource development.

The cooperating districts have also demonstrated financial commitment to completing the project. District staff will provide approximately $10,000 in in-kind services, and the cooperating districts have budgeted $40,000 in direct funding available to support project implementation. In addition, the districts have sufficient financial resources available to begin work immediately and do not require advance funding from TWDB to initiate project activities.

Importantly, the districts have a clear commitment to using the results of this project to support groundwater management and rulemaking related to brackish groundwater production. The scientific findings generated through this study will help inform the rulemaking process for brackish groundwater development and provide a defensible technical basis for evaluating potential subsidence impacts associated with existing and proposed permits. Ultimately, the districts intend to use the results of this project to support the safe and sustainable development of brackish groundwater resources while protecting aquifer integrity and minimizing the risk of land subsidence.

4 – Technical Approach and Feasibility

The VCGCD proposes a technical approach based on successful projects of a similar nature and has assembled a project team with the expertise and experience to perform their assigned tasks with a high degree of quality and efficiency. The principal investigators of the project team are Steve Young, PhD, PE, PG. of INTERA; Joe Hughes, PhD. of INTERA; Zhong Lu, PhD. of Southern Methodist University; and Guoquan Wang, PhD. of University of Houston.

The Interferometric synthetic aperture radar (InSAR) study to measure land subsidence will be led by Dr. Zhong Lu, who has conducted numerous similar studies along the Texas Gulf Coast, including InSAR investigations for the Harris-Galveston Subsidence District (HGSD) and two groundwater conservation districts (GCDs) in GMA 15.

The development of the CGCBGF Model has been on-going for approximately nine years by INTERA, Inc. INTERA has performed numerous aquifer characterization studies and modeling projects in Texas for the past 20 years. INTERA's experience and expertise in groundwater modeling is strengthened by the recent addition of Dr. Joseph Hughes, who is the principal codeveloper of MODFLOW 6 and the principal developer of the CSUB subsidence package. Dr. Hughes has been working extensively on applying both MODFLOW 6 and CSUB models in the Gulf Coast Aquifer System for the last year and is well positioned to successfully incorporate CSUB into the CGCBGF Model. The approach for calibrating the CSUB module using measured subsidence and water level values is based on similar projects successfully executed by the HGSD in Texas and the California Department of Water Resources.

The construction and operation of the proposed subsidence monitoring station is based on guidelines, instructions, and vendors used by HGSD to develop their successful monitoring network consisting of several hundred stations. To continue that success, INTERA has established communications with all of HGSD major vendors and are planning on using the same vendors to HGSD for the majority of the work.

4.2 Project Tasks

4.2.1 Task 1 – InSAR Study

Interferometric synthetic aperture radar (InSAR), which is a remote sensing technique, has proven to be an effective method for measuring land subsidence in the Northern Gulf Coast (Qu and Lu, 2022). In the northern Gulf Coast region near Houston, InSAR techniques have successfully mapped both groundwater-related subsidence and the locations of geologic faults (Qu and Lu, 2022). As part of this project, InSAR will be used to map land-surface deformation across the four-county study area from 2018 through 2025. The results will also provide an important dataset for evaluating the groundwater-compaction processes that will be simulated in Tasks 2 and 3 of this project.

Land subsidence is particularly of concern for counties with coastlines because of the compounding impact that land subsidence has with sea-level rise on coastal communities. Previous studies have confirmed that land subsidence is a prominent contributing factor of the relative sea level rise in many coastal cities worldwide (Tay et al., 2022). All of the counties within the study area of this project have coastlines with Calhoun County having approximately 570 miles of coastline.

Subtask 1a – Collection and Analysis of InSAR data.

Multiple sets of InSAR data will be collected and analyzed from January 2018 through December 2025 across all of Calhoun, Jackson, Refugio, and Victoria counties. The InSAR data will be collected and analyzed by a team of geophysicists under the supervision of Dr. Zhong Lu, the Shuler-Foscue Endowed Chair Professor of Geophysics in the Huffington Department of Earth Sciences and Professor of Civil Environmental Engineering at Southern Methodist University (SMU). The expected precision of the deformation measurements from the InSAR analysis will be approximately 1 cm/year. Conventional interferometric SAR (InSAR) can be limited by the spatial and temporal decorrelation between radar acquisitions, which can reduce the robustness of deformation estimates (Lu and Dzurisin, 2014). To overcome these limitations, multi-temporal InSAR (MTI) techniques (Ferretti et al., 2001; Berardino et al., 2002; Hooper et al., 2004, Hooper, 2008; Qu et al., 2015, 2019) will be applied. These MTI techniques have been successfully implemented as part of INTERA and SMU joint InSAR studies in Wharton and Matagorda counties (Young et al. 2020a, 2020b).

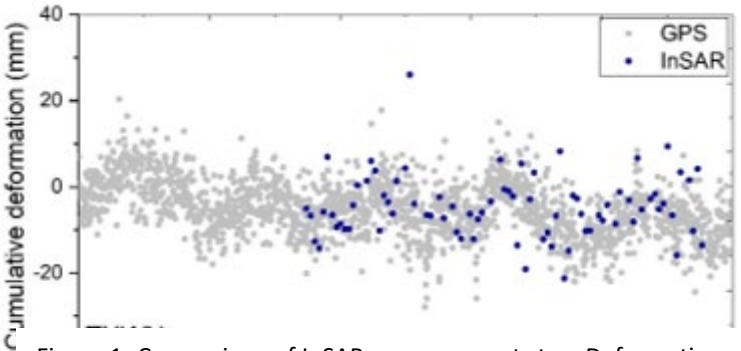


Figure 1- Comparison of InSAR measurements to a Deformation Measured at a Continuous Operating Reference Station (CORS) in Wharton County (Young et al. 2020)

For each county, time-series of deformation results will be generated from multiple radar scenes (snapshots), supporting the evaluation of changes in land-surface elevation. Multiple scenes will be analyzed each year. Most of the trend analysis will be performed on

annual average deformation rates. At approximately twenty sites, the results for each scene will be plotted to identify possible seasonality effect as is shown in Figure 1. To verify the accuracy of the InSAR-derived deformation measurements, the results will be compared to the deformation measured at Continuous Operating Reference Station (CORS) operated by the National Oceanic & Atmospheric Agency (NOAA). Relevant stations are located at Victoria, City of Enda, and Port Lavaca in Victoria, Jackson, and Calhoun counties, respectively. Figure 1 presents an example comparison between InSAR-derived deformation measurements and CORS observations from a previous INTERA/SMU InSAR study for Coastal Bend GCD. The comparison demonstrates the consistency between satellite-based deformation measurements and ground-based observations.

Subtask 1b – Prepare Report

INTERA will prepare a technical report documenting methods used for InSAR data collection, processing, and analysis. InSAR measurements can achieve spatial resolutions as fine as approximately 20 meters. However, for reporting and analytical purposes, the spatial datasets will likely be aggregated to grid resolution greater than 100 meters to improve data stability and facilitate interpretation of regional deformation patterns. Temporal averaging will generally be performed on an annual basis to aid in identifying statistically significant trends in land-surface deformation within each county of the project area. The report will include graphical analyses illustrating groundwater level trends and groundwater production over time, along with comparisons to the observed deformation time series derived from the InSAR analysis. These comparisons will be used to evaluate potential correlations between groundwater level declines, pumping patterns, and observed land surface deformation. Where such relationships are identified, the magnitude and statistical significance of the correlations will be quantified. Where appropriate, the maps of the deformation rates will be developed to identify possible locations of geologic faults.

Subtask 1c – Deliverables for Task 1.

Deliverables for Task 1 will include the following:

- GIS-compatible spatial datasets containing processed InSAR deformation measurements for the study area
- time-series deformation datasets derived from the InSAR analysis
- comparison datasets between InSAR-derived deformation and CORS observations
- a technical report prepared by INTERA documenting the methods, datasets, and results of the InSAR analysis

Task 2 – Model Historical Subsidence

From the 1970s through the mid-2000s, most land subsidence investigations in Texas focused almost exclusively on the greater Houston region, particularly studies funded by the Harris–Galveston Subsidence District (HGSD) and the Fort Bend Subsidence District (FBSD). With increased interest and funding associated with the Lower Colorado River Authority–San Antonio Water System Water Project (LSWP), which proposed exporting groundwater from the Lower Colorado River Basin (LCRB) to the City of San Antonio, the geographic focus of subsidence investigations expanded southward to include Wharton, Matagorda, and Jackson counties. These counties have experienced substantial groundwater withdrawals for rice irrigation since the mid-1940s.

Results from previous investigations modeling studies (URS, 2007; Kasmarek, 2012) indicate that notable land subsidence had occurred in these three counties since the 1940s. However, there has yet to be a study to show evidence of measured subsidence. With the possible exception of a TWDB report by Ratzlaff (1982), which compiled a limited amount of land subsidence data in the Gulf Coast, no comprehensive study had documented measured land subsidence across the four counties managed by the Districts had occurred prior to 2015.

In response to growing concerns regarding the potential impacts of subsidence, the cooperating districts joined with three additional groundwater conservation districts within Groundwater Management Area 15 (GMA 15) to fund a regional investigation of land subsidence. This study, conducted by INTERA (Young et al., 2016), concluded that measurable subsidence had occurred in all four counties. The results indicated that sufficient subsidence had already taken place to warrant further evaluation of high-capacity groundwater production wells and their potential to induce additional land subsidence in the region.

Subtask 2a – Literature Search on Historical Subsidence, Production and Water Levels

The objective for Subtask 2a is to assemble information regarding historical subsidence, groundwater production and water levels needed to support the modeling of subsidence in Task 2b. To obtain the historical production and water level data, the project team will query the TWDB groundwater database, the TWDB GAMs for the Central Gulf Coast, and the TWBD county reports. In addition, the project team will query groundwater studies performed by consultants for GCDs and municipalities such as the LWSP (Young and Kelley, 2009). Figure 4-2 shows an example of the type of historical pumping data that can be obtained among the different data sources for Jackson County. We anticipate collecting similar types of data for Calhoun, Refugio, and Victoria counties. For the subject counties, the TWDB has estimates of production since 1988. The most comprehensive source for measured land subsidence will be the aforementioned study by Young et al. (2016). The findings of Young et al. (2016) include:

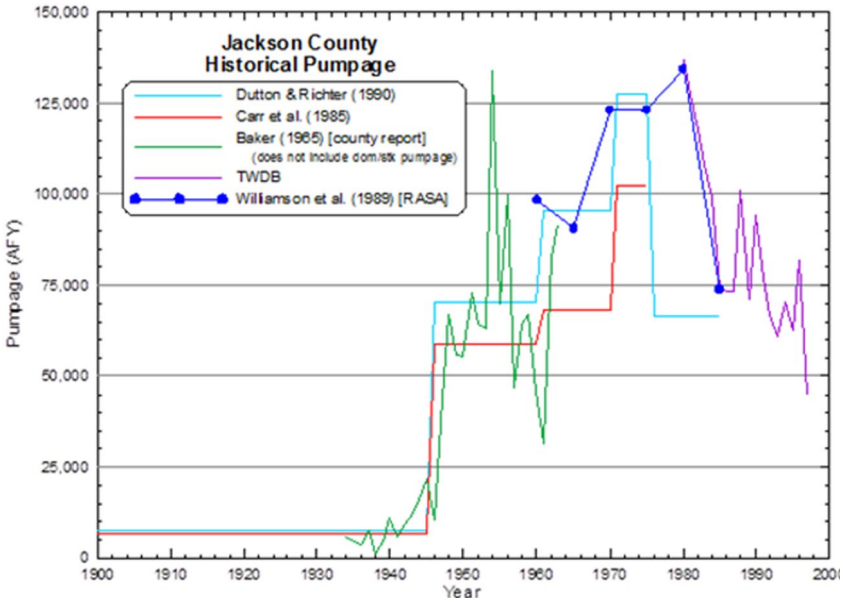


Figure 4-2. Total Groundwater Pumpage in Jackson County between 1900 and 2000 from different information sources

"Estimate historical land subsidence in seven counties in GMA 15. The report presents ground surface elevation data from National Geodectic Survey (NGS) benchmarks called Permanent Identifiers (PIDs), old topographic maps, and LIght and raDAR (LIDAR) data from seven counties in GMA 15. The PID data provide ground surface elevations at 1,700 point locations prior to 1950. The topographic maps cover approximately 2,150 square miles and were constructed between 1950 and 1960. To extract point location data from the topographic maps, the maps were digitized and converted to Geographic Information System (GIS) files. The LIDAR data cover approximately 2,500 square miles and were collected after 2006. The joint analysis of these three data sets support the following conclusions:

- *The LIDAR and PID data indicate that DeWitt, Jackson, Matagorda, Refugio, Victoria, and Wharton counties have experienced at least 2 ft of land subsidence, and Calhoun County has experienced at least 1.5 ft of land subsidence.*
- *The LIDAR and topographic map data indicate that Calhoun, DeWitt, Jackson, Matagorda, Refugio, Victoria, and Wharton counties have experienced at least 2 ft of land subsidence since 1950.*
- *An analysis of the PID data, topographic map data, and LIDAR data indicates that more than two feet of average subsidence has occurred across about 100 square miles covering southwest Wharton, southeast Jackson, and northwest Matagorda counties. (p. 48-49)*

Subtask 2b – Site Selection and Parameterization of Subsidence Model

The most advanced MODFLOW package available for simulating aquifer compaction and land subsidence is the Skeletal Storage, Compaction, and Subsidence (CSUB) package (Hughes et al., 2022). CSUB is a module within the MODFLOW 6 groundwater modeling framework (Hughes et al., 2017) that can be run either as part of an integrated groundwater flow model or as a stand-alone subsidence model. For the purposes of this subtask, CSUB will be implemented as a stand-alone model in which measured groundwater levels are used as inputs to simulate compaction and land-surface deformation. The algorithms in that CSUB package that simulate compaction and land subsidence are similar to those used by PRESS (Espey, Huston, and Associates, Inc. 1982), used by the HGSD since the early 1980s to simulate subsidence. Although both CSUB and PRESS can be used as stand-alone models, only CSUB has the ability to be coupled directly within a groundwater flow model.

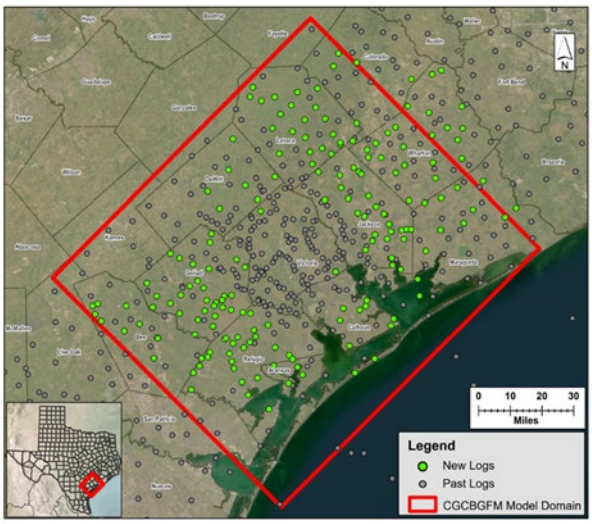


Figure 4-3. Location of 480 geophysical logs in the Central Gulf Coast Brackish Groundwater Flow Model

Both the PRESS and CSUB models simulate land subsidence using Terzaghi's theory of one-dimensional consolidation (Terzaghi, 1925), in which compaction is controlled by changes in groundwater levels (or pore pressure), the geotechnical and hydraulic properties of the clay units, variations in effective stress associated with groundwater level fluctuation, and characterization of the distribution of the clay interbeds within the aquifer system. The characterization of the clay interbeds is typically performed by interpreting individual geophysical logs and interpreting between the logs. When implemented as stand-alone models, both the historical PRESS subsidence models and the CSUB module require groundwater heads to be specified based on measured water levels rather than simulated values from a groundwater flow model which will be achieved with data developed under Subtask 2a.

Land subsidence is primarily controlled by the compaction of fine-grained clay interbeds within the aquifer system. Therefore, accurate representation of the thickness and distribution of clay layers is critical for developing reliable subsidence simulations. For each modeling site, the number and thickness of clay interbeds will be determined through interpolation and interpretation of nearby geophysical logs. Figure 4-3 shows the locations of the approximately 480 geophysical logs that were previously used to construct and calibrate the Central Gulf Coast Brackish Groundwater Flow Model (CGCBGFM) (Yang et al., 2026; Young et al., 2018). These logs provide the stratigraphic framework needed to characterize the distribution of compressible clay units within the aquifer system.

As part of this subtask, CSUB models will be created for at least ten locations. The subsidence history at each site will be developed by integrating deformation estimates from the InSAR analysis described in Subtask 1a with historical groundwater production and water-level datasets compiled in Subtask 2a. Clay interbed properties at each site will be estimated through interpretation of geophysical logs and regional stratigraphic data. The range of geotechnical and hydraulic properties assigned to the clay interbeds will be based on several sources, including results from previously developed PRESS models (Fugro, Inc., 2013), the Gulf Coast Groundwater Availability Model (GAM) developed for GMA 14 (Ellis et al., 2023; Keester et al., 2025), laboratory measurements of clay properties (McClelland Engineering, 1979; Fugro, Inc., 2013), and field measurements of clay compressibility and hydraulic characteristics reported in previous Gulf Coast studies (Gabrysch, 1982).

Subtask 2c– Simulated Historical Subsidence

The CSUB model will be applied in a manner similar to the approach historically used by the HGSD with the PRESS models since the 1980s (Espey, Huston and Associates, Inc., 1982; Fugro, Inc., 2013). HGSD has developed PRESS models for 26 monitoring locations across the greater Houston region. At each site, the PRESS models were calibrated to reproduce the historical subsidence measured at that location. In these models, measured groundwater-levels are entered into PRESS to represent the hydraulic head in the permeable deposits that house the clay interbed. The lowering the pressure in the more permeable deposits leads to a gradual depressurization of compressible clay layers over time, which is a primary cause of land subsidence.

During calibration of the PRESS models, the hydraulic properties (such as hydraulic conductivity) and geotechnical properties (such as the coefficient of compressibility) were adjusted until acceptable agreement between simulated and observed subsidence was achieved. For predictive simulations, the PRESS models were subsequently driven by groundwater-level changes simulated by regional groundwater flow models, while retaining the clay properties determined during the calibration process.

This modeling approach has recently been adopted by the State of California as part of a Best Management Practice (BMP) framework for evaluating and mitigating land subsidence (Ellis et al., 2025; INTERA, 2025). In California's implementation, the CSUB model is used instead of the PRESS model to simulate interbed compaction. Approximately 50 locations were evaluated in California using this approach to reconstruct historical subsidence and support groundwater management planning.

As described in Subtask 2b, at least ten representative sites within the project area will be selected for developing site-specific CSUB models to simulate historical subsidence. The estimated subsidence at each site will be based on comparisons between historical National Geodetic Survey (NGS) benchmark elevations and modern elevation datasets spanning approximately 50 years. Figure 4-4 shows the locations of the NGS benchmarks used in the study by Young (2018), which represent candidate locations for the CSUB simulations.

Site selection will consider several criteria, including the availability of nearby water wells that provide historical groundwater-level records and the presence of geophysical logs that can be used to characterize the thickness and distribution of clay interbeds. In addition, the selection process will consider locations where significant subsidence has already been estimated. Table 4-1 lists locations within the counties shown in Figure 4-4 where more than 1.5 feet of subsidence was calculated by Young (2018) for NGS benchmarks located within two miles of one another.

A report will be prepared by INTERA documenting the development, calibration, and application of the CSUB models used to simulate historical subsidence within the study area.

Table 4-1 Number of Paired PID locations where land subsidence is greater than 1.5 feet and 2.0 ft by county from before 1950 to after 2006 (from Young, 2018)

County	Number of Instances where the calculated land subsidence is greater than 1.5 ft (or 2.0 ft) at NGS benchmarks that are within 2 miles of each other	
	1.5 ft	2 ft
Calhoun	**3**	**0**
DeWitt	14	8
Jackson	**23**	**16**
Matagorda	63	29
Refugio	**16**	**6**
Victoria	**11**	**9**
Wharton	64	38

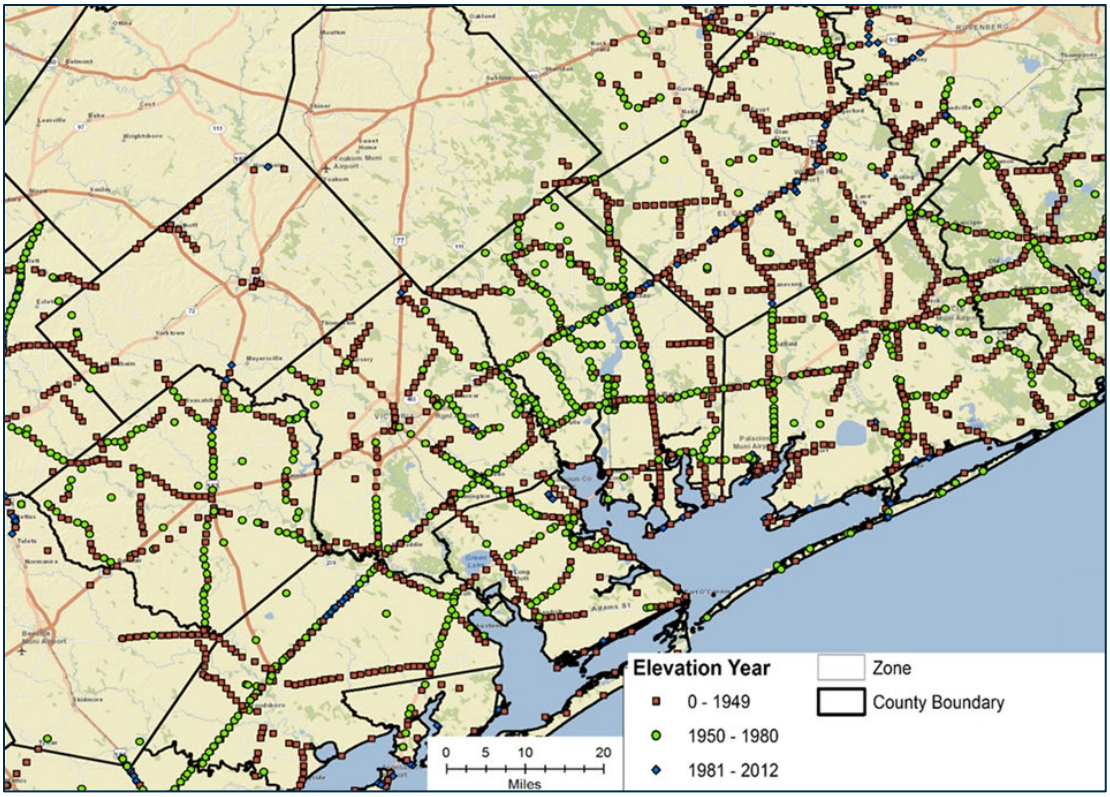


Figure 4-4 The dataset of NGS benchmarks downloaded from http://geodesy.noaa.gov/ and used to determine the amount of land subsidence by comparing their elevations to LIDAR elevations measured after 2006 (from Young, 2018)

Subtask 2d– Deliverables

The deliverables for Task 2 will consist of documentation and modeling files describing the development and application of the CSUB models used to simulate historical land subsidence. These deliverables will include a report that summarizes the data compilation, modeling methodology, calibration procedures, and results of the subsidence simulations conducted for the selected study sites.

The deliverables will also include electronic copies of the CSUB model input and output files developed for the selected locations. These model files will allow the cooperating district, TWDB, and other interested parties to reproduce the subsidence simulations and provide a foundation for incorporating the calibrated subsidence parameters into the regional groundwater flow model described in Task 3.

Task 3 – Model Update the Central Gulf Coast Brackish Groundwater Flow Model (CGCBGF Model)

The CGCBGF model (Yang et al. 2025) is a MODFLOW 6 model that includes all or portions of 19 counties in the Central Gulf Coast of Texas. Figure 4-3 shows the 11,730 square miles covered by the model domain. The cooperating districts developed the CGCBGF Model to help estimate the impacts of brackish water development on fresh groundwater resources and to help develop rules for permitting brackish groundwater production. The CGCBGWF model uses 15 model layers to represent the nine formations that comprise the Chicot, Evangeline, Burkeville, and Jasper hydrogeologic units (Young et al. 2010). The refined three-dimensional structure in the CGCBGWF Model provides for significantly better vertical placement of well screens, of pumping, and of differences in transmissivity than the four-layer structure of the current GAM (Chowdhury et al. 2004).

Subtask 3a – Integrate Subsidence Module into CGCBGWF Model

One of the intended purposes of the CGCBGF Model is to provide a tool for potential permit applicants to use to access the feasibility of developing brackish groundwater. The CCGCD, RGCD, and TGCD are in the process of finalizing the development of rules, similar to those previously completed by the VCGCD, to promote brackish production by providing a significantly higher maximum production allocation per acre than allowed for fresh groundwater. The higher allocation is provided with the requirement that curtailment of production will be enforced if triggers for either drawdown in selected monitoring wells or land subsidence at designated monitoring stations are exceeded. Hence, the permittee has a major incentive to perform an appropriate level of aquifer characterization and groundwater model prior to construction a well field. The cooperating districts offer the CGCBGF Model to permit applicants as a starting point from which to perform site specific analysis and then use the results of the analysis to modify the parameters in the CGCBGWF Model accordingly.

Currently, there are no tools that are well suited for assessing the impacts of brackish production on subsidence for the central portion of the Gulf Coast Aquifer. In order to provide permitting applicants and the cooperating districts with a practical tool for predicting subsidence, CSUB will be integrated into the CGCBGF Model. Dr. Joe Hughes, who is the primary developer of CSUB and a coprincipal developer of MODFLOW 6, will incorporate CSUB into the CGCBGF Model.

Following the successful integration of CSUB, the capabilities of CGCBGF Model to provide reasonable predictions of subsidence will be tested by simulating drawdowns and subsidence for several of the historical subsidence simulation sites modeled in Task 2. The resulting outcomes of these simulations will be documented in a report that will be available to the public.

Subtask 3b – Simulate Future Subsidence for Modeled Available Groundwater (MAG).

The representatives of Groundwater Management Area 15 (GMA 15) have historically adopted drawdown-based Desired Future Conditions (DFC) without the benefit of an assessment of simulated land subsidence. However, representatives have expressed interest in considering potential land subsidence in the development of desired future conditions for relevant aquifers of GMA 15. For this subtask, the CGCBGF Model with CSUB will be used to predict and document the spatial distribution of land subsidence, if any, that will occur through 2080 based on the groundwater pumping scenario used to demonstrate feasibility for the adopted DFC.

Subtask 3c – Deliverables for Task 3.

The deliverables for Task 3 will include the model files for the CGCBGWF Model for simulating the MAG and a report summarizing the land subsidence predictions developed under Subtask 3b.

4.2.4 Task 4 – Install Subsidence Monitoring Station

The installation of a permanent subsidence monitoring station (SMS) represents a critical component of this project. The SMS will provide direct, continuous, and independently verifiable measurements of land-surface elevation change within the District that can be used to evaluate simulated land subsidence impacts and improve the future modifications of the CSUB packet coupled with the CGCBGF Model. While Tasks 1 through 3 focus on the interpretation of remote sensing data (InSAR), historical subsidence, and predictive modeling using the MODFLOW 6 CSUB package, Task 4 establishes the ground-based geodetic measurements that are required to validate relationship between groundwater production and any measurable land surface changes.

Remote sensing methods such as InSAR provide spatially extensive measurements of deformation; however, these techniques benefit from calibration and validation using high-precision ground-based geodetic monuments. The monitoring station installed as part of this project will provide a stable reference point for evaluating deformation trends detected in the InSAR analysis described in Task 1. Additionally, the time-series elevation measurements generated by the station will support evaluation of subsidence predicted by the CSUB simulations described in Task 2 and Task 3.

From a groundwater management perspective, the monitoring station will provide the cooperating districts with continuous and defensible measurements of vertical land motion, allowing the districts to detect early signs of subsidence acceleration associated with brackish groundwater withdrawals. These data will inform future evaluations of groundwater production rules, Desired Future Conditions (DFC) compliance, and long-term aquifer

sustainability assessments. The monitoring station will also provide the districts with an early warning capability, allowing managers and decision-makers to identify areas where groundwater withdrawals may be producing undesirable compaction of aquifer sediments before significant infrastructure damage or irreversible aquifer compaction occurs.

Current and anticipated brackish production rules require that a land subsidence monitoring station be installed at actively permitted brackish wellfields. Installation of this monitoring station provides the cooperating district with meaningful experience to guide and assist in the installation of future stations.

The monitoring station will be designed following engineering practices similar to those used by the HGSD which operates one of the most successful subsidence monitoring networks in the United States. The design will ensure the monument is anchored below the zone of seasonal soil moisture fluctuations and shallow ground movement so that the station measures true land-surface deformation rather than shallow soil movement.

The following subtasks describe the procedures used to identify the optimal station location, construct the monitoring monument, install geodetic instrumentation, and process the resulting deformation measurements.

Subtask 4a– Site Selection, Engineering Design, and Purchase of Equipment

The first step in establishing the monitoring station is to identify an appropriate installation site that maximizes the value of the measurements for groundwater management while ensuring long-term monument stability. Site selection will be conducted through a structured process that integrates hydrogeologic considerations, groundwater production patterns, infrastructure proximity, and monument stability requirements.

Initial candidate locations will be identified through a desktop screening analysis. This screening will evaluate areas where subsidence risk is expected to be greatest based on groundwater production data, aquifer characteristics, and the results of the InSAR analysis described in Task 1. Particular attention will be given to locations associated with high-capacity groundwater production from the Gulf Coast Aquifer system, including brackish groundwater production wells. Three major well fields currently operating or planned in the region provide particularly relevant monitoring targets. One of these wellfields is expected to produce approximately 3,400 acre-feet of brackish groundwater per year (AFY), another wellfield associated with a barge canal project is expected to produce approximately 11,200 AFY of brackish groundwater, and another municipal wellfield is permitted to produce at approximately 11,700 AFY of relatively fresh groundwater. These high-capacity pumping centers represent areas where aquifer compaction and associated subsidence may occur if groundwater withdrawals induce significant declines in pore pressure within compressible sediments.

The desktop analysis will evaluate candidate locations based on several criteria including:

- proximity to major groundwater production centers
- representation of areas identified as potential deformation zones in the InSAR analysis
- availability of stable ground conditions suitable for monument installation
- land ownership and accessibility
- long-term protection from disturbance or vandalism
- proximity to infrastructure that could be impacted by subsidence

Following the desktop screening, the project team will conduct field reconnaissance visits to evaluate the most promising candidate sites. Field investigations will assess ground stability, site security, potential obstructions to satellite reception, solar exposure for the power systems, and logistical considerations for installation and maintenance.

Once a preferred site has been selected, the engineering design for the monument and instrumentation platform will be finalized. All required land access agreements, permits, and permissions will be secured prior to construction.

Dr. Guoquan Wang of the University of Houston has agreed to provide technical guidance on the electronic configuration of the station and the processing of the resulting GNSS data using workflows comparable to those employed by the Harris–Galveston Subsidence District. Vendors for all major equipment components have been contacted, and cost estimates have been obtained in 2026 dollars, ensuring that the equipment procurement portion of the project can be executed efficiently once the site selection process is completed.

Subtask 4b– Construction and QA/QC of Monitoring Station

Following completion of site selection and engineering design, the monitoring station monument will be installed. The monument design is based on the Port-A-Measure (PAMS) stations used by the HGSD and is illustrated in Figure 4-5. While the design will follow this proven configuration, minor modifications may be made to accommodate site-specific conditions encountered during installation.

The monument will consist of a deep-anchored pipe structure designed to isolate geodetic measurements from shallow soil movement. The principal components of the monument include:

- 34 feet total embedment below ground surface
- 4-inch Schedule 40 PVC outer casing
- 2-inch galvanized steel inner pipe
- Concrete plug installed approximately 6 feet from bottom
- Two centering bands to reduce internal movement
- 8 feet of exposed galvanized pole above ground
- 5 x 5 ft Concrete slab with 10-inch tube form to separate pole from slab
- Protective bollards around slab

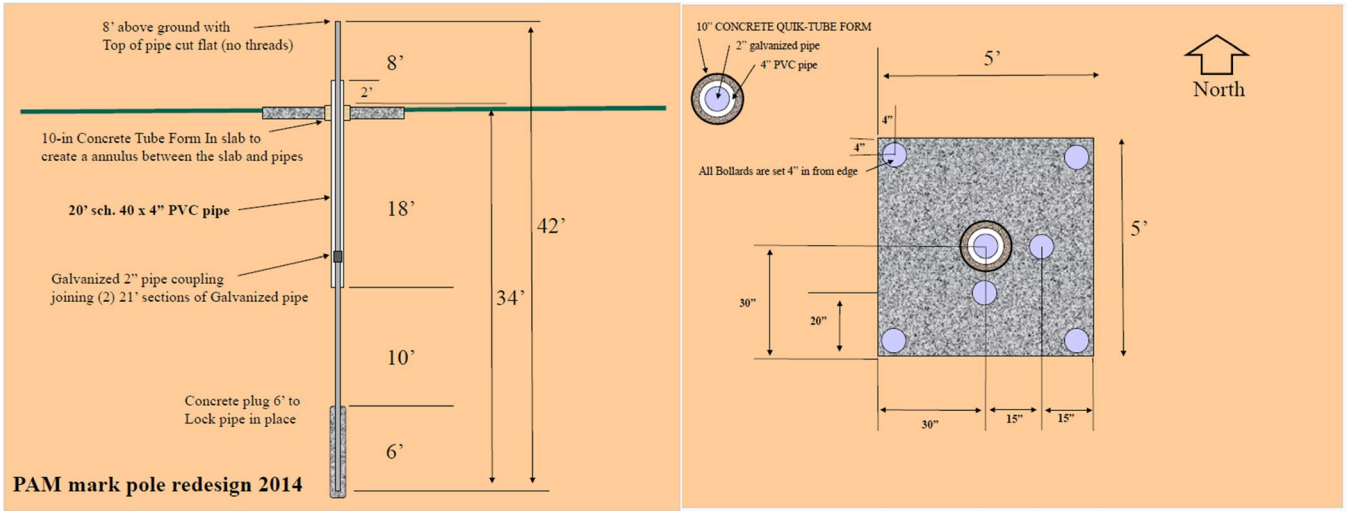


Figure 4-5 Subsidence monitoring station design from HGSD that the proposed subsidence stations is based. Certain measurements and design features will be modified based on information gathered during the site selection process.

The drilling contractor will be responsible for constructing the borehole, installing the outer casing, and setting the inner galvanized pipe. The concrete plug placed near the bottom of the installation locks the inner pipe in place and creates a rigid connection with deeper subsurface materials. This configuration produces a monument that is effectively decoupled from shallow soil deformation, allowing it to accurately measure vertical land motion associated with aquifer compaction.

Centering bands installed between the inner pipe and the outer casing reduce internal movement and ensure the inner pipe remains stable over time. Above ground, the galvanized pipe will extend approximately eight feet above

the ground surface, providing adequate height for installation of GNSS equipment while minimizing risk of vandalism or signal interference.

The concrete slab surrounding the monument will be poured using a tube form that isolates the monument pole from the slab mass. This design prevents expansion or contraction of the slab due to soil moisture variations from influencing the monument's vertical stability. Protective bollards will be installed around the slab to prevent accidental impacts from vehicles or equipment.

Once the monument has been installed, geodetic instrumentation will be mounted and configured. The final station configuration will resemble the example shown in Figure 4-6.

The monitoring station will include the following equipment:

- Trimble Alloy multi-frequency GNSS receiver
- Trimble Zephyr Geodetic 3 antenna
- Precision Machining antenna adapter (pole cap)
- Ameresco Solar 40W solar panel
- Battery and solar regulator
- Weatherproof enclosure and mounts
- Telemetry system (T4D or equivalent)
- DAC SIM card for cellular transmission
- Antenna and power cabling

Figure 4-6 Example of a complete subsidence monitoring station with all geodetic instrumentation and power supply equipment installed.

Following installation, the project team will conduct quality assurance and quality control checks to ensure that the monument and instrumentation are operating correctly. These checks will include verification of satellite signal reception, power system performance, and initial geodetic data acquisition.

Subtask 4c– Process and Record Measured Subsidence

Although monument installation is mechanically straightforward, processing high-precision GNSS data to derive reliable vertical deformation measurements requires specialized expertise and significant computational resources. Because of this complexity, GNSS data processing will be subcontracted to Dr. Guoquan Wang at the University of Houston, who has extensive experience processing geodetic data from subsidence monitoring networks.

Two potential operational configurations are available for acquiring and processing GNSS data from the monitoring station.

Remote Data Configuration

In this configuration the station will operate autonomously and transmit data continuously to a remote processing server. The system will provide:

- continuous GNSS data streaming
- automated data upload through the cellular network

This configuration minimizes the need for field visits and allows the cooperating districts to access deformation measurements soon after they are collected.

Manual Data Retrieval Configuration

Under this alternative configuration, GNSS data would be retrieved manually through periodic site visits. This configuration would involve:

- monthly field visits to download data from the receiver
- local storage and transfer of data files
- manual submission to the processing center

Although the manual configuration is operationally feasible, the remote configuration is expected to be preferred because it minimizes field labor and provides continuous monitoring capability.

Processed data will produce a time-series record of vertical land motion at the monitoring station, typically reported as millimeters or centimeters of vertical displacement relative to a stable geodetic reference frame. These data will be archived and integrated with the deformation datasets developed in Task 1 and the modeling results generated in Tasks 2 and 3.

Subtask 4d– Deliverables

The primary deliverables for Task 4 will consist of the following:

- installation of a fully operational subsidence monitoring station within the project area
- documentation of the station design, installation procedures, and equipment configuration
- processed GNSS datasets representing time-series measurements of vertical land motion

These deliverables will provide the cooperating districts and interested parties with a long-term geodetic monitoring asset that will continue generating subsidence measurements beyond the duration of the grant project. The resulting dataset will complement the remote sensing analyses performed in Task 1 and provide critical ground-truth observations for evaluating the subsidence.

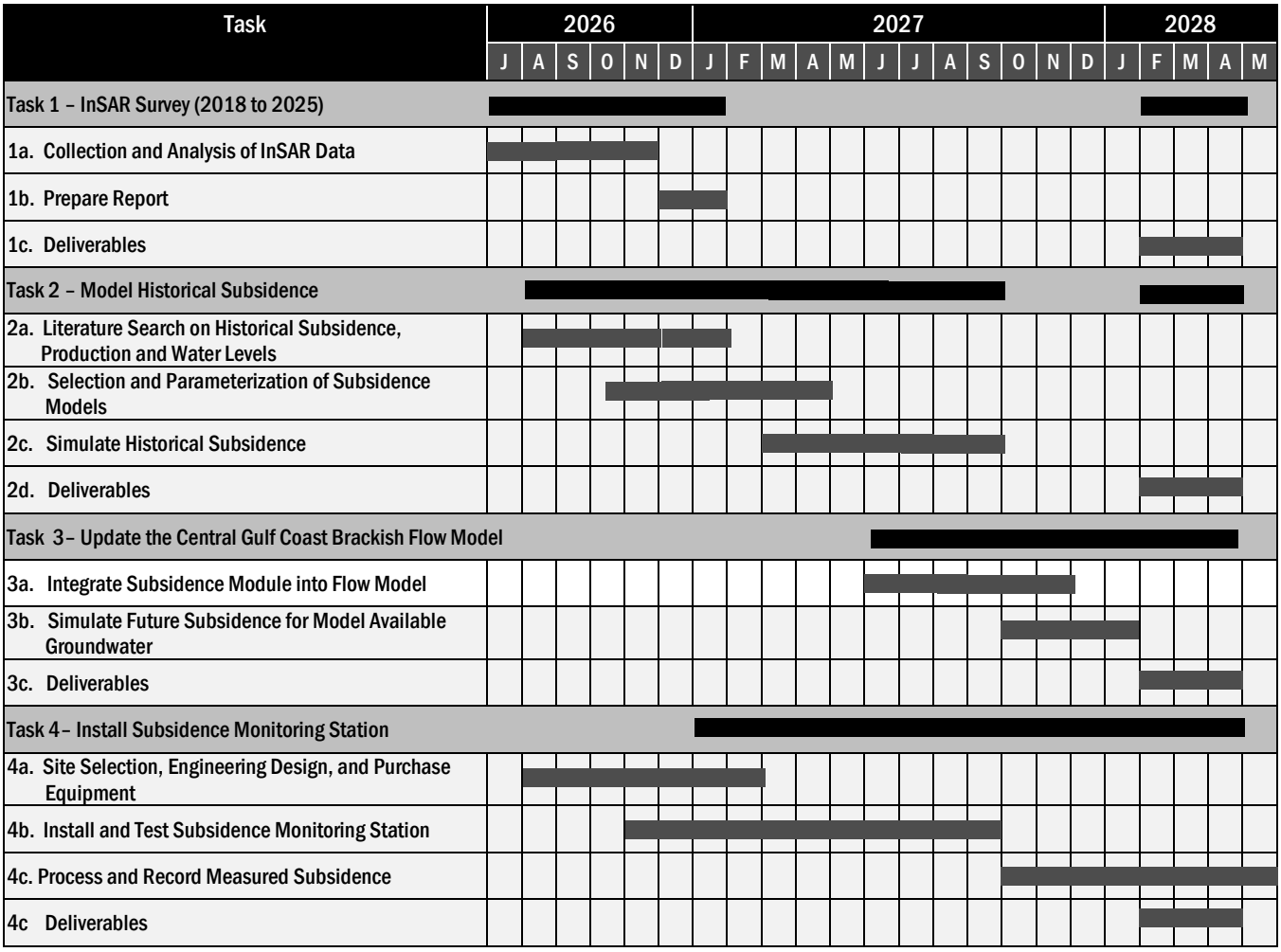
4.3 Equipment Purchases

The project proposes purchasing the following equipment associated with the subsidence monitoring stations under section 4.2.4, subtask 4b - Construction and QA/QC of Monitoring Station. Itemized breakdown of equipment cost included in the budget attachment as part of this application.

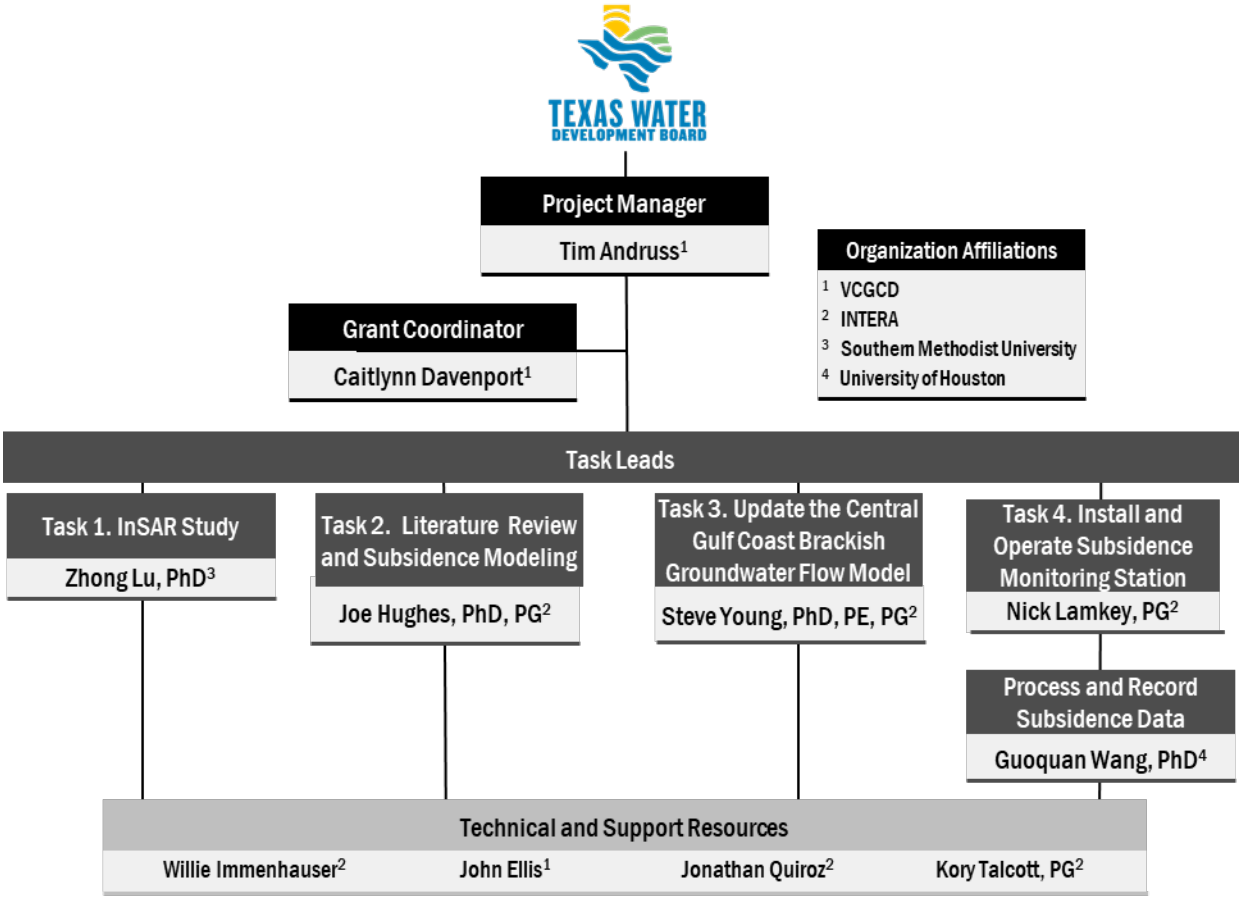
4.4 Deliverables

Deliverables to the TWDB for this project are clearly defined at the end of each task in section 4 of this report in the subheading labeled Deliverables.

4.5 Project Schedule



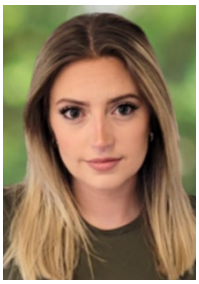
4.6 Project Team



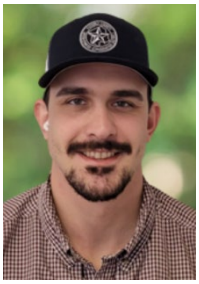
Project Manager – Tim Andruss. Tim Andruss serves as General Manager for the Victoria County Groundwater Conservation District (VCGCD), Calhoun County Groundwater Conservation District (CCGCD), Refugio Groundwater Conservation District (RGCD), and Texana Groundwater Conservation District (TGCD). Tim has worked for the districts since 2007 and holds a BS degree in wildlife and fisheries science, ecology from Texas A&M University. Tim serves as the Chair of GMA 15 and is a representative and past chair of the South Central Texas Regional Water Planning Group (SCTRWPG/Region L). Tim has successfully managed and participated in numerous initiatives and projects, including projects funded by the TWDB, during his tenure as general manager GCDs. Tim will oversee the completion of all tasks and activities undertaken in the proposed project and serve as the primary point of contact for TWDB for this project. Tim's experience and involvement with technical investigations and projects includes technical investigations related to aquifer monitoring and assessment, brackish groundwater resources and associated regulations, subsidence and subsidence monitoring options, aquifer storage and recovery feasibility, groundwater/surface water interactions, evapotranspiration estimation, as well as the installation and automated aquifer monitoring sites.

- **A GIS-based Multi-Criteria Decision Making Approach for Establishing A Regional-Scale Groundwater Monitoring Network (Uddameri, 2011)**
- **A Statistical Power Analysis Approach to Estimate Groundwater Monitoring Network Size in Victoria County Groundwater Conservation District, Texas (Uddameri, 2011)**

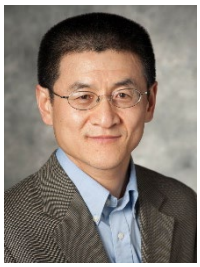
- **Streamflow, Groundwater Hydrology, and Water Quality in the Upper Coleto Creek Watershed in Southeast Texas, 2009-10 (USGS, 2011)**
- **Development of a Regional Plan for Aquifer Storage and Recovery and Off Channel Storage in the Golden Crescent Region of Texas (Arcadis, 2014)**
- **Victoria Aquifer Storage and Recovery Demonstration Project (Arcadis, 2019)**
- **Investigations Regarding the Design and Management of Aquifer Storage and Recovery Operations in Victoria County (INTERA, 2019)**
- **Estimates of Land Subsidence in GMA 15 Based on Ground Surface Elevation Data and Model Results (INTERA, 2016)**
- **Water Level Evaluation - Chicot and Evangeline Aquifers (Golder Associates, 2018-2019)**
- **Characterization of Brackish Groundwater Resources in Victoria County (INTERA, 2018)**
- **Options for Monitoring Land Subsidence Data in Victoria County, Texas (INTERA, 2019)**
- **Effects of Huisache Removal on Rangeland Evapotranspiration in Victoria County, South-Central Texas, 2015–18 (USGS, 2020)**
- **Application of Geostatistical Techniques to Quantify Changes in Water Levels (INTERA, 2021-2023)**



Grant Coordinator – Caitlynn Davenport. Caitlynn Davenport serves as Administrative Coordinator at the Victoria County Groundwater Conservation District, with 11 years of experience managing governmental financial records, coordinating documentation, and supporting organizational operations. Skilled in budgeting, data tracking, compliance processes, and maintaining accurate reporting, she is highly organized with strong attention to detail and has the ability to coordinate multiple deadlines and administrative tasks that will ensure funding compliance, budget revisions and grant coordination. Caitlynn will provide all financial record and information tracking services for this project.



Technical Support, Monitoring Field Technician – Willie Immenhauser. Willie Immenhauser serves as Aquifer Monitoring Technician with the Victoria County Groundwater Conservation District (VCGCD), with four years of experience supporting groundwater resource monitoring and data collection in Calhoun County, De Witt County, Jackson County, Refugio County, and Victoria County, Texas. Willie's expertise includes hands-on groundwater sample collection and processing (e.g., field filtration, preservation, chain-of-custody, and coordination with certified labs per industry standards); field measurement collection and documentation (e.g., manual and automated water level measurements in monitoring wells, aquifer test data, specific conductance, pH, temperature, and flow rates using multiparameter instruments and data loggers, with detailed field logs, photos, and GPS records for data integrity); data entry and processing (e.g., transcription into district databases, QA/QC validation, error checking, and preparation of formatted datasets for model inputs and analysis); equipment calibration and configuration (e.g., routine calibration of water level tapes, water quality handhelds, and loggers; setup and troubleshooting of monitoring equipment to ensure accurate, reliable long-term data); and report drafting (e.g., compiling field summaries, data tables, graphs, and technical narratives for quarterly monitoring reports, aquifer assessments, well assistance program documentation, and support materials).

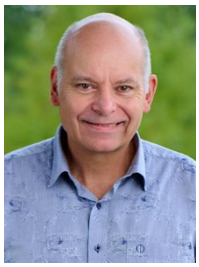


Task Lead, InSAR Study– Zhong Lu, PhD. Zhong Lu is the Shuler-Foscue Endowed Chair Professor of Geophysics in the Huffington Department of Earth Sciences and Professor of Civil Environmental Engineering at Southern Methodist University. He holds a a PhD in Geophysics from the University of Alaska and MS and BS degrees in Geophysics from Peking University. His research interests include advancing InSAR processing methods and applying them to study land subsidence, landslides, volcanoes, earthquakes, coastal processes, and other geophysical phenomena. Zhong has authored or coauthored over 300 peer-reviewed journal articles and book chapters focused on InSAR techniques and applications, and a book, "InSAR Imaging of Aleutian Volcanoes: Monitoring a Volcanic Arc from Space" (Springer, 2014). He served on several NASA science teams, including the NISAR and VenSAR missions, and NASA/JPL OPERA Project. He is a Fellow of the American Geophysical Union (AGU) and the American Association for the Advancement of Science (AAAS), and an SAIC Technical Fellow. Zhong received a Ford Senior Research Fellowship, a Science of Risk Prize, several U.S. Geological Survey Performance Awards, a Leica Geosystems Award from the American Society for Photogrammetry & Remote Sensing, a Science Applications International Corporation Science & Technology Award, and several NASA Group Achievement Awards. Some of his previous positions include serving as a Physical Scientist with the USGS Cascades Volcano Observatory and a Principal Scientist and Technical Fellow with Science Applications International Corporation.

Technical Expert, MODFLOW 6 and Subsidence Modeling – Joe Hughes, PhD, PG. Joe Hughes is a Principal Hydrologist at INTERA with a PhD in hydrogeology, an MS in geochemistry, a BS in geology, and 32 years of research and applied experience in hydrologic software development and modeling and analysis of hydrologic systems, including water availability, water budgets, flow, and transport. He is the co-developer of MODFLOW 6, an internationally recognized software product for simulating groundwater flow and transport. Joe also co-developed FloPy, an internationally recognized software product for pre- and post-processing MODFLOW-based model input and output and analyzing simulated results. He has developed software for simulating natural and managed surface-water flow, subsurface compaction and land subsidance, density-dependent groundwater flow and transport, and integrated surface water/groundwater flow and transport. He also regulary teaches workshops and courses on groundwater flow and transport modeling, MODFLOW 6, and Python programming. Joe has experience in uncertainty and importance analyses as applied to modeling studies and has used numerous uncertainty analysis and optimization codes, such as MODMAN, MODSIM, PEST, PEST++, and UCODE. He has worked on surface water, groundwater, and integrated surface water/groundwater projects throughout the United States and has taken a project management and/or technical lead role in many water resources modeling studies, including integrated surface water/groundwater interaction studies in support of groundwater permit applications. He has served as a technical manager or technical lead quantifying processes such as recharge, hydraulic conductivity, and surface water/groundwater interaction in support of regional and sub-regional groundwater modeling projects. Some of Joe's project and software development experience, particularly relevant to developing the model under this grant from TWDB, includes:

- **Coordination of Hydrologic Software Development Activities, U.S. Geological Survey, Reston, VA. PROJECT MANAGER AND SOFTWARE DEVELOPER**
- **MODFLOW 6 Software Enhancements, U.S. Geological Survey, Reston, VA. PROJECT CO-LEADER**
- **FloPy Development, U.S. Geological Survey, Reston, VA. TEAM LEADER**
- **MODFLOW 6 Development, U.S. Geological Survey, Reston, VA. PROJECT CO-LEADER**
- **Seawater Intrusion Package, U.S. Geological Survey Groundwater Resources Program, Reston, VA. PROJECT MANAGER AND SOFTWARE DEVELOPER**
- **Long Island Sound Compound Flooding Study, New York Water Science Center, Troy, NY. SOFTWARE DEVELOPER AND LEAD MODELER**
- **Evaluation of the Causes of Saltwater Intrusion in Central and South Broward County, Broward County Environmental Planning and Community Resilience Division, Ft. Lauderdale, FL. PROJECT MANAGER**

- **Inundation Changes in Response to Increased Sea Level and Changing Climate Conditions in Broward County, Broward County Environmental Planning and Community Resilience Division, Ft. Lauderdale, FL. PROJECT MANAGER**
- **Quantification of the Effect of Groundwater Pumpage and Increased Sea Level on Canal Leakage and Regional Groundwater Flow in Miami-Dade County, Miami-Dade Water and Sewer Department, Miami, FL. PROJECT MANAGER AND LEAD MODELER**



Task Lead, Hydrogeologic Data Collection & Analysis; Update of the Central Gulf Coast Brackish Groundwater Flow Model – Steve Young, PhD, PE, PG. Dr. Steve Young is a Principal Geoscientist and Engineer at INTERA with a PhD in earth sciences, an MS in environmental engineering, a BS in environmental science, and 44 years of experience in characterizing and solving water supply and groundwater remediation challenges. He has worked on a wide-range of water development issues, including characterizing groundwater resources, developing and applying groundwater models, and designing water supply wellfields. His expertise includes assessing fresh and brackish groundwater resources through the analysis of geophysical logs, aquifer test data, and geochemical data. Working with water management agencies and commercial industry, Steve has evaluated groundwater resources in Texas that include the Gulf Coast Aquifer System, the Northern Trinity Aquifer, and the Carrizo-Wilcox Aquifer. He has managed a wide range of water projects across Texas, working with more than 20 GCDs to help develop management plans, groundwater rules, groundwater databases, and gain a better understanding of groundwater resources. He has participated in joint planning activities with several GMAs and helped with the development of GAMs under TWDB's Groundwater Availability Modeling Program. Some of Steve's project experience, particularly relevant to developing the model under this grant from TWDB, includes:

- **Development and Application of an Operational and Management Groundwater Model for Post Oak Savannah Groundwater Conservation District, Bureau of Reclamation, TX. PROJECT MANAGER AND LEAD HYDROGEOLOGIST**
- **Development and Application of an Operational and Management Groundwater Model for Post Oak Savannah Groundwater Conservation District, Bickerstaff Heath, Delgado, Acosta, LLP, TX. EXPERT WITNESS**
- **Evaluation of Groundwater Resources in Carrizo-Wilcox Aquifer for Long-Term Water Supply, City of Georgetown, TX. PROJECT MANAGER**
- **Evaluation of Land Subsidence in the Woodlands in Montgomery County, San Jacinto River Authority, TX. PROJECT MANAGER**
- **Conversion of Oil and Gas Wells to Water Wells, Post Oak Savannah Groundwater Conservation District, Burleson County, TX. HYDROGEOLOGIST**
- **Development of Groundwater Monitoring Network, Post Oak Savannah Groundwater Conservation District, Milano, TX. HYDROGEOLOGIST AND PROJECT MANAGER**
- **Review of Well Permit Applications, Post Oak Savannah Groundwater Conservation District, Milano, TX. PROJECT MANAGER**
- **Technical Support, Post Oak Savannah Groundwater Conservation District, Milano, TX. PROJECT MANAGER**
- **Characterization of the Carrizo Aquifer and Evaluation of the Groundwater Availability Model for GMA 13, Evergreen Underground Conservation, TX. PROJECT MANAGER AND SENIOR HYDROGEOLOGIST**

Task Lead, Install and Operate Subsidence Monitoring Station – Nick Lamkey, PG. Nick Lamkey is a Hydrogeologist at INTERA with an MS in geology, a BS in geoscience, and eight years of experience in the water resources industry. He specializes in groundwater model development, remote sensing, aquifer test analysis, and data management. His skills include Python programming and GIS. Nick has applied these skills across diverse projects, including developing and updating GAMs, investigating river-aquifer interactions, and assessing nitrate contamination sources in shallow alluvial aquifers. He has also used analytical element models to optimize well spacing for future residential developments. Nick has completed projects for clients that include POSGCD, Central Texas GCD, TWDB, as well as private commercial and investment firms, with work spanning the Carrizo-Wilcox, Edwards, Trinity, and Ogallala aquifers. Some of his project experience, particularly relevant to developing the model under this grant from TWDB, includes:

- **Five-Year Review, Post Oak Savannah Groundwater Conservation District, Central TX. HYDROGEOLOGIST**
- **Trinity Aquifer Sensitivity Study in the Briggs and Oakalla Area, Central Texas Groundwater Conservation District, Burnet, TX. MODELER**
- **Yegua Jackson Groundwater Availability Model Verification, TWDB Austin, TX. LEAD MODELER**
- **Nacatoch Groundwater Availability Model Verification, TWDB, Austin, TX. MODELER**
- **Modeled Available Groundwater Peak Factor Analysis for Brazoria County in Region H, Freese and Nichols, Inc., TX. 2024. MODELER**
- **Fort Cavazos Aquifer Storage and Recovery Well Field Modeling, CDSM, Bell County, TX. 2024. MODELER**
- **Hydrogeologic Assessment of Goodnight Site, Kimley-Horn, Armstrong County, TX. HYDROGEOLOGIST AND MODELER**
- **Groundwater Availability Assessment, Private Investment Firm, Central TX. HYDROGEOLOGIST AND MODELER**
- **Investigation of Water Losses in a Sand Mine Dredge Pond, Private Sand Mining Company, Western TX. PROJECT MANAGER**

Senior Geological Consultant, Process and Record Subsidence Data– Guoquan Wang, PhD. Dr. Guoquan Wang is a Professor in the Department of Earth and Atmospheric Sciences at the University of Houston and serves as Assistant Director of the University of Houston Coastal Center. He is an internationally recognized expert in geodesy, coastal and geological hazards, and natural hazard monitoring, with more than two decades of academic and research experience spanning the United States, Europe, and Asia. Dr. Wang holds a PhD in solid earth geophysics, an MS degree in hydrogeology and engineering geology, and a BS degree in geology. Dr. Wang's research focuses on coastal hazards, land subsidence, sea-level change, faulting, and earthquake-related ground motion, with particular emphasis on the Gulf Coast and Caribbean regions. He is known for advancing the application of GNSS, GPS seismology, LiDAR, InSAR, and numerical modeling techniques to monitor ground deformation, structural health, and geological risk. His work has led to the development of multiple stable geodetic reference frames and long-term monitoring networks used by researchers and practitioners worldwide. A recipient of the NSF CAREER Award and numerous teaching and professional honors, Dr. Wang has authored an extensive body of peer-reviewed publications and has supervised graduate students and postdoctoral researchers, contributing significantly to both scientific advancement and workforce development in geoscience and engineering.

Technical Resource – Jonathan Quiroz. Jonathan Quiroz is a Hydrogeologist at INTERA with an MS in hydrology, a BS in environmental engineering, and 9 years of experience in numerical flow and transport modeling for water resources applications for both surface and groundwater. Mr. Quiroz has developed skills in model planning through utilizing GIS, remote sensing, and map analysis and composition. He has advanced knowledge of applied modeling codes such as MODFLOW, MT3DMS, SEAWAT, SWAT and PRMS. Additionally, he has experience in automated numerical optimization and uncertaty with codes such as PESTP/PEST++. His software experience also includes GIS through software such as QGIS, GRASS-GIS, and ESRI products. His programming languages include Python, Fortran, and SQL, which he applies to a variety of hydrogeologic data for model development. He has worked independently and with teams on a wide range of diverse projects for state, private, and international organizations. Some of Jonathan's project experience, particularly relevant to developing the model under this grant from TWDB, includes:

- **Development of an Operational Model, Post Oak Savannah Groundwater Conservation District, Central TX. HYDROGEOLOGIST**
- **Technical Assistance and Groundwater Modeling to Support the Regulatory Plan Review, Harris-Galveston and Fort Bend Subsidence Districts, Houston, TX. HYDROGEOLOGIST**
- **Well Field Design in the Evangeline/Laguna Groundwater Project, Evangeline/Laguna LP, San Patricio County, TX. HYDROGEOLOGIST**
- **Model Building and Design of a Dewatering System for an Open-Pit in the Las Bambas Mining Project, Hatarilabs / Gidahatari, Apurimac, Peru. HYDROGEOLOGIST**
- **Saline Water Intrusion Analysis in the Chilca Aquifer, Hatarilabs / Gidahatari, Lima, Peru. HYDROGEOLOGIST**
- **Arsenic Transport Modeling from a Tailing Deposit Leaching into the Mantaro river, Hatarilabs / Gidahatari, Junin, Peru. HYDROGEOLOGIST**
- **Groundwater Modeling in the Navidad Mining Project and Particle Travel Time Analysis, Hatarilabs / Gidahatari, Chubut, Argentina. HYDROGEOLOGIST**
- **Development of the Hydrogeologic Model for the Transboundary Aquifer Zarumilla, Hatarilabs / Gidahatari, Peru-Ecuador. HYDROGEOLOGIST**
- **Karst Modeling in the Micro-Basin Tulum, Hatarilabs / Gidahatari, Tulum, Mexico. HYDROGEOLOGIST**

Technical Resource – Kory Talcott, PG. Kory Talcott is a Geologist at INTERA with an MS in geosciences, a BS in petroleum geology, and eight years of combined experience in reservoir characterization and subsurface resource evaluation. His Wolfcamp Formation graduate research advanced understanding of diagenesis and reservoir quality in the Midland Basin. He has planned and geosteered multi-well pads in the Permian and South Texas, developed petrophysical models and regional frameworks that improved development economics and supported strategic business decisions, and critically tested software to implement innovative goals to improve operation metrics and prospect evaluation. Kory has also directed technical support for groundwater protection initiatives, including implementation of the state-funded Leaking Water Well Grant Program, modernization of the State Water Well Report Viewer, and authorship of legislative analyses and Governor's letters. As a licensed Professional Geoscientist in Texas, Kory integrates rigorous academic research, applied exploration and production experience, and regulatory hydrogeology to deliver innovative, data-driven solutions for complex subsurface challenges. Some of Kory's project experience, particularly relevant to developing the model under this grant from TWDB, includes:

- **Leaking Water Well Grant Program, Texas Commission on Environmental Quality, TX. TECHNICAL GEOLOGIST**
- **Water Well Report Viewer Modernization, Texas Commission on Environmental Quality, TX. TECHNICAL GEOLOGIST**

- **Groundwater Protection and Texas Groundwater Protection Committee Support, Texas Commission on Environmental Quality, TX. TECHNICAL GEOLOGIST**
- **Permian & South Texas Operations, SM Energy, TX. LEAD OPERATIONS GEOLOGIST**
- **Permian Asset Development, SM Energy, TX. ASSET DEVELOPMENT GEOLOGIST AND EXECUTIONER**
- **Wolfcamp D Reservoir Evaluation, SM Energy, TX. PROJECT MANAGER AND LEAD GEOLOGIST**
- **South Texas Gulf Coast Business Development, SM Energy, TX. BUSINESS DEVELOPMENT GEOLOGIST**

Technical Resource – John Ellis, PG.. John Ellis is a Principal Hydrogeologist at INTERA with MS degrees in environmental science and hydrogeology, a BS degree in geology, and 18 years of experience in integrated groundwater modeling and uncertainty quantification, land subsidence, data analysis, water resources planning and management, distributed computing networks, and information technology. He also has a background in environmental laws and regulations, site remediation, contaminant transport, and managing teams investigating water quality. He has led several regional scale groundwater availability modeling projects in Texas and Oklahoma to support water resource planning and aquifer management. He is experienced using the MODFLOW-2005, NWT, MODPATH, MT3DMS, and SWB codes and the PEST, PEST++, and PEST-IES calibration codes. He is also experienced in GIS software and performing programmatic workflows and data analysis using Python and VBA. John has more than 15 years of management experience leading multi-disciplinary teams of up to 60 staff, $25 million in assets, and annual project budgets of more than $3 million.

- **Subsidence Technical Services and Extreme Weather Monitoring, California Department of Water Resources, CA. SUBSIDENCE AND MODELING TASK LEAD**
- **Technical Assistance and Groundwater Modeling to Support the Subsidence Regulatory Plan Review, Harris-Galveston and Fort Bend Subsidence Districts, Houston, TX. PROJECT MANAGER**
- **Chicot and Evangeline Geostatistical Study, Harris-Galveston Subsidence District, TX. ASSOCIATE PROJECT MANAGER**
- **Groundwater Science Advisory Committee – Subsidence Investigations, Houston Advanced Research Center, TX. COMMITTEE MEMBER**
- **Northern Texas Gulf Coast Aquifer System – Groundwater Availability Model, Harris-Galveston Subsidence District, TX. PROJECT MANAGER AND TECHNICAL LEAD**
- **Hydrogeologic Assistance for Groundwater Management, Northern Trinity Groundwater Conservation District, TX. PROJECT MANAGER AND PRINCIPAL HYDROGEOLOGIST**

5 – References

Baker, E.T., 1965, Groundwater resources of Jackson County, Texas: Texas Water Development Board Report 1, 225 p.

Berardino, P., Fornaro, G., Lanari, R., and Sansosti, E., 2002, A new algorithm for surface deformation monitoring based on small baseline differential interferograms: IEEE Transactions on Geoscience and Remote Sensing, v. 40, no. 11, p. 2375–2383.

Carr, J.E., Meyer, W.R., Sandeen, W.M., and McLane, I.R., 1985, Digital models for simulation of ground-water hydrology of the Chicot and Evangeline aquifers along the Gulf Coast of Texas: Austin, Texas Department of Water Resources Report 289, 101 p.

Chowdhury, A.H, S. Wade, R.E. Mace, and C. Ridgeway. 2004. Groundwater Availability Model of the Central Coast Aquifer System: Numerical Simulations through 1999.

Dutton, A.R., and Richter, B.C., 1990, Regional Geohydrology of the Gulf Coast Aquifer in Matagorda and Wharton Counties: Development of a Numerical Model to Estimate the Impact of Water-Management Strategies, Contract report prepared for Lower Colorado River Authority, Austin, Texas, under Contract IAC (88–89) 0910, 116 p.

Ellis, J., White, J., Saberi, L., Earll, M., Neely, W., Hughes, J., 2025, INTERA Technical Memorandum to the California Department of Water Resources, Subject: Documentation of Subsidence Modeling for the Central Valley.

Ellis, J.H., Knight, J.E., White, J.T., Sneed, M., Hughes, J.D., Ramage, J.K., Braun, C.L., Teeple, A., Foster, L., Rendon, S.H., and Brandt, J., 2023, Hydrogeology, land-surface subsidence, and documentation of the Gulf Coast Land Subsidence and Groundwater-Flow (GULF) Model, southeast Texas, 1897–2018 (ver. 1.1, November 2023): U.S. Geological Survey Professional Paper 1877, 425 p., https://doi.org/10.3133/pp1877.

Espey, Huston, and Associates, Inc., 1982, Phase II—Water management study: Prepared for Harris–Galveston Coastal Subsidence District, Friendswood, Texas, [variously paged].

Ferretti, A., Prati, C., and Rocca, F., 2001, Permanent scatterers in SAR interferometry: IEEE Transactions on Geoscience and Remote Sensing, v. 39, p. 8–20.

Fugro, Inc., 2013, Geotechnical Services – PRESS Model Runs – Work Order 7 – Houston-Galveston Subsidence District, Harris County, Texas.

Gabrysch, R.K., 1982, Ground-water withdrawals and land-surface subsidence in the Houston-Galveston region, Texas, 1906–1980: U.S. Geological Survey Open-File Report 82–571, 68 p.

Hooper, A., 2008, A multi-temporal InSAR method incorporating both persistent scatterer and small baseline approaches: Geophysical Research Letters, v. 35, L16302.

Hughes, J.D., Langevin, C.D., and Banta, E.R., 2017, Documentation for the MODFLOW 6 framework: U.S. Geological Survey Techniques and Methods, book 6, chap. A57, 40 p., https://doi.org/10.3133/tm6A57.

Hughes, J.D., Leake, S.A., Galloway, D.L., and White, J.T., 2022, Documentation for the Skeletal Storage, Compaction, and Subsidence (CSUB) Package of MODFLOW 6: U.S. Geological Survey Techniques and Methods, book 6, chap. A62, 57 p., https://doi.org/10.3133/tm6A62.

INTERA, 2025, BMP model.

Kasmarek, M.C., 2012, Hydrogeology and simulation of groundwater flow and land-surface subsidence in the northern part of the Gulf Coast Aquifer System, Texas, 1891–2009: U.S. Geological Survey Scientific Investigations Report 2012–5154.

Keester, 2025, gulf coast model.

Langevin, C.D., Hughes, J.D., Banta, E.R., Niswonger, R.G., Panday, Sorab, and Provost, A.M., 2017, Documentation for the MODFLOW 6 Groundwater Flow Model: U.S. Geological Survey Techniques and Methods, book 6, chap. A55, 197 p., https://doi.org/10.3133/tm6A55.

Lu, Z., and Dzurisin, D., 2014, InSAR imaging of Aleutian volcanoes—Monitoring a volcanic arc from space: Springer Praxis Books, Geophysical Sciences, ISBN 978-3-642-00347-9, Springer, 390 p.

McClelland Engineering, Inc., 1979, Subsidence cause and effect Harris-Galveston Coastal Subsidence District Phase 1-A study: Report to Espey, Huston & Associates, Inc., Houston, Texas.

Qu, F., Lu, Z., Zhang, Q., Bawden, G., Kim, J., Zhao, C., and Qu, W., 2015, Mapping ground deformation over Houston-Galveston, Texas using multi-temporal InSAR: Remote Sensing of Environment, v. 169, p. 290–306, doi:10.1016/j.rse.2015.08.027.

Qu, F.F., Lu, Z., Kim, J.W., and Zheng, W.Y., 2019, Identify and monitor growth faulting using InSAR over northern Greater Houston region: Remote Sensing, v. 11, 1498, doi:10.3390/rs11121498.

Ratzlaff, K.W., 1982, Land-surface subsidence in the Texas Coastal Region: Texas Department of Water Resources Report 272, 26 p.

Tay, C., Lindsey, E.O., Chin, S.T., McCaughey, J.W., Bekaert, D., Nguyen, M., Hua, H., Manipon, G., Karim, M., Horton, B.P., et al., 2022, Sea-level rise from land subsidence in major coastal cities: Nature Sustainability, p. 1–9.

Terzaghi, K., 1925, Principles of soil mechanics—IV, Settlement and consolidation of clay: Engineering News-Record, v. 95, p. 874.

URS, 2007, Incorporation of subsidence modules into the interim LSWP model, LSWP report: Lower Colorado River Authority, Austin, Texas.

Williamson, A.K., et al., 1989, Estimating water-table altitudes for regional ground-water flow modeling, U.S. Gulf Coast: Ground Water, v. 27, no. 3, p. 333–340.

Yang, S., Young, S., Talcott, N., Lamkey, J., Quiroz, J., and Hughes, J., 2026, Characterization of brackish groundwater resources for Calhoun, Jackson, Refugio, and Victoria Counties: Prepared for Calhoun County GCD, Texana GCD, Refugio GCD, and Victoria County GCD, prepared by INTERA, Inc., Austin, Texas.

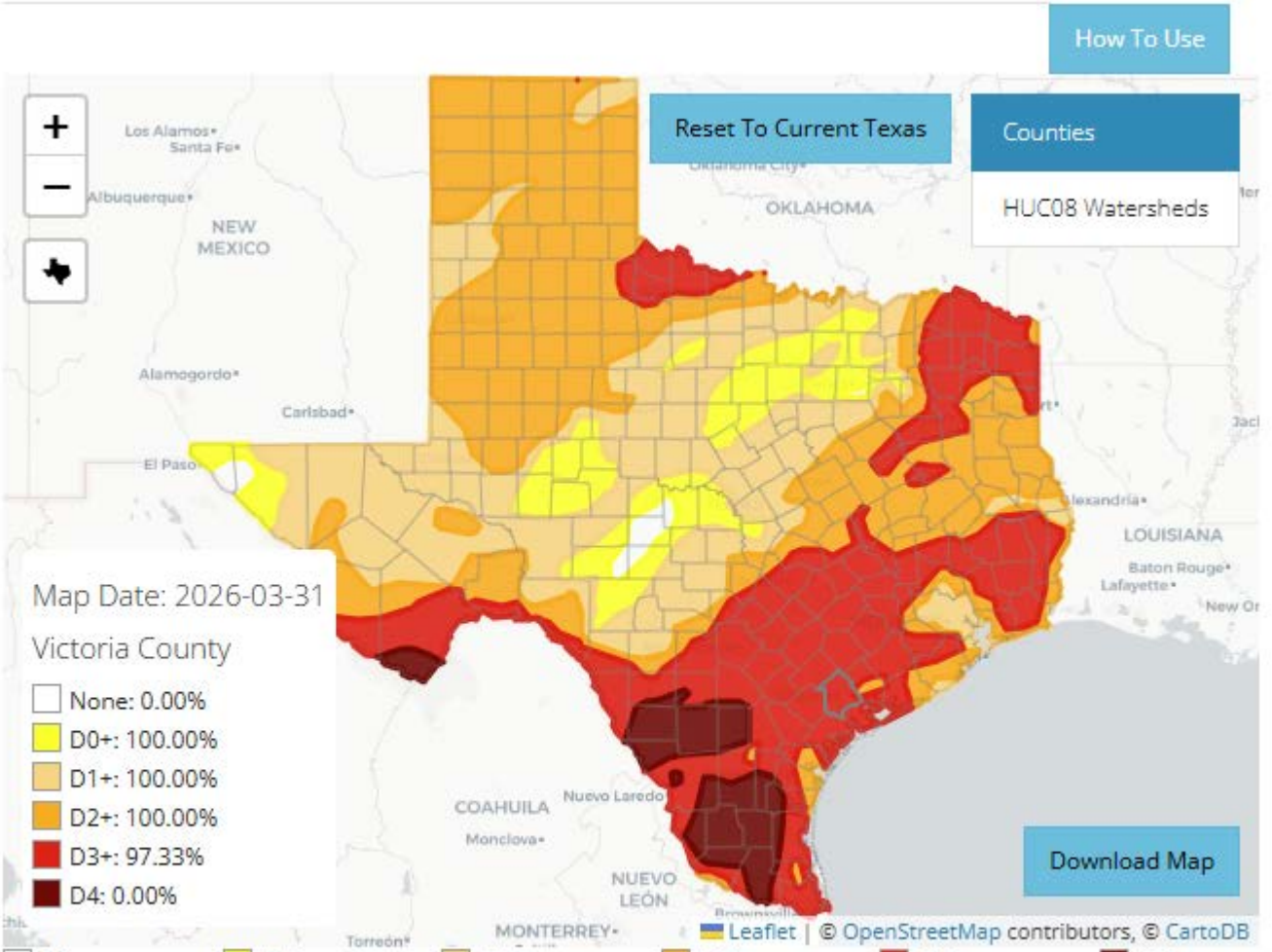
Young, S., and Kushnereit, R., 2018, Characterization of brackish groundwater resources in Victoria County: Prepared for Victoria County Groundwater Conservation District, prepared by INTERA, Inc., Austin, Texas.

Young, S., Pham, H., Lu, Z., and Qu, F., 2020, Mapping of ground surface deformation rates in Wharton County based on the analysis of remote sensing data: Prepared for Coastal Bend Groundwater Conservation District, prepared by INTERA, Austin, Texas.

Young, S., Pham, H., Lu, Z., and Qu, F., 2020, Mapping of ground surface deformation rates in Matagorda County based on the analysis of remote sensing data: Prepared for Coastal Plains Groundwater Conservation District, prepared by INTERA, Austin, Texas.

Young, S.C., V., Kelley, T., Budge, N., Deeds, and P., Knox, 2009. Development of the LCRB Groundwater Flow Model for the Chicot and Evangeline aquifers in Colorado, Wharton, and Matagorda counties: LSWP Report Prepared by the URS Corporation, prepared for the Lower Colorado River Authority, Austin, TX.

Drought Monitor



None - No Drought

D0 - Abnormally Dry

D1 - Moderate Drought

D2 - Severe Drought

D3 - Extreme Drought

D4 - Exceptional Drought

Project Budget

The Victoria County Groundwater Conservation District (VCGCD), in cooperation with the Calhoun County Groundwater Conservation District (CCGCD), the Refugio Groundwater Conservation District (RGCD), and the Texana Groundwater Conservation District (TGCD), collectively referred to as the "cooperating districts", is requesting funds from the Texas Water Development Board's (TWDB) Fiscal Year (FY) 2026 Groundwater Research, Science, and Data Collection Grant program to complete a comprehensive subsidence analysis and long-term subsidence monitoring station to support the safe and sustainable development of brackish groundwater resources in the central region of Gulf Coast Aquifer in Texas.

Demonstrated Financial Need

The Victoria County Groundwater Conservation District requires financial assistance to complete the proposed project because its adopted Fiscal Year 2026 operating budget does not include sufficient allocation of funds to pay for the expenses to be incurred in completing the tasks proposed within the scope of work required to comprehensively assess subsidence in the central portion of the Gulf Coast Aquifer region.

The VCGCD Board of Directors adopted a budget that allocates no funding to the district's Groundwater Research Program (Program 7000) and only $40,000 to the Groundwater Monitoring Program (Program 4000) for subsidence assessment activities under Project PRJ-20264100.07. These funds alone are insufficient to support the technical analyses, modeling, and monitoring infrastructure required to complete the proposed project.

The VCGCD entered into interlocal cooperation agreements with the CCGCD, RGCD, and TGCD. These agreements establish a cooperative framework through which the cooperating districts share resources and coordinate technical studies that provide mutual benefits to groundwater management in the region.

Under these agreements, the cooperating districts routinely coordinate budget development and cost sharing for projects that address shared groundwater management challenges. For Fiscal Year 2026, each of the cooperating districts included $10,000 in their adopted budgets for subsidence assessment activities. These funds will be made available to partially support the proposed project if TWDB grant funding is awarded.

However, the overall cost of the proposed work significantly exceeds the available local funding resources. Completion of the project—an effort that will provide critical information for the management and long-term planning of groundwater resources in the central portion of the Gulf Coast Aquifer System—can only be achieved if supplemental funding is provided through the TWDB grant program.

Reasonableness of Cost Estimates

The cost estimates used to develop the project budget were prepared by INTERA, Inc., a consulting firm with extensive experience in groundwater modeling, hydrogeologic investigations, and subsidence analysis for groundwater conservation districts and the TWDB.

INTERA has successfully completed numerous technical projects for the cooperating districts and for the TWDB within approved project budgets and schedules. Based on this experience, the cooperating districts are confident that the proposed budget reflects reasonable and appropriate costs for the tasks required to complete the project.

In addition, cost estimates associated with subcontracted services—including drilling and installation of the subsidence monitoring station—were verified by conversations with the Houston-Galveston Subsidence District and using recent quotes and pricing from vendors that regularly provide these services for governmental entities and groundwater monitoring programs in Texas. Likewise, the InSAR study cost estimates were based on previous projects, recent conversations with qualified subcontractors, and updated accordingly for this project.

The project scope was carefully developed to include only those tasks necessary to produce the analyses, monitoring infrastructure, and technical deliverables required to achieve the stated project objectives.

Supplemental Funding

The only supplemental funding source for the project is the local match provided by the cooperating districts through the provision of in-kind services. These services will be used to support field activities and coordination efforts associated with installation of the subsidence monitoring station and the groundwater modeling update.

Documentation of the adopted budgets and associated allocations for subsidence assessment activities by the cooperating districts is included as supporting material for this grant application.

Total Project Cost

The total cost of this project is expected to be $281,000. VCGCD is requesting $231,000 in TWDB funds to complete this project.

Cost of Significant Project Elements and Equipment

Table 1, on the next page, provides costs for the four major project tasks, and associated subtasks. The VCGCD developed the work scope and budget using cost estimates from the subcontractors.

TWDB Costs and Local Match Costs

As shown in Table 1, the VCGCD is requesting $231,000 in grant funds from the TWDB and will contribute an additional $40,000 in matching funds and $10,000 through in-kind services for a total project cost of $281,000. The VCGCD will provide in-kind services that are applied towards groundwater model updates and field work associated with the installation of the subsidence monitoring station.

Equipment Costs

Equipment costs are shown in Table 2. The total cost for equipment is estimated at $30,792.

Table 1. Project Budget

Task	Description	In Kind Services and Funds		
		VCGCD	TWDB	Total Cost
1	InSAR Survey	---	$62,500	$62,500
1a	Collection and Analysis of InSAR Data	---	$30,000	$30,000
1b	Prepare Report	---	$25,000	$25,000
1c	Deliverables	---	$7,500	$7,500
2	Model Historical Subsidence	---	$95,000	$95,000
2a	Literature Search for Historical Subsidence, Production, and Water Levels	---	$15,000	$15,000
2b	Selection and Parameterization of Subsidence Models	---	$20,000	$20,000
2c	Simulate Historical Subsidence	---	$50,000	$50,000
2d	Deliverables	---	$10,000	$10,000
3	Update the Central Gulf Coast Brackish Flow Model	$40,000	$10,000	$50,000
3a	Integrate Subsidence Module into Flow Model	$20,000	$0	$20,000
3b	Simulate Future Subsidence for Modeled Available Groundwater (MAG)	$20,000	$0	$20,000
3c	Deliverables	---	$10,000	$10,000
4	Install and Operate Subsidence Monitoring Station	$10,000	$63,500	$73,500
4a	Site Selection, Engineering Design, and Purchase of Equipment	$5,000	$33,500	$38,500
4b	Construct Monument and Test Equipment	$5,000	$22,000	$27,000
4c	Process and Record Measured Subsidence Data	---	$5,000	$5,000
4d	Deliverables	---	$3,000	$3,000
	PROJECT TOTAL	$50,000	$231,000	$281,000

Table 2. Equipment Costs for Subsidence Monitoring Station

Item	Cost per Unit	Number of Units	District Funds	TWDB Funds	Total Cost
Solar Panel and mount 40W	$338	1	$0.00	$338	$338
Battery	$386	1	$0.00	$386	$386
Solar regulator	$104	1	$0.00	$104	$104
Enclosure box and mounts	$453	1	$0.00	$453	$453
Solar panel cable	$28	1	$0.00	$28	$28
Antenna adapter (pole cap)	$159	1	$0.00	$159	$159
Antenna cable (antenna to receiver)	$138	1	$0.00	$138	$138
Power cable (receiver to regulator)	$414	1	$0.00	$414	$414
Alloy receiver (Newest)	$23,460	1	$0.00	$23,460	$23,460
DAC	$483	1	$0.00	$483	$483
Zephry Geodetic 3 antenna	$4,830	1	$0.00	$4,830	$4,830
Total	$30,792	1	$0.00	$30,792	$30,792

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,

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	Evangeline	Goliad	270	124.1
	7915401	177.2	2024	Evangeline	Goliad	145	98.1
	7915402	187.0	2024	Evangeline	Goliad	252	101.2
	7915702	141.1	2024	Evangeline	Goliad	174	86.4
	7916603	62.3	2024	Evangeline	Victoria	612	6.9
	7919511	239.5	2024	Evangeline	Goliad	120	179.4
	7920305	226.4	2024	Evangeline	Goliad	220	150.6
	7921307	206.7	2024	Evangeline	Goliad	284	129.7
	7921503	236.2	2024	Evangeline	Goliad	340	121.6
	7921607	190.3	2024	Evangeline	Goliad	231	114.5
	7921608	196.9	2024	Evangeline	Goliad	84	139.2
	7922508	154.2	2024	Evangeline	Goliad	263	92.1
	7922604	147.6	2024	Evangeline	Goliad	305	78.6
	7923703	114.8	2024	Evangeline	Goliad	350	73.8
	7925506	357.6	2024	Evangeline	Bee	52	315.9
	7927202	305.1	2024	Evangeline	Goliad	150	213.2
	7928302	213.3	2024	Evangeline	Goliad	235	131.9
	7928303	223.1	2024	Evangeline	Goliad	95	131.9
	7928304	236.2	2024	Evangeline	Goliad	320	124.9
	7929302	177.2	2024	Evangeline	Goliad	214	88.9
	7930301	114.8	2024	Evangeline	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	Evangeline	Bee	175	227.3
	7934409	337.9	2024	Evangeline	Bee	145	202.7
	7935305	223.1	2024	Evangeline	Bee	150	164.5
	7937911	82.0	2024	Evangeline	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	Evangeline	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	Evangeline	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	Evangeline	Victoria	250	92.8
Victoria County GCD - NW-000426	7907404	229.7	2024	Evangeline	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	Evangeline	Colorado	140	278.8
	6612603	292.0	2025	Evangeline	Colorado	188	200.7
	6614703	259.2	2025	Chicot	Colorado	71	234.1
	6619804	347.8	2025	Evangeline	Colorado	140	277.5
	6619904	331.4	2025	Evangeline	Colorado	260	188.2
	6620602	200.1	2025	Evangeline	Colorado	312	142.9
	6620901	242.8	2025	Evangeline	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

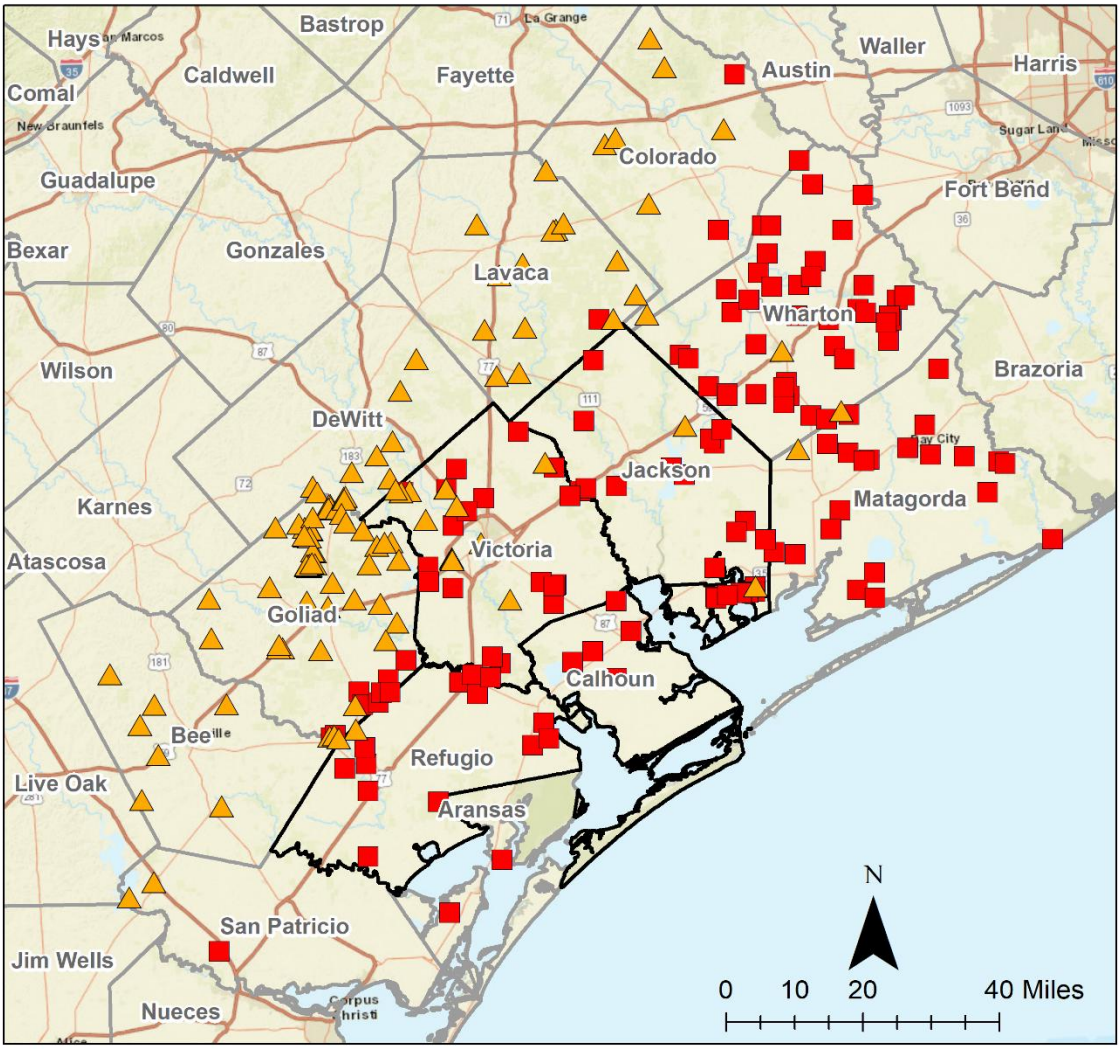
Aquifer	Water Level/ Change	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Chicot	avg. WL (ft)	24.8	23.6	28.3	27.2	24.5	28.3	24.6	27.4	29.0	24.3	22.7	23.5	23.0	19.4	4.5	14.5	19.6	19.2	19.0	20.0	18.4	14.9	19.6	17.3	15.5	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

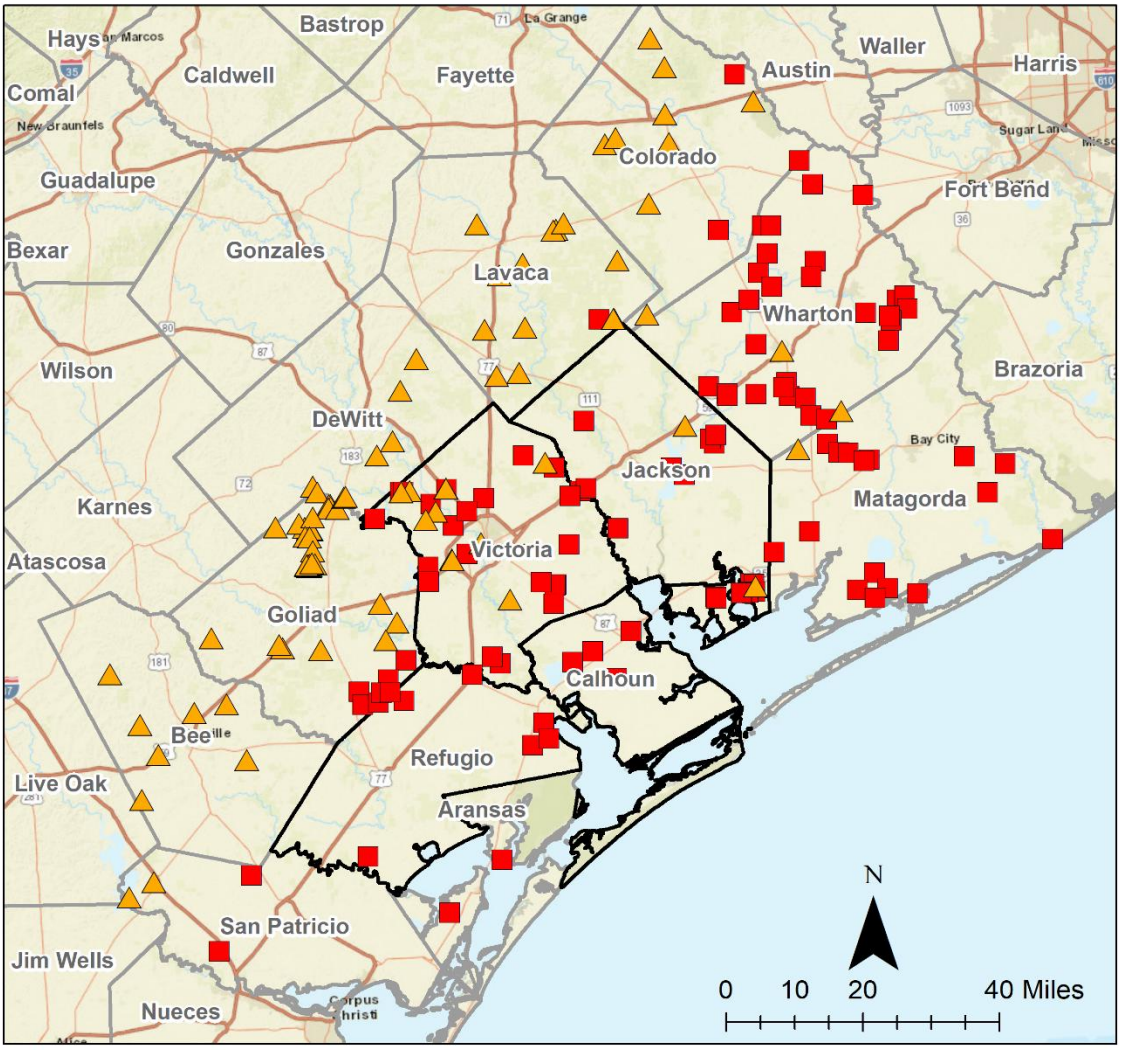
Counties of Interest

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

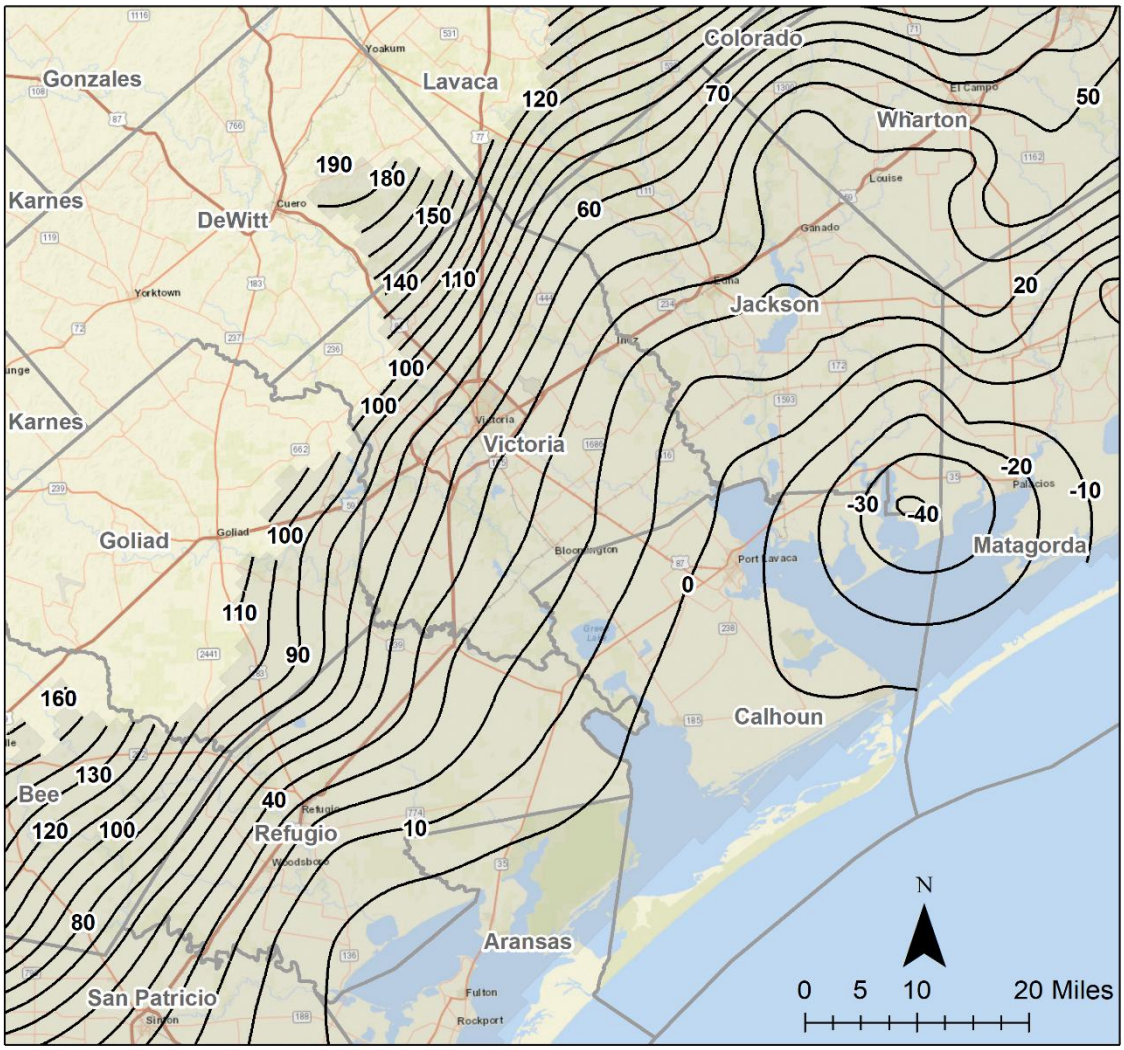
Counties of Interest

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.



Water Level (ft):
Chicot, 2000 Analysis Year

Water Level (famsl)

Counties of Interest

Counties

Figure 3 Contours of the Water Levels Generated for the Chicot Aquifer for the 2000 Analysis Year

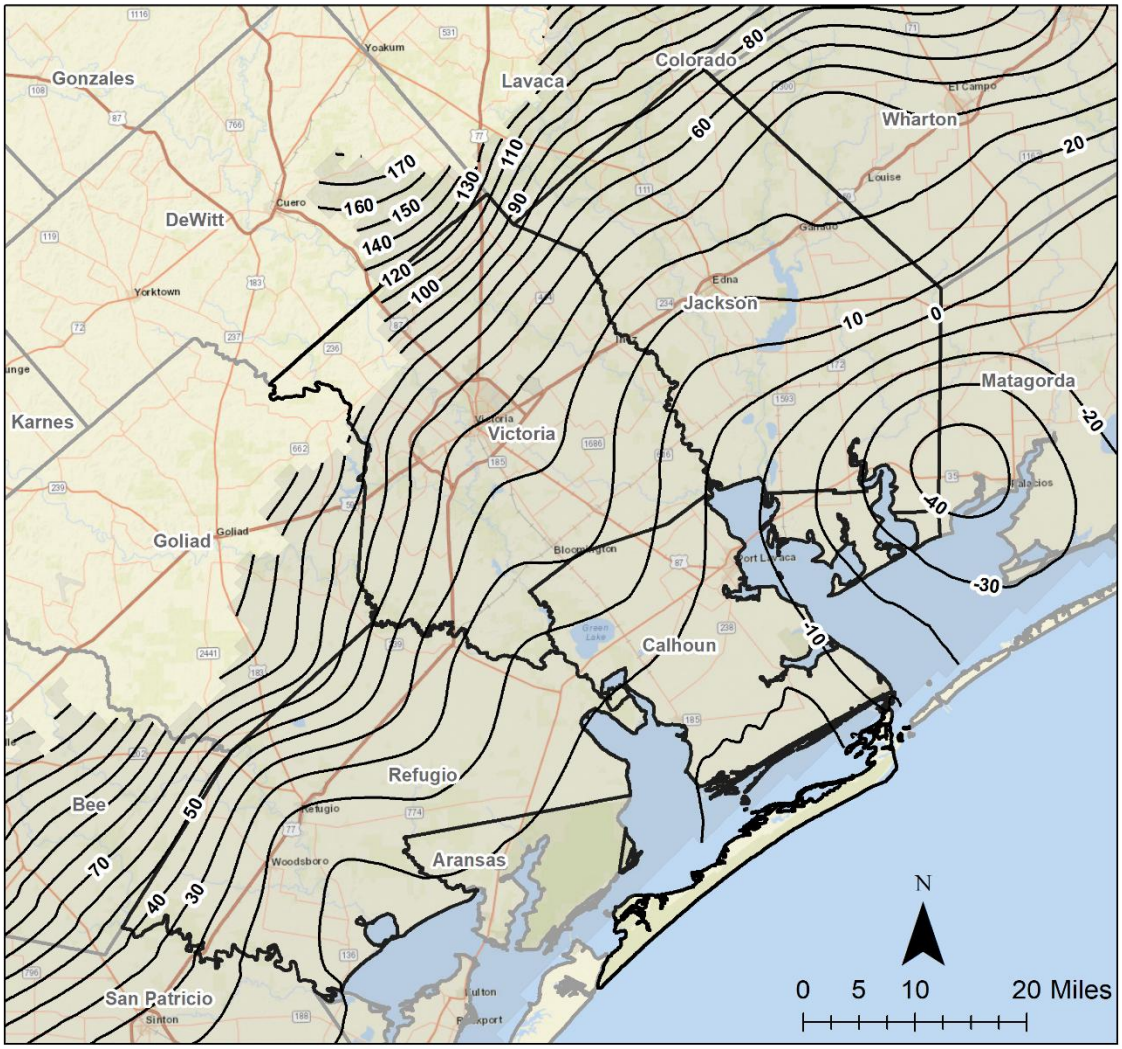
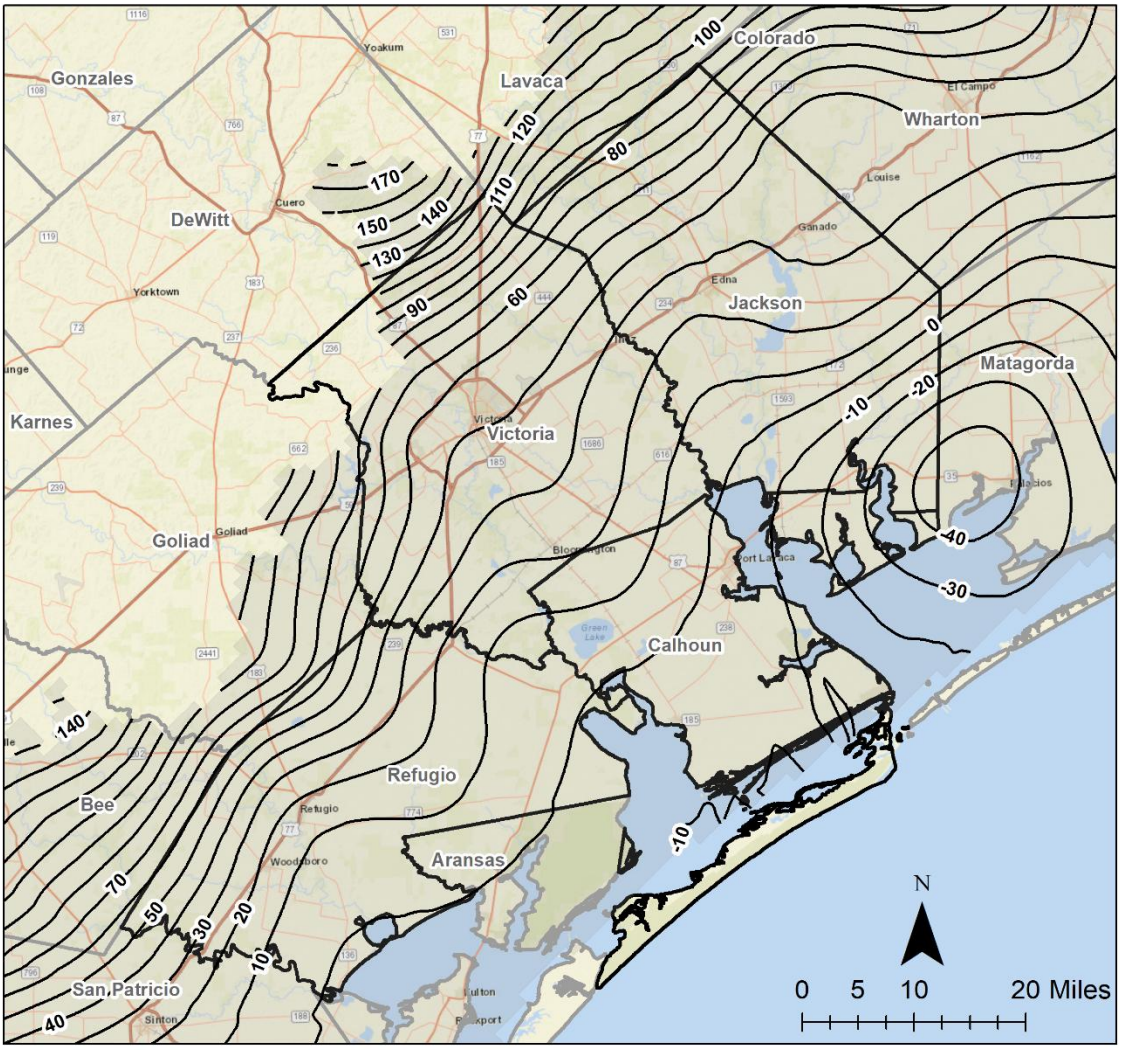


Figure 4 Contours of the Water Levels Generated for the Chicot Aquifer for the 2024 Analysis Year



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

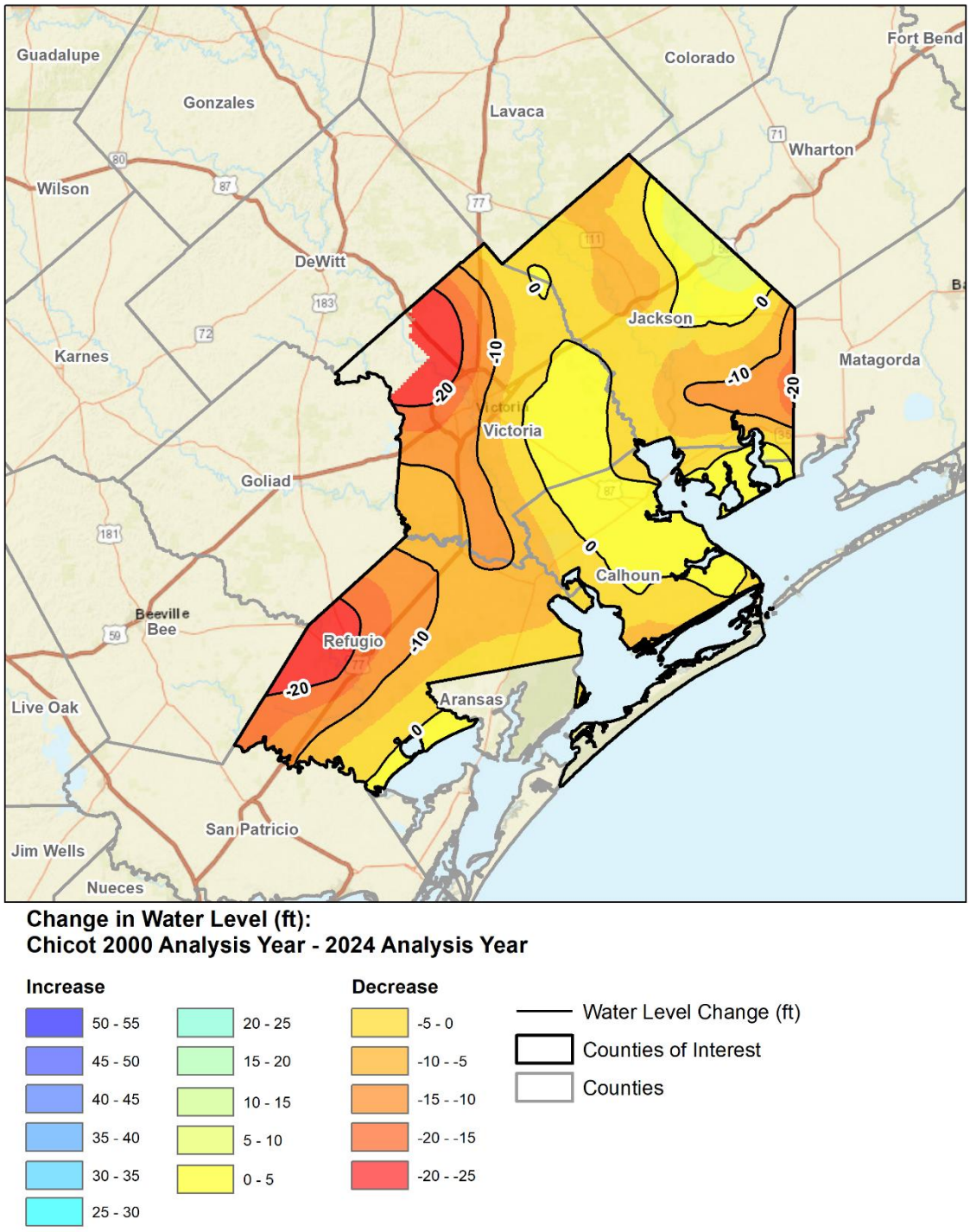


Figure 6 Contours of the change in water levels in the Chicot Aquifer from the 2000 Analysis Year to the 2024 Analysis Year

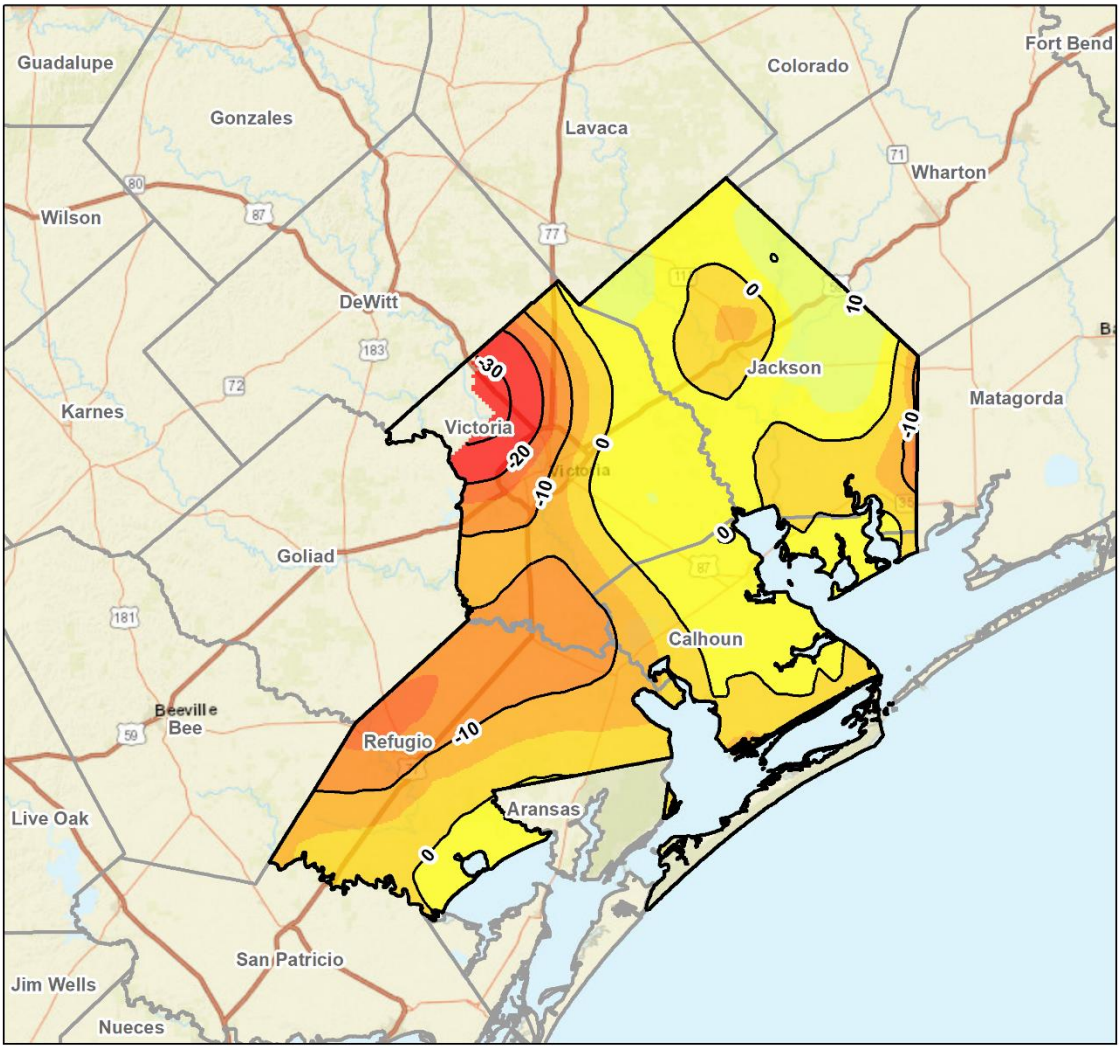


Figure 7 Contours of the change in water levels in the Chicot Aquifer from the 2000 Analysis Year to the 2025 Analysis Year

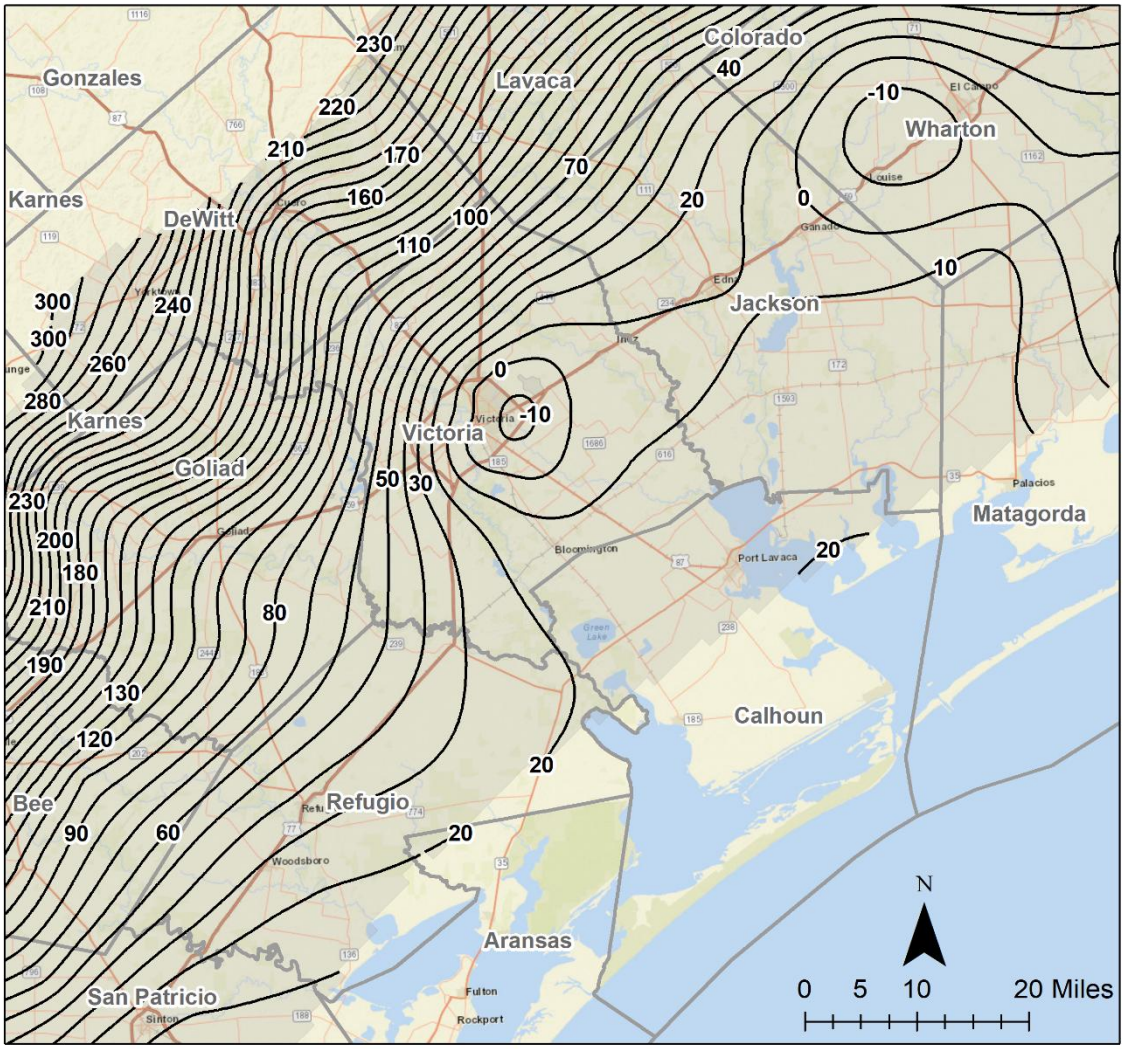


Figure 8 Contours of the Water Levels Generated for the Evangeline Aquifer for the 2000 Analysis Year

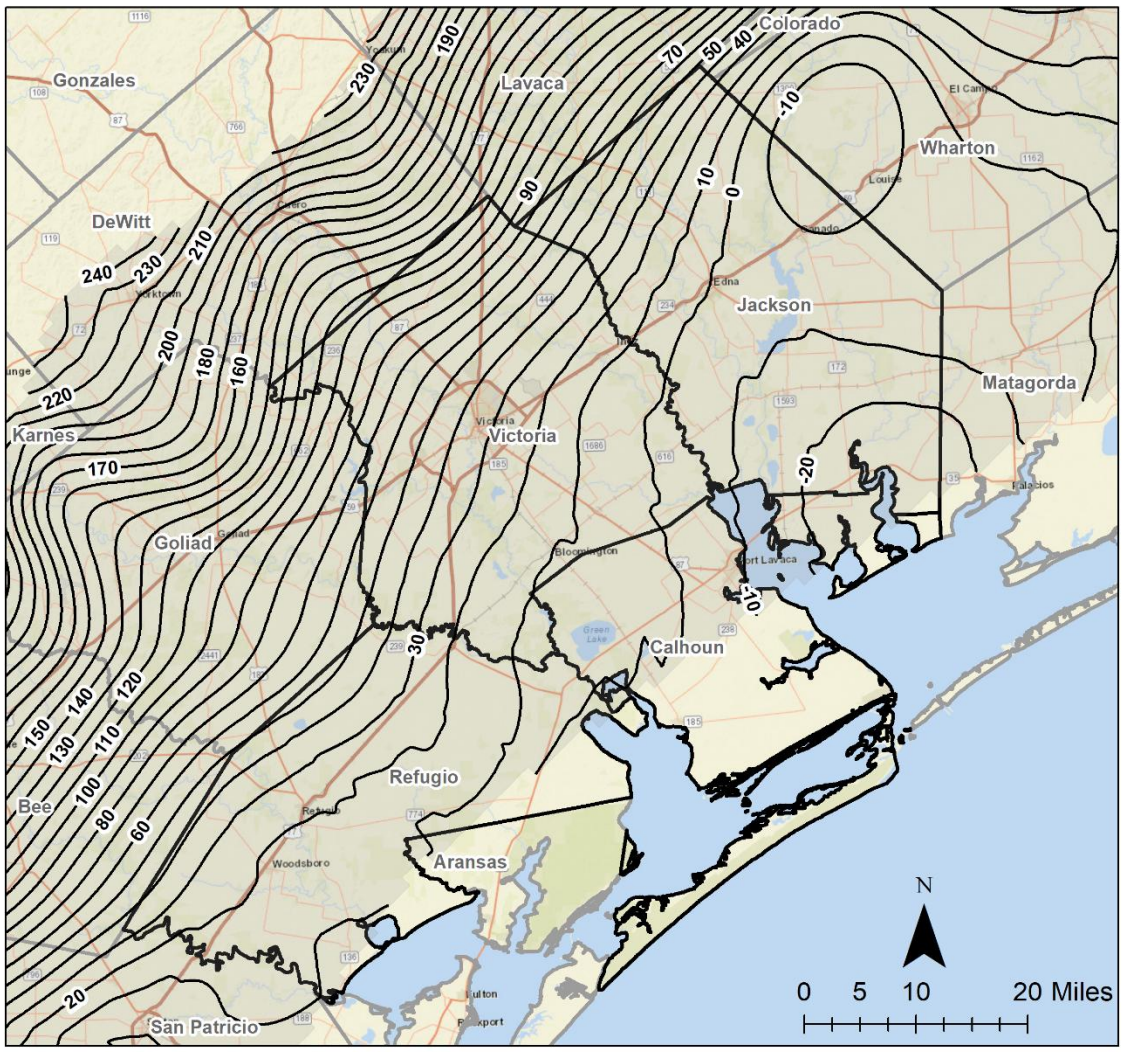


Figure 9 Contours of the Water Levels Generated for the Evangeline Aquifer for the 2024 Analysis Year

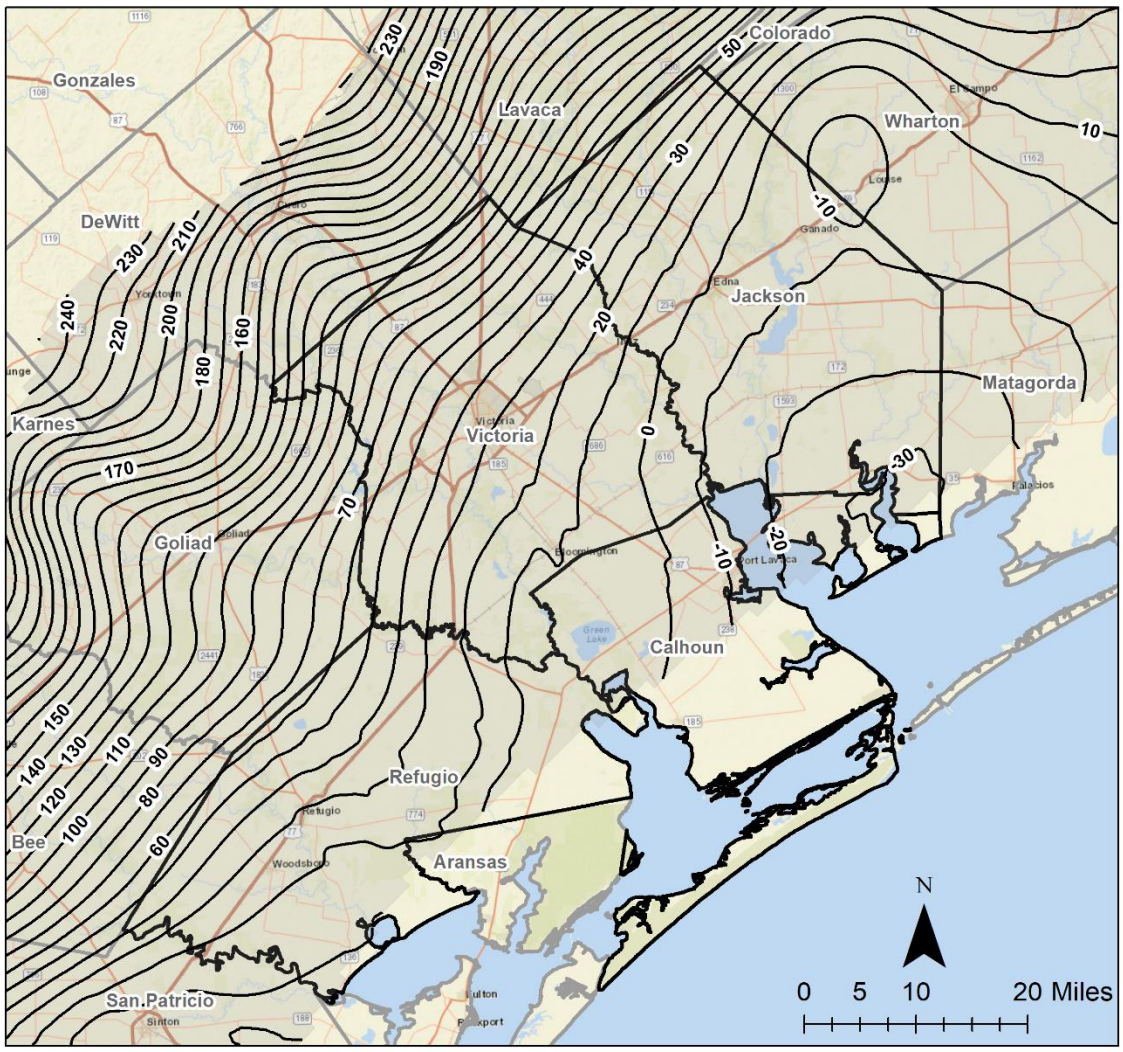


Figure 10 Contours of the Water Levels Generated for the Evangeline Aquifer for the 2025 Analysis Year

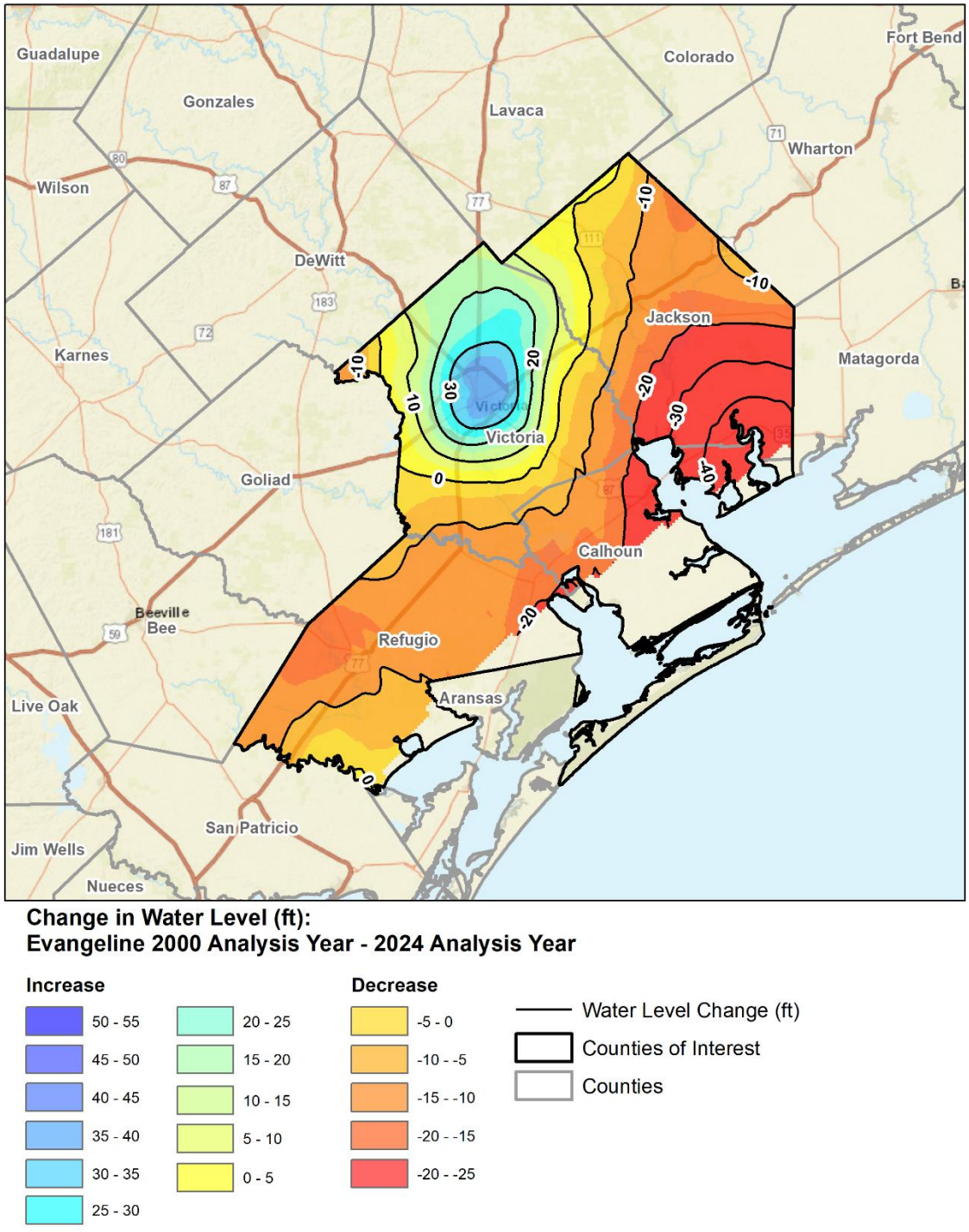


Figure 11 Contours of the change in water levels in the Evangeline Aquifer from the 2000 Analysis Year to the 2024 Analysis Year

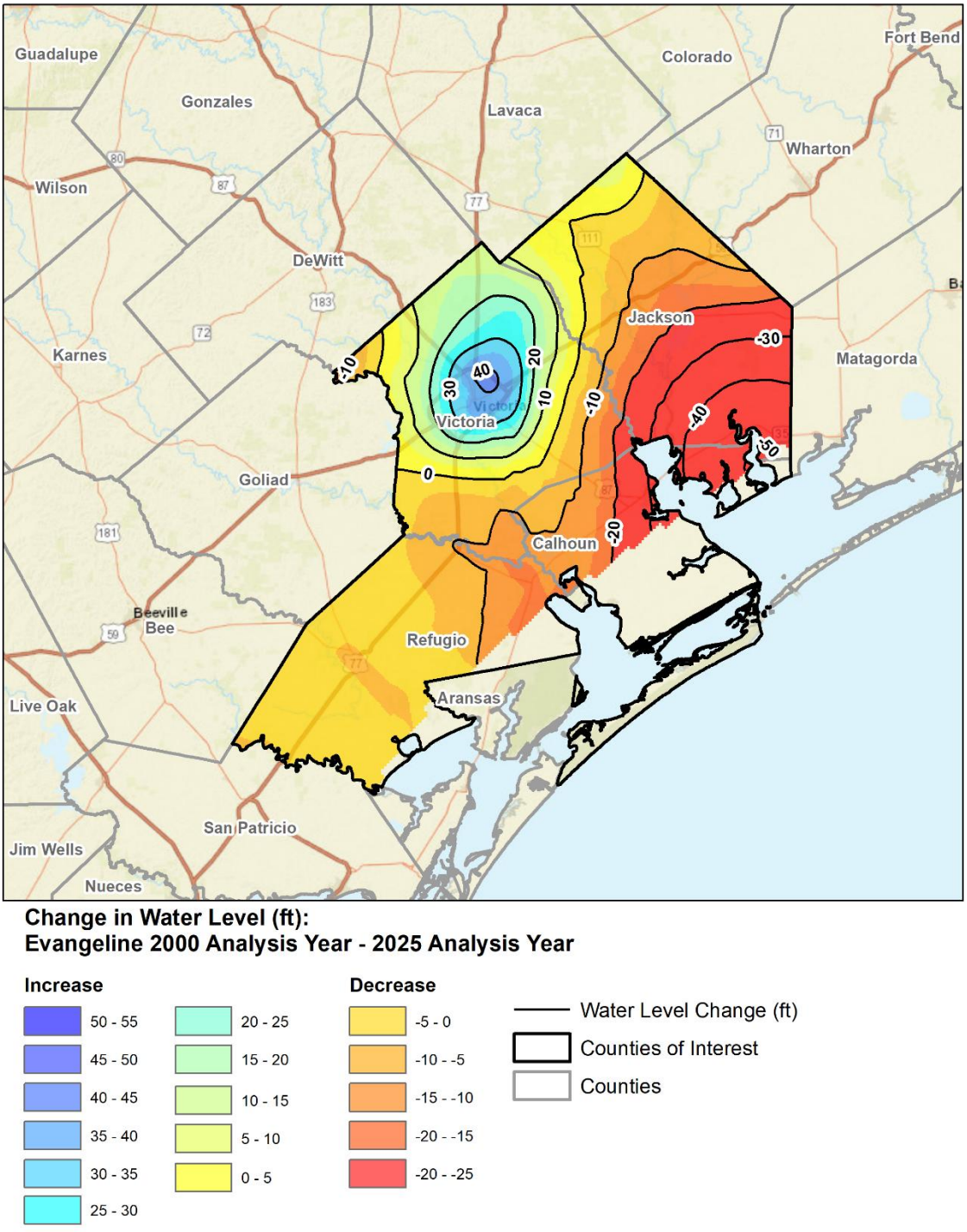


Figure 12 Contours of the change in water levels in the Evangeline Aquifer from the 2000 Analysis Year to the 2025 Analysis Year

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

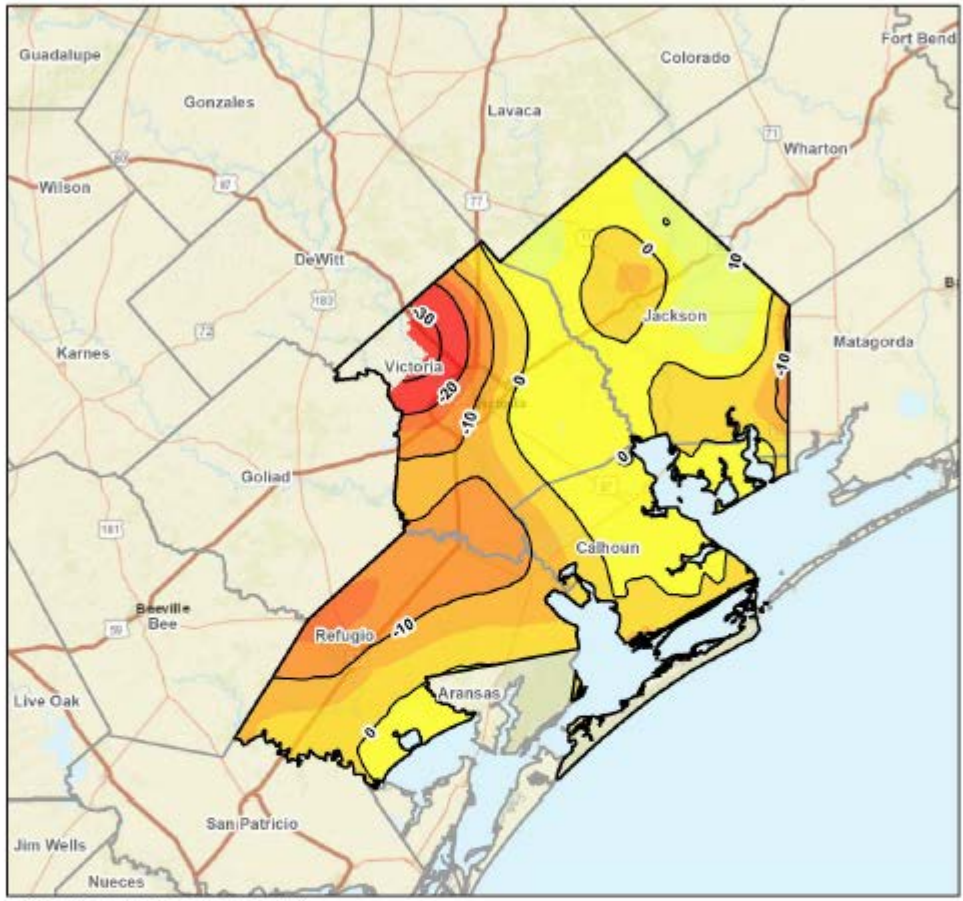
GCD Well ID	SWN	Land Surface Elevation (ft)	Number Observations	X Coordinate (EPSG: 10481)	Y Coordinate (EPSG: 10481)	County	Assigned Unit	2021 WL (famsl)	2022 WL (famsl)	2023 WL (famsl)	2024 WL (famsl)	2025 WL (famsl)
	6648908	88.6	1	6191979.556	18983575.02	Wharton	Chicot	61.9	63.9	61.3	61.3	61.3
	6648909	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	Evangeline	433.4		433.9		
	7925506	357.6	1	5588531.994	18705815.3	Bee	Evangeline				315.9	314.6
	7934202	367.5	1	5622966.876	18682494.9	Bee	Evangeline				227.3	
	7934409	337.9	165	5611873.1	18666690.77	Bee	Evangeline				202.7	202.2
	7935101	259.2	1	5653850.936	18675987.78	Bee	Evangeline					192.1
	7935305	223.1	1	5678784.836	18682716.41	Bee	Evangeline	163.5	167.6	165.0	164.5	162.9
	7942213	272.3	1	5626138.388	18643518.71	Bee	Evangeline				201.1	199.2
	7942703	242.8	1	5613291.981	18608678.97	Bee	Evangeline				176.9	176.2
	7943903	134.5	1	5675083.986	18603841.03	Bee	Evangeline				86.3	
	7944103	150.9	1	5694551.945	18639705.47	Bee	Evangeline	94.7	103.9	96.6		94.2
	6612204	315.0	1	6006651.686	19197891.07	Colorado	Evangeline				279.2	278.8
	6612603	292.0	1	6017965.978	19175508.14	Colorado	Evangeline	201.4	203.0	200.6	200.6	200.7
	6619804	347.8	1	5971828.084	19115859.93	Colorado	Evangeline	278.7	280.2	276.0	274.9	277.5
	6619904	331.4	182	5980068.273	19120713.03	Colorado	Evangeline				187.9	188.2
	6620602	200.1	1	6018373.354	19139235.28	Colorado	Evangeline	152.7		145.1		142.9
	6620901	242.8	1	6021363.335	19116718.14	Colorado	Evangeline					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



Change in Water Level (ft):
Chicot 2000 Analysis Year - 2025 Analysis Year

Increase

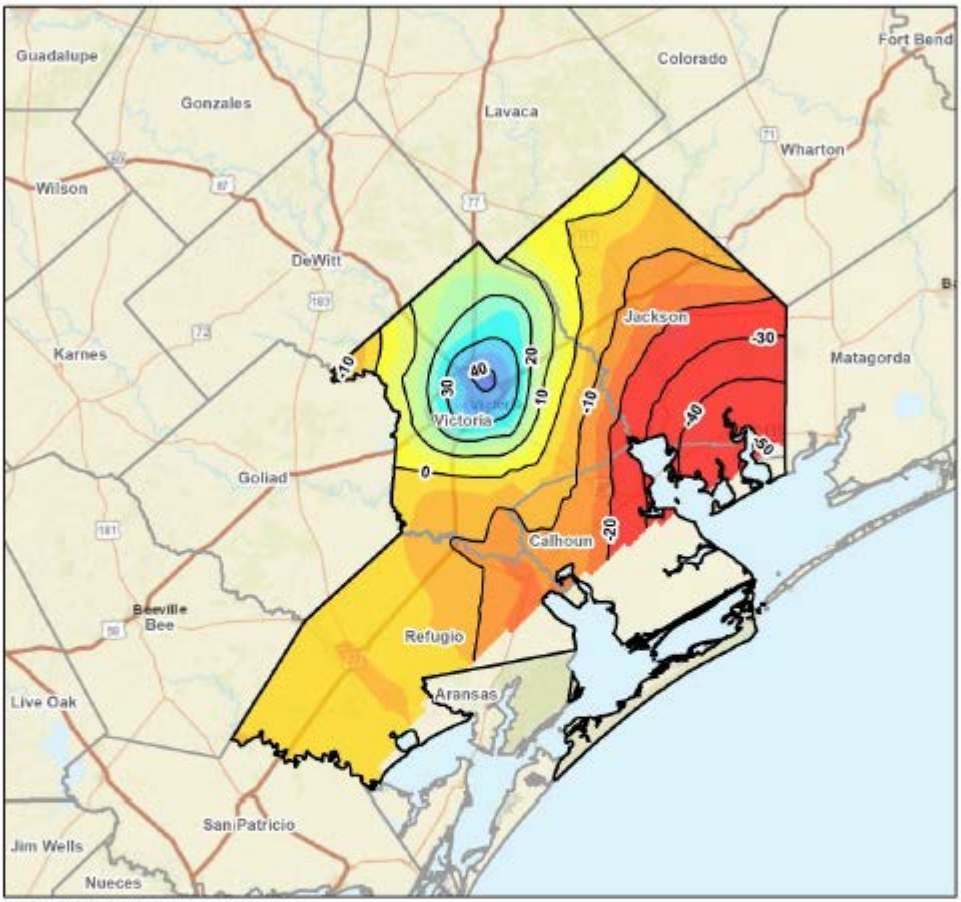
- 50 - 55
- 45 - 50
- 40 - 45
- 35 - 40
- 30 - 35
- 25 - 30
- 20 - 25
- 15 - 20
- 10 - 15
- 5 - 10
- 0 - 5

Decrease

- -5 - 0
- -10 - -5
- -15 - -10
- -20 - -15
- -20 - -25

- Water Level Change (ft)
- Counties of Interest
- Counties

Figure 7 Contours of the change in water levels in the Chicot Aquifer from the 2000 Analysis Year to the 2025 Analysis Year



Change in Water Level (ft):
Evangeline 2000 Analysis Year - 2025 Analysis Year

Increase

50 - 55	20 - 25
45 - 50	15 - 20
40 - 45	10 - 15
35 - 40	5 - 10
30 - 35	0 - 5
25 - 30	

Decrease

-5 - 0
-10 - -5
-15 - -10
-20 - -15
-20 - -25

Water Level Change (ft)
Counties of Interest
Counties

Figure 12 Contours of the change in water levels in the Evangeline Aquifer from the 2000 Analysis Year to the 2025 Analysis Year

Four County
Groundwater Quality Study

Prepared for

Victoria County GCD
Texana GCD
Calhoun GCD
Refugio GCD

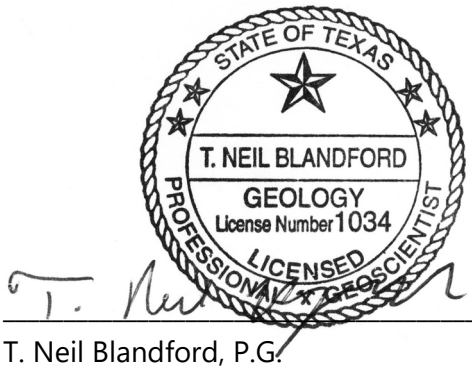
Prepared by

DBS&A
a Geo-Logic Company

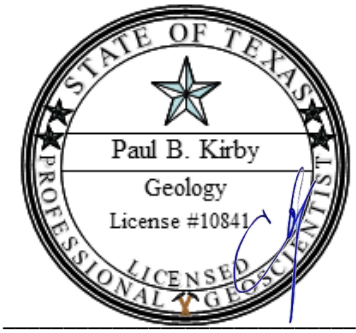
Texas Registered Engineering Firm F-286
Texas Registered Geoscience Firm No. 50045
12303 Technology Boulevard, Suite 930D
Austin, Texas 78727
www.dbstephens.com
DB25.1087

March 20, 2026

Signatures



T. Neil Blandford, P.G.



Paul B. Kirby, P.G.

Table of Contents

List of Figures

List of Appendices

1. Introduction

Daniel B. Stephens & Associates, Inc. (DBS&A) has prepared this report documenting the results of a study to evaluate groundwater quality in Victoria, Calhoun, Refugio, and Jackson Counties, Texas (the study area) (Figure 1). The study was conducted on behalf of the Victoria County Groundwater Conservation District (GCD), the Texana GCD, the Calhoun County GCD and the Refugio GCD (the Districts). The purpose of the evaluation was to better understand natural groundwater conditions and changes in water quality within the Districts caused by groundwater pumping or other factors.

The study used total dissolved solids (TDS) measurements and the commonly applied surrogate, specific conductance (also called electrical conductance) (SC/EC), as the quantitative measure of water quality. The study focused on the two primary aquifers that occur in the Districts, the Chicot and the Evangeline, both of which constitute portions of the major Gulf Coast Aquifer as defined by the State of Texas.

The Districts requested that groundwater quality be evaluated at 5-year intervals over the period 2000 through 2020, and that changes in water quality over each 5-year interval be quantified. Unfortunately, the available groundwater quality data were insufficient to make 5-year determinations. Changes in water quality through time were evaluated by developing plots of TDS concentration through time at wells with multiple data points, and the spatial variation in water quality was determined by developing "current condition" TDS contour maps. All information referenced and presented in this report was provided to the Districts in electronic format.

2. Gulf Coast Aquifer Overview

The Gulf Coast Aquifer is a major aquifer as defined by the Texas Water Development Board (TWDB). Numerous publications document the geology and hydrogeology of the aquifer; this section provides only a brief summary to document the geologic formation and aquifer nomenclature relevant to the study area.

The Gulf Coast Aquifer parallels the Gulf of Mexico coastline, and consists of multiple aquifers, including (from oldest to youngest) the Jasper, Evangeline, and Chicot (Figure 2). The aquifer units are composed of discontinuous sand, silt, clay, and gravel beds of Miocene to Holocene

age. All of the sedimentary units thicken toward the Gulf of Mexico. The Catahoula tuff forms a leaky confining layer at the base of the aquifer, and the Burkeville confining unit separates the Jasper Aquifer from the overlying Evangeline Aquifer (TWDB, 2016). The primary aquifers used for water supply in the study area are the Chicot Aquifer (shallow) and the Evangeline Aquifer (underlies the Chicot Aquifer) (Figure 2).

3. Data Compilation

Groundwater quality data from public sources were compiled and organized in a geodatabase for use in a project geographic information system (GIS). The two data sources relied upon were the online database maintained by TWDB and the groundwater quality database maintained by the Districts. Sections 3.1 and 3.2 provide an overview of these data sources and how they were applied for this project. The compiled GIS geodatabase was provided to the Districts.

3.1 TWDB Data

Water quality data from the TWDB online database were downloaded on July 7, 2025. Figure 3 shows the water quality data points (those with available TDS and SC/EC data) obtained from TWDB. Data adjacent to the study area was useful to assist with developing water quality contours near the study area boundary.

As explained in Section 2, the designated aquifers within the major Gulf Coast Aquifer consist of multiple geologic formations. Aquifer designations provided in Figure 3 are based on the aquifer listed in the TWDB database where an aquifer was identified. For some wells, one or more geologic formations are provided in the database rather than an aquifer name. For these wells, the aquifer was determined based on Figure 2. For example:

- A well completed in the "Beaumont Clay and Lissie Formation" is designated as a Chicot Aquifer well.
- A well completed in the "Goliad Sand" is designated as an Evangeline Aquifer well.
- A well completed in the "Lissie Formation and Goliad Sand" is designated as a Chicot and Evangeline Aquifer well.

Wells completed in the older geologic units of the Gulf Coast Aquifer, such as the Jasper Aquifer, are shown in Figure 3 but were not used in the study.

Although most of the TWDB database wells in Jackson County are identified as Gulf Coast Aquifer, most of these wells are believed to be completed in the Chicot Aquifer based on well depth and the aquifer designations for wells in adjacent counties.

3.2 District Data

Figure 4 shows well locations included in the groundwater quality monitoring programs of the Districts. The District data were provided as several downloads, with the most recent download provided on September 5, 2025. Some of the wells monitored by the Districts are also included in the TWDB database. Many of the water quality measurements reported by the Districts are values of SC/EC obtained in the field using a portable meter and groundwater samples taken at the wellhead. Values of SC/EC obtained in this manner are often referred to as field parameters. TDS data are also provided in the District data; however, the TDS measurements are often not laboratory values, but rather values calculated from a standard equation provided with the SC/EC field meter software. These non-laboratory District TDS values were not used in the study; the approach used to estimate TDS from District SC/EC data is presented in Section 4.

During review of the District data, it was discovered and later confirmed with the Districts that multiple units are used for some District database TDS concentration values. Some TDS values have concentration units of grams per liter (g/L), while some have concentration units of milligrams per liter (mg/L). Milligrams per liter is the standard unit of measure for TDS concentrations of fresh and brackish groundwater. TDS concentration values in the District data that appeared to be reported in g/L (based on the magnitude of the value) were changed to mg/L by multiplying the value by 1,000. A list of the data points where this unit adjustment was applied was provided to the Districts, and these data points are identified on the plots of TDS versus time.

4. Data Analysis

Prior to review of the spatial distribution of the water quality data, TDS concentrations were estimated for the SC/EC values that had no corresponding laboratory value of TDS. Most of the SC/EC data points were provided in the District monitoring data, but some points were also available from the TWDB data. TDS concentration was estimated from SC/EC values using linear regression equations determined from data points that had values for both SC/EC and laboratory measurements of TDS. There were 102 data pairs available for the analysis. These datapoints and the regression analysis are provided as Appendix A.

Initially, one regression equation was developed using all 102 data pairs. However, when the initial equation was used to estimate TDS from some of the lower values of SC/EC, unreasonably low estimates of TDS were obtained. To address this issue, two regression equations were developed, one for SC/EC values of 5,000 microsiemens per centimeter (µS/cm) or less (84 points), and the other for SC/EC values greater than 5,000 µS/cm (18 points). Both correlations are provided in Figure 5. For the case where SC/EC is lower than 5,000 µS/cm (Figure 5a), the coefficient of determination (R^2) value is 0.86. For the case where SC/EC is greater than 5,000 µS/cm (Figure 5b), the R^2 value is 0.97. R^2 is a statistical measure in a regression model that indicates the proportion of variance in the dependent variable that can be explained by the independent variable. Therefore, for the first case where R^2 is 0.86, 86 percent of the variance in the data can be accounted for by the linear regression equation, and the remaining 14 percent of the variance is attributable to other, undetermined factors. For the purposes of this study, R^2 values of 0.86 and 0.97 are sufficient to obtain reasonable estimates of TDS from SC/EC values.

Once TDS concentrations were estimated from the available SC/EC data, the available TDS data were plotted at 10-year increments (i.e., all available TDS data points within each 10-year period were plotted on a figure). These figures are provided in Appendix B. Figures were also made of TDS through time for wells that had three or more data points (Appendix C). Review of these figures indicated the following:

- Much of the available data were for early or recent dates.
- There were insufficient data to develop TDS contours for the study area for specific 5-year periods, such that the contours for multiple periods could be meaningfully compared to one another to evaluate changes in water quality over time.

Given that the Districts were most interested in relatively recent time (2000 through 2020), and at many locations, distinct upward or downward long-term trends in TDS concentration were not evident, it was decided to produce "current condition" TDS contour maps using recent data while also considering older data where trends in TDS concentration were not evident. The approach to developing the TDS concentration maps is presented in Section 5.

5. Groundwater Quality

This section details how maps of water quality (TDS distribution) were developed for the study area. As explained in Section 4, the contour maps are representative of what are referred to as current conditions, although TDS values from multiple dates are used to develop the maps as explained in Section 5.1.

5.1 Contouring Approach

Mathematical (or computer generated) contouring approaches using geostatistics or other methods were considered as an approach for contouring TDS within the study area, but ultimately were not used. The main reason for not using these approaches is that set numerical algorithms are not readily capable of simultaneous consideration of multiple site-specific conditions that affect contour delineation, such as well depth and aquifer identification, changes (or lack thereof) of TDS values through time, and multiple sources of salinity such as coastal and tidal waters and areas of groundwater contamination. Attempts could be made to adjust the TDS datasets through detrending, categorization of values, and assignment of confidence to data points, but these types of adjustments would be time-consuming and unlikely to lead to improved certainty in TDS contour delineation.

TDS contours were digitized from contours hand-drawn on multiple plates. Posted on each plate were well locations, the designated aquifer (including unknown), the well depth (if known), the most recent TDS value and date of measurement, whether the TDS value was from a laboratory measurement or was estimated from SC/EC, and whether multiple TDS values were available through time. Using this information, contours of TDS concentration were hand-drawn for the study area following these general guidelines:

- TDS concentration values for wells screened over multiple aquifer units (i.e., Chico and Evangeline) were generally not used to constrain the water quality contours.
- TDS concentration values from laboratory analysis were considered more reliable than TDS concentration values estimated from SC/EC.
- Priority was generally placed on recent TDS concentration values. In some regions, the only TDS concentration data available were from early data, such as the 1950s or 1960s. Where such early values were inconsistent with the locations of TDS contour lines based on more recent, adjoining data, the early TDS data point was ignored.

- In some regions where multiple TDS concentration values were available for a given well, the plots of TDS concentration through time were reviewed to consider possible TDS concentration trends while delineating the TDS concentration contours.
- Where the aquifer was unknown but well depth was available, the well depth was considered in conjunction with nearby wells to determine the likely aquifer tapped by the well.
- Where the well depth was unknown, the TDS concentration was considered in conjunction with the TDS concentrations of nearby wells to determine if the value would be honored in the contouring.

The resulting TDS contours are provided in Figures 6 and 7. The TDS contours in Figure 6, with the exception of the far northwestern portion of Victoria County, are representative of the Chicot Aquifer. The TDS contours generally portray the water quality in the groundwater system as would be expected, where TDS increases toward the coastline and tidal waters.

Review of the available data in Refugio County indicated two distinct categories of data. Shallow wells, typically about 100 to 300 feet deep, have reported water quality different than that of the deeper wells, which are typically about 800 to 1,000 feet deep. The shallower wells in Refugio County are believed to be representative of the Chicot Aquifer, and deeper wells are believed to be representative of the Evangeline Aquifer. TDS contours based on the shallow wells in Refugio County are provided in Figure 6. TDS contours based on deeper wells are provided in Figure 7. Wells shown in Figure 7 are Evangeline Aquifer wells or wells with no aquifer designation that are 400 feet or more in depth. Comparison of Figures 6 and 7 indicates that for a given location in Refugio County, water quality would generally be better (less saline) at depth.

Outside of Refugio County, the number of Evangeline Aquifer wells was insufficient to reasonably develop TDS contours, although in the northwestern corner of Victoria County the Chicot Aquifer pinches out and the 500 mg/L TDS contour is indicative of water quality in the Evangeline Aquifer. It was observed elsewhere in Victoria County that the TDS concentrations reported for many (but not all) of the Evangeline Aquifer wells are consistent with the TDS contours delineated for the Chicot Aquifer. In Jackson County, some of the deeper wells identified as Gulf Coast Aquifer wells may be Evangeline Aquifer wells (particularly in the northern portion of the county), but detailed evaluation of well completions was outside the scope of this study.

5.2 Contaminated Sites

Some of the monitor wells in the study area were (or are) used to monitor areas where groundwater contamination has likely occurred, as evidenced by recent large changes in water quality reported to the Districts by well owners. At these locations, a water quality contour was drawn around the approximate region of contamination, but more detailed contouring within the local contaminated region was not conducted. These locations appear as contour "bullseyes" on Figure 6, and are very small relative to the study area extent. These sites are as follows:

- The Serene Drive area of southern Victoria County (District monitor wells Victoria County GCD-NW-493, GW-509, GW-970, and GW-824).
- Several locations in the FM-446 area about 8 miles southwest of Victoria and south of U.S. Highway 59 (District monitor wells Victoria County GCD-NW-558, GW-699, GW-698, and GW-730).
- The Olivia area in Calhoun County (District monitor well GW-00094).
- The ALCOA site in southern Jackson County near the intersection of TX 172 and State Highway 35.
- The vicinity of the Boca Chica community in the far southeastern corner of Jackson County.

5.3 Water Quality Contour Accuracy

For the Chicot Aquifer, Victoria and Jackson Counties have the most complete coverage in terms of wells with water quality data, followed by Calhoun County and then Refugio County. The water quality contours are more representative of actual conditions where the density of data points is greatest. However, even in Victoria and Jackson Counties there are regions of many square miles where the distance between neighboring wells with water quality data is 5 miles or more.

In general, it can be expected that a new well drilled within the study area at a given location would have the approximate water quality indicated on Figures 6 and 7, within one-half of the contour interval value. For example, the contour interval in Victoria County is 250 mg/L. Therefore, a new well drilled directly on the 750 mg/L contour line as represented in Figure 6 would be expected to have a TDS concentration of 625 to 875 mg/L (i.e., 750 mg/L ± 125 mg/L, where 125 mg/L is one-half of 250 mg/L). In Refugio County, where the contour interval is

1,000 mg/L and data availability is sparse compared to the other counties, the expected accuracy would be ± 500 mg/L.

This concept is a general guideline to assist with a working knowledge on how the maps may be applied; larger variations in water quality may be delineated as additional data points become available and as more detailed maps are constructed in the future.

5.4 Water Quality Through Time

Plots were made of TDS concentration through time for wells with three or more data points (Appendix C). An electronic GIS tool was provided to the Districts where a well can be selected using the cursor and the plot of TDS concentration versus time will be displayed. In addition, all of the plots are provided as jpg files, named according to the monitor well identification number. Section 5.4.1 presents selected examples of water quality through time plots for each county, and Section 5.4.2 identifies monitor wells where TDS is increasing. The locations of the wells discussed in Sections 5.4.1 and 5.4.2 are provided in Figure 8.

5.4.1 Example Plots for Each County

Numerous wells with water quality through time are available for viewing in the GIS tool. The available plots were reviewed for each county, and a couple of wells were selected for each county that had a significant time period of available data. The selected plots for Victoria, Jackson, Calhoun, and Refugio Counties are provided in Figures 9 through 12, respectively.

Note that the y-axis (TDS concentration) scale changes for each plot. Also, each plot shows data points (if any) where the concentration units in the District database were converted from g/L to mg/L (green points) and TDS concentration values that are estimated from SC/EC using the regression equations presented in Section 4 (red points). In this manner, the various data points can be compared to the adjacent laboratory values of TDS concentration. For example, in Figure 11 for well 8026604 (lower figure), the one significant increase in TDS concentration, from about 600 mg/L to nearly 850 mg/L, is based on an estimated TDS data point. It is likely that a portion, if not most, of the increase may be due to the uncertainty in the estimation of TDS from SC/EC rather than an actual increase in salinity. Stated another way, if TDS concentration had been measured in the laboratory for this data point, it is suspected that it likely would have been a lower value.

The changes in TDS concentration over time in Figures 9 through 12 are believed to be what might be called "natural" fluctuations. There are no consistent changes of sufficient magnitude that would indicate, for example, seawater intrusion due to groundwater pumping.

5.4.2 Wells with Worsening Water Quality

The plots of water quality through time were reviewed to identify wells with worsening water quality, as indicated by a significant, discernable increase in TDS not believed to be attributable to natural variability or measurement technique (i.e., laboratory measurements of TDS concentration versus field SC/EC). The focus of this evaluation was approximately the past 20-year time period.

No wells were identified with worsening water quality in Calhoun and Refugio Counties. In Jackson County, monitor wells Texana GCD - GW-00092 and GW-00311 were identified as exhibiting worsening water quality over time (Figure 13). The TDS concentration at monitor well GW-00092 has increased from less than 2,500 mg/L in 2012 to over 4,000 mg/L in 2022, and appears to be in a region of groundwater contamination (Figure 13a). The TDS concentration at monitor well GW-000311, which is near the ALCOA site, has increased from less than 750 mg/L in 2014 to over 1,100 mg/L in 2023 (Figure 13b).

Four wells with worsening water quality were identified in Victoria County: Victoria County GCD wells GW-000235, GW-000237, GW-000489, and GW-000595. TDS concentration over time for these wells is provided in Figure 14. The TDS concentration at monitor well GW-000235 has increased from less than 1,250 mg/L in 2012 to just under 1,450 mg/L between 2012 and 2014. The most recent data indicate that TDS concentration at this well continues to increase. The TDS concentration at monitor well GW-000237 has exhibited a similar trend to that at monitor well GW-000235, although the TDS values were initially less than 980 mg/L and increased to approximately 1,100 mg/L. The TDS concentration at monitor well GW-000489 has increased from less than 1,000 mg/L over a 20-year period before approximately 2005, and District monitoring data indicates an increase to over 2,000 mg/L, with one value of about 3,500 mg/L over the period of 2012 to 2025. The TDS concentration at monitor well GW-000595 has steadily increased from less than 1,400 mg/L in 2013 to over 2,400 mg/L in 2021; this well is at a known site of groundwater contamination.

Investigation regarding the specific causes of the degradation of groundwater quality at wells that indicate worsening water quality was outside the scope if this study.

6. Recommendations

The following are recommendations that may be considered by the Districts to improve their water quality monitoring programs.

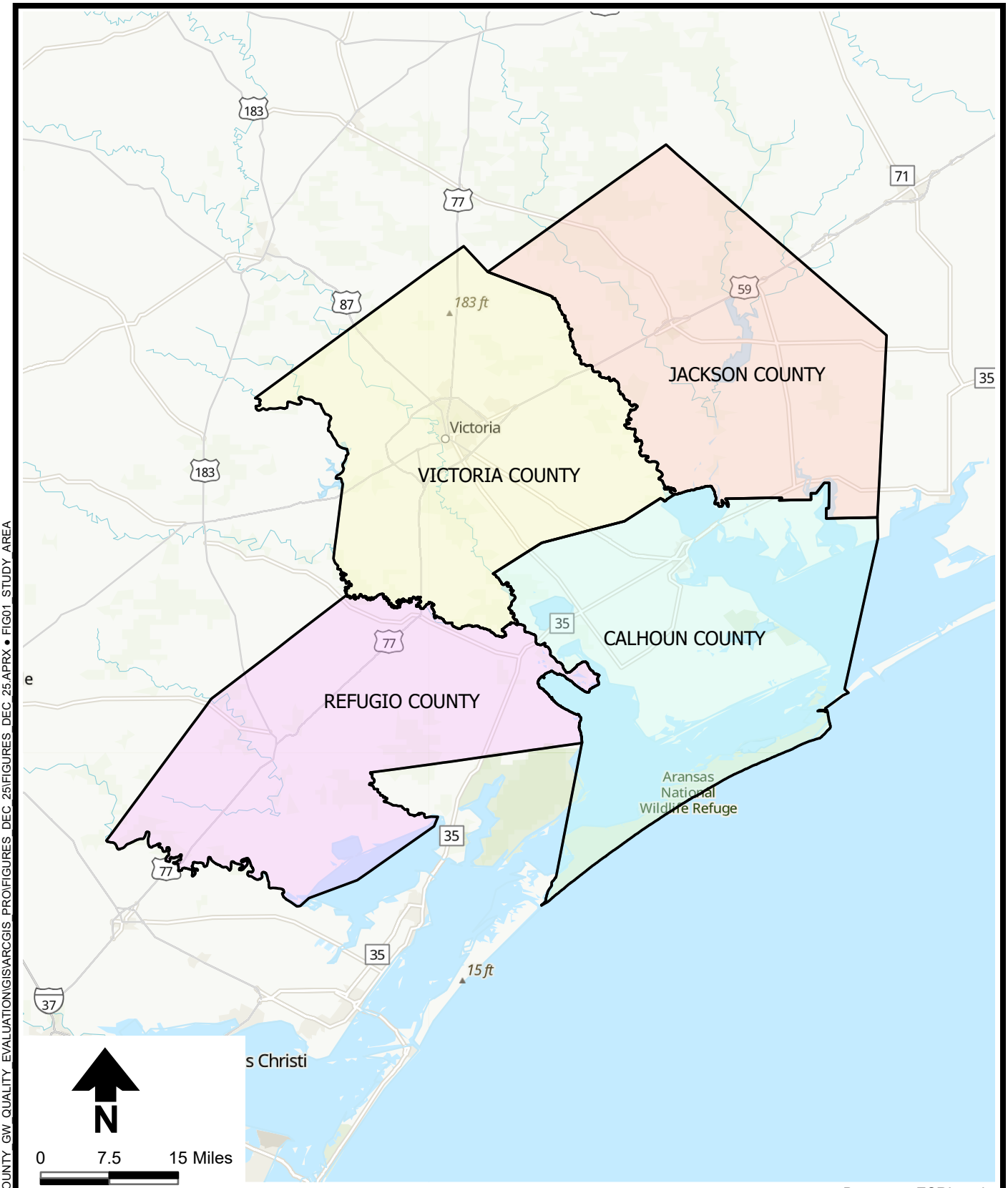
1. There are some database improvements that could be made with small effort. It would be useful to maintain consistent TDS concentration units of mg/L, and to convert all prior units of g/L. It would also be useful to have geologic formation and/or aquifer designations for all monitor wells, which should be relatively straightforward using the well depths.
2. The Districts may consider monitoring for chloride (Cl^-) in addition to (or eventually in lieu of) TDS. Chloride is the most commonly used measure of water quality in coastal areas because it is a non-reactive ion. TDS is a measure of total water salinity, and therefore includes all ions dissolved in the water. However, some ionic concentrations in water may be affected (and therefore changed) by various geochemical processes, whereas chloride is not. Correlations between SC/EC and chloride could also be developed over time.
3. There are a good number of water quality monitoring points in Victoria County, distributed across the entire county (Figure 4). Relative to monitoring specifically for seawater intrusion, greater emphasis may be placed in the southern portion of the county rather than the northern portion of the county.
4. Although additional data are always useful at any location, additional data points in both aquifers (shallow and deep) in Refugio County would be helpful in delineating the water quality there. In Victoria County, additional data points in the Evangeline Aquifer would allow for more detailed observation of water quality changes at depth.
5. Evaluation of existing and proposed groundwater pumping centers was outside the scope of this project. Near large pumping centers in coastal regions, water quality degradation may occur from the upward migration of poor-quality water rather than from the lateral migration of poor-quality water. Water quality monitoring at depth, and not only the same aquifer unit as the pumping, would be useful to consider in regions of substantial groundwater withdrawals.

References

Shi, J., R. Boghici, and R. Anaya. 2022. *Conceptual model report: Central and southern portions of Gulf Coast aquifer system in Texas.* Texas Water Development Board. April 19, 2022.

Texas Water Development Board (TWDB). 2016. *Texas aquifers study: Groundwater quantity, quality, flow, and contributions to surface water*. December 31, 2016.

Figures



Basemap: ESRI et al.

Explanation

- Calhoun County GCD
- Refugio GCD
- Texana GCD
- Victoria County GCD

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\FIGURES DEC 25\FIGURES DEC 25.APRX • FIG01 STUDY AREA

DBS&A
a Geo-Logic Company

3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Four County Study Area

Figure 1

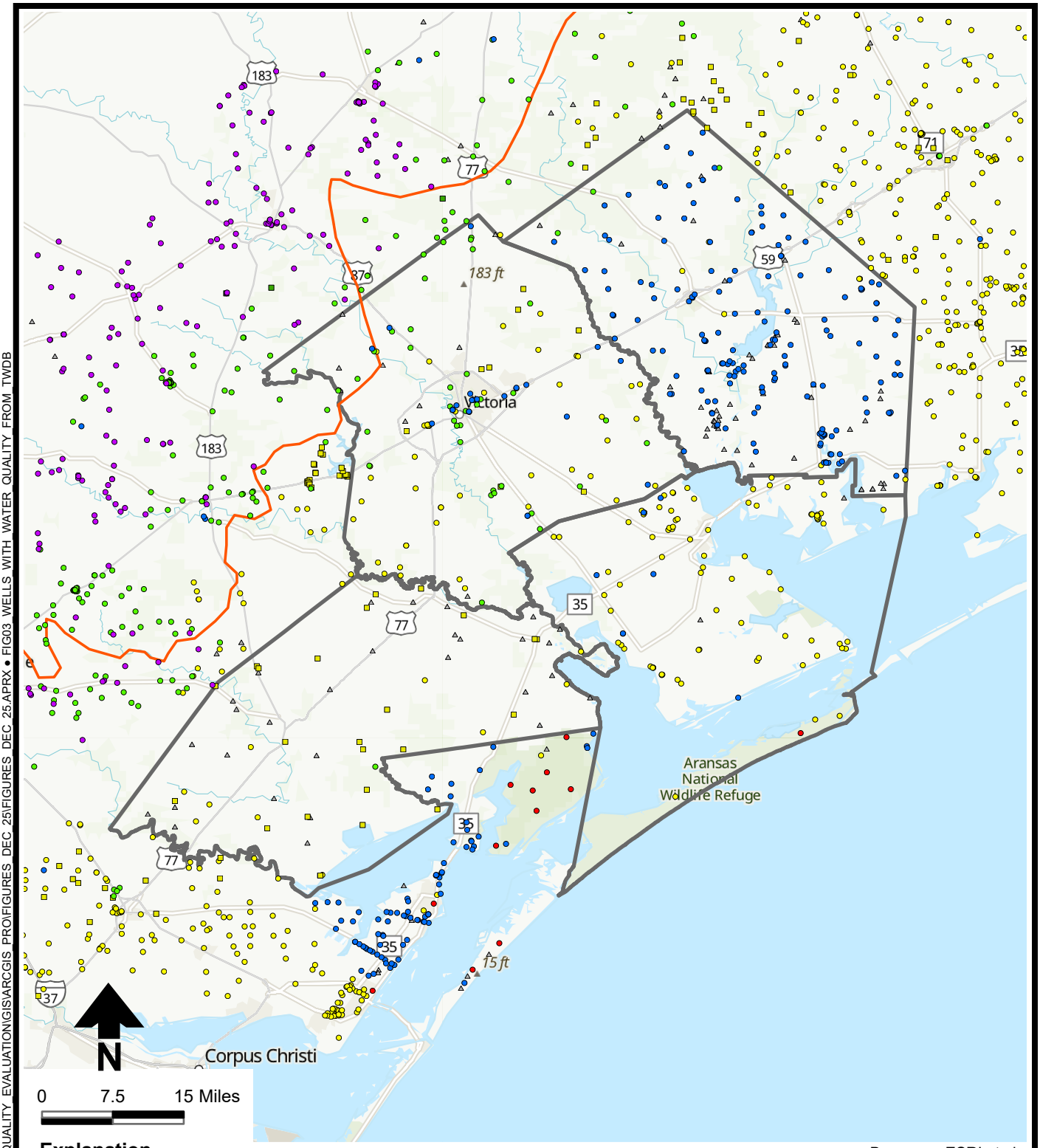
ERA	Period		Epoch	Stratigraphic Unit	Hydrogeologic Unit		
Cenozoic	Quaternary		Holocene	Alluvium and Eolian Sand	Alluvium /Eolian Aquifer	Model Layer 1	Gulf Coast Aquifer System
			Pleistocene	Beaumont Formation	Chicot Aquifer		
				Lissie Formation			
				Willis Formation			
	Tertiary	Neogene	Pliocene	Goliad Formation	Evangeline Aquifer	Model Layer 2	
			Miocene	Upper Fleming Formation			
				Middle Fleming Formation	Burkeville Unit	Model Layer 3	
				Lower Fleming Formation	Jasper Aquifer	Model Layer 4	
				Oakville Formation			
		Paleogene	Oligocene	Catahoula Formation (sand)			

Source: Shi et al., 2022
Note: Model layers are not applicable to this study.

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Geologic Formations and Corresponding Gulf Coast Aquifer Units

Figure 2



Explanation

- Four county study area
- Chicot Aquifer boundary
- TWDB well with TDS (aquifer)
  - Barrier Island
  - Chicot Aquifer
  - Chicot and Evangeline Aquifers
  - Evangeline Aquifer
  - Evangeline and Jasper Aquifers
  - Gulf Coast Aquifer
  - Jasper Aquifer
  - Jasper Aquifer and Catahoula Sandstone
  - Unknown
  - TWDB well with SC/EC only

Basemap: ESRI et al.

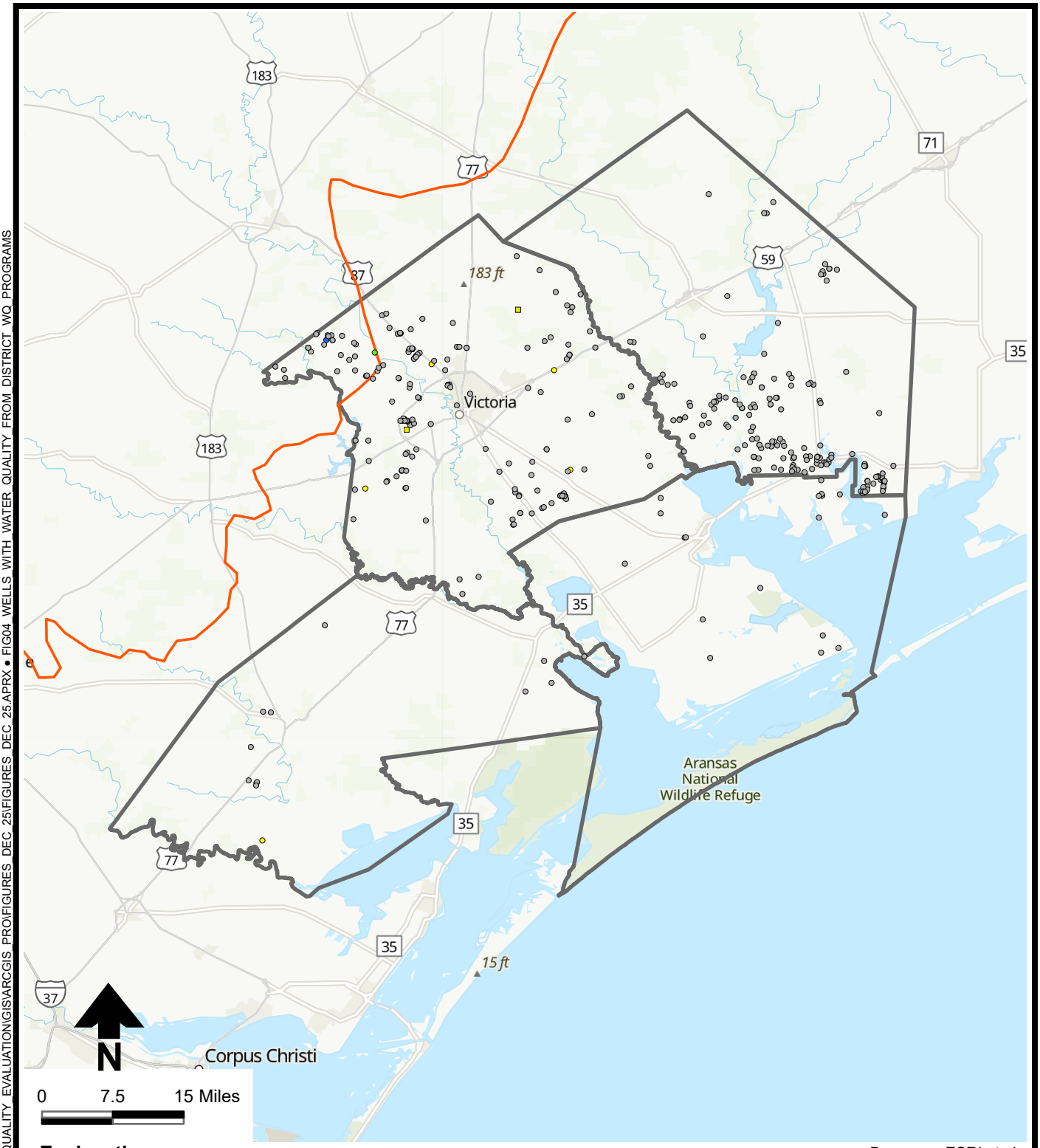
S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\FIGURES DEC 25\FIGURES DEC 25.APRX • FIG03 WELLS WITH WATER QUALITY FROM TWDB

DBS&A
a Geo-Logic Company

3/17/2026
DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION
Wells with Water Quality from the TWDB

Figure 3



Explanation

- Four county study area
- Chicot Aquifer boundary
- District monitoring program well with TDS (aquifer)
  - Chicot Aquifer
  - Chicot and Evangeline Aquifers
  - Evangeline Aquifer
  - Gulf Coast Aquifer
  - Unknown

Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\FIGURES DEC 25\FIGURES DEC 25.APRX • FIG04 WELLS WITH WATER QUALITY FROM DISTRICT WQ PROGRAMS

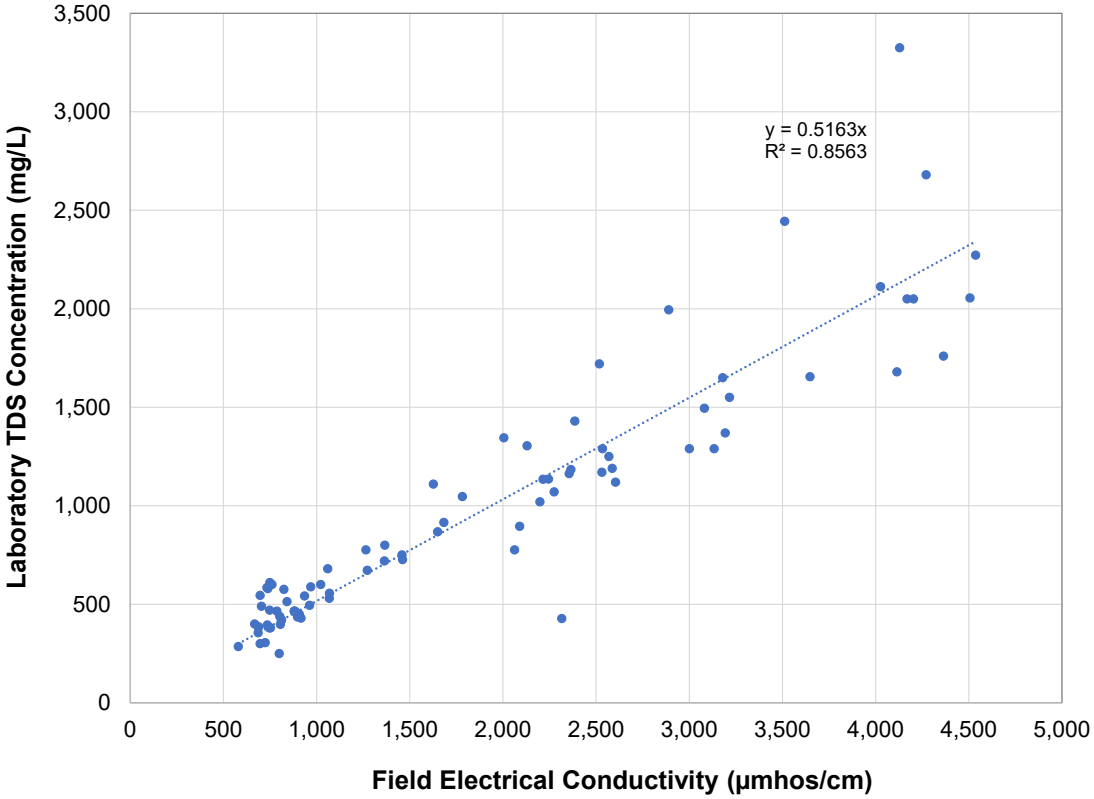
FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells Included in the District Monitoring Programs

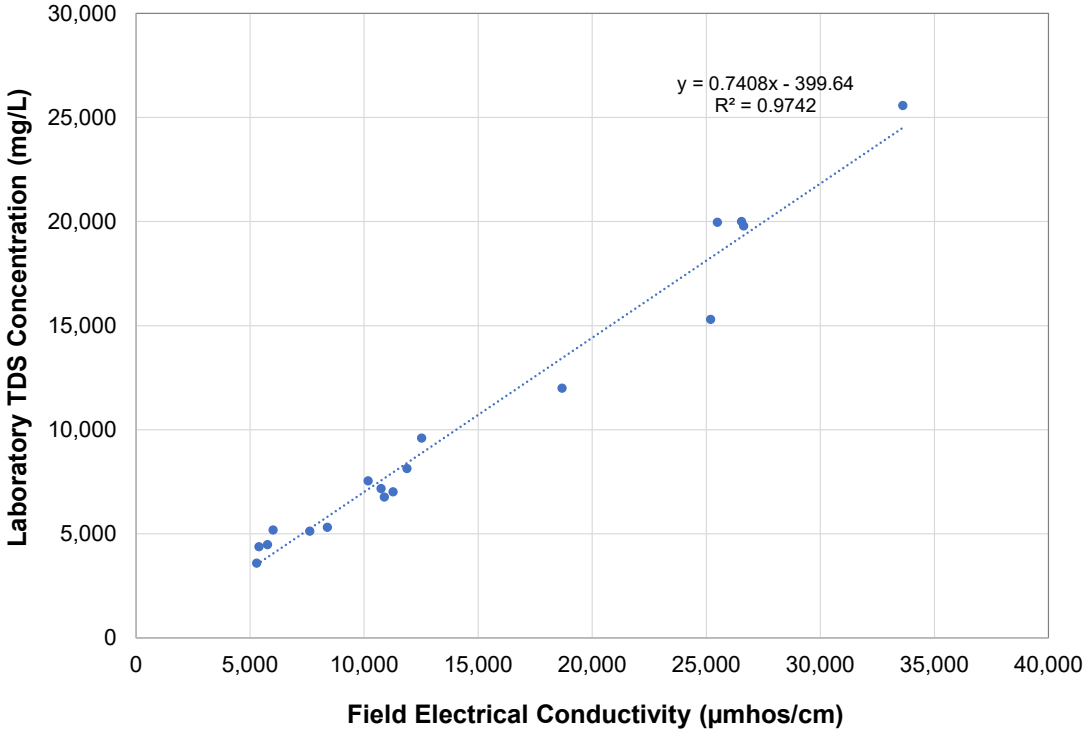
DBS&A a Geo-Logic Company

3/17/2026 DB25.1087

Figure 4



a. Regression for SC/EC of 5,000 µmhos/cm or less

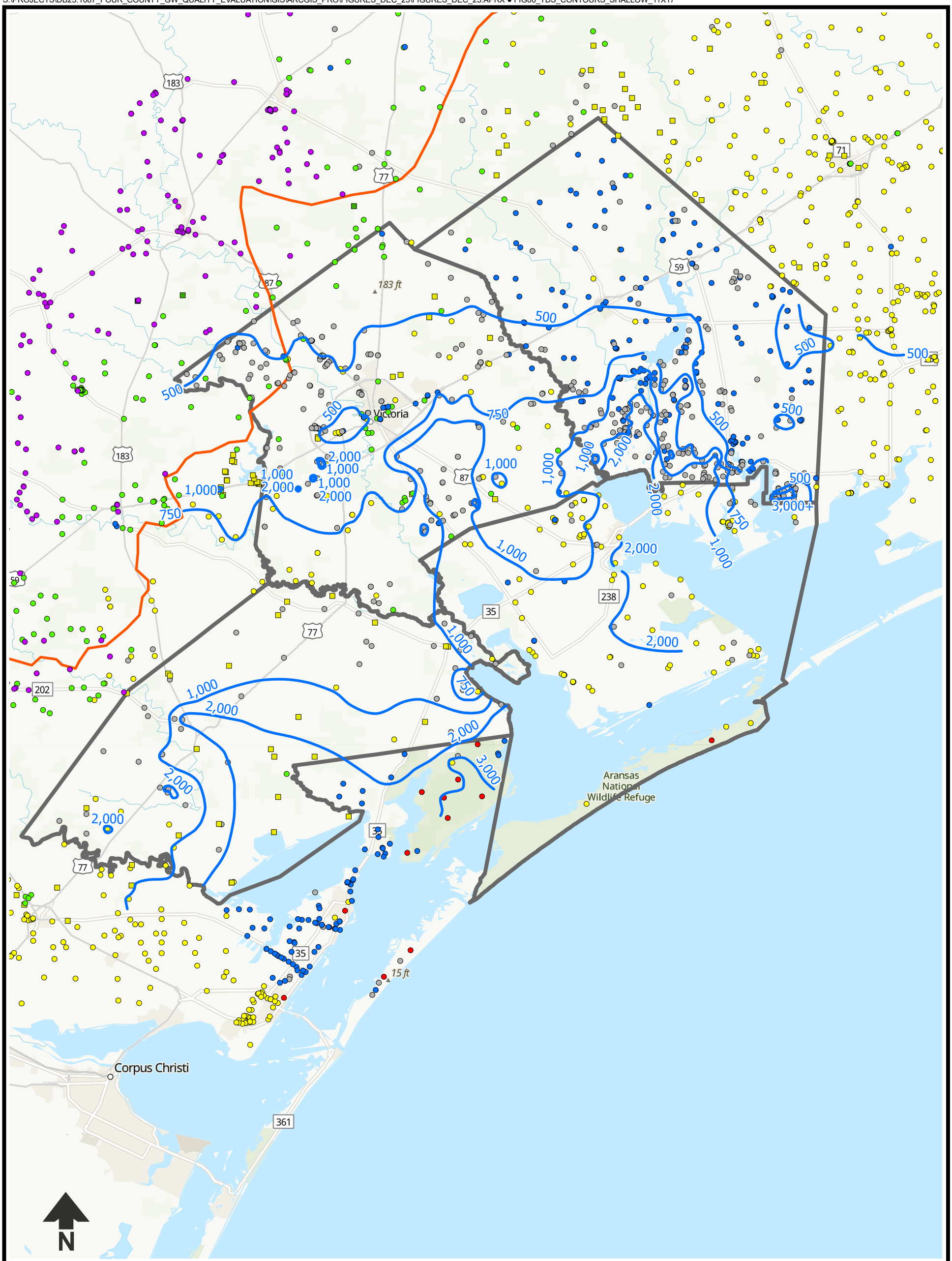


b. Regression for SC/EC greater than 5,000 µmhos/cm

P:_DB25-1087\Victoria WQ Report.D-25\Figures\Word\Fig05_SC-EC v TDS.docx

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Regressions of TDS vs. SC/EC



Basemap: ESRI et al.

Explanation

- TDS contour (mg/L)
- Four county study area
- Chicot Aquifer boundary

Well with TDS (aquifer)

- Barrier Island
- Chicot Aquifer
- Chicot and Evangeline Aquifers
- Evangeline Aquifer
- Evangeline and Jasper Aquifers
- Gulf Coast Aquifer
- Jasper Aquifer
- Jasper Aquifer and Catahoula Sandstone
- Unknown

STATE OF TEXAS
T. NEIL BLANDFORD
GEOLOGY
License Number 1034
LICENSED PROFESSIONAL GEOSCIENTIST

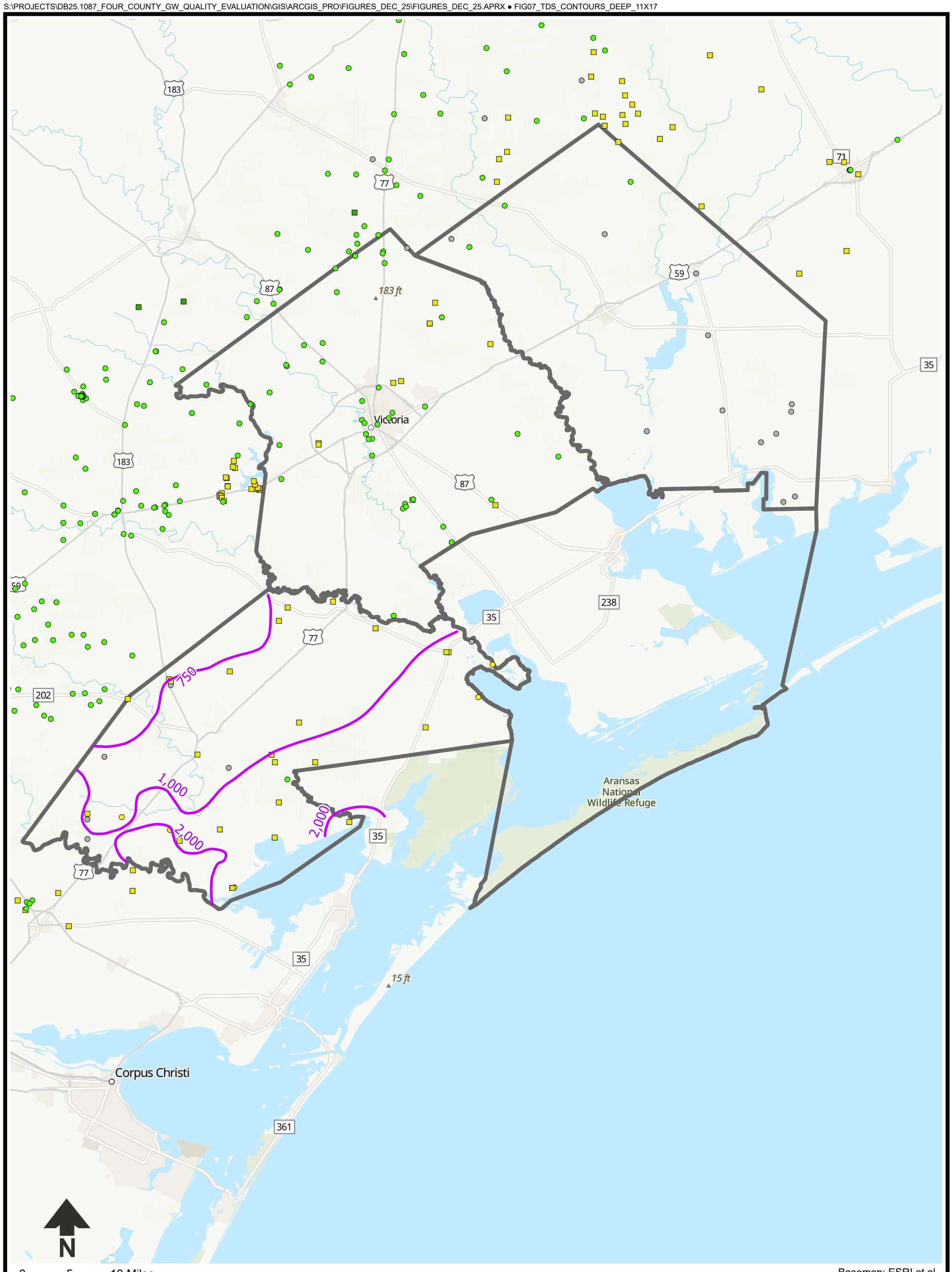
Figure 6

DBS&A
a Geo-Logic Company

3/17/2026 DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Shallow (Chicot Aquifer) Water Quality



Basemap: ESRI et al.

Explanation

- TDS contour (mg/L)
- Four county study area

Well with TDS (aquifer)

- Chicot Aquifer
- Chicot and Evangeline Aquifers
- Evangeline Aquifer
- Evangeline and Jasper Aquifers
- TDS value converted from SC

STATE OF TEXAS
T. NEIL BLANDFORD
GEOLOGY
License Number 1034
LICENSED
PROFESSIONAL GEOSCIENTIST

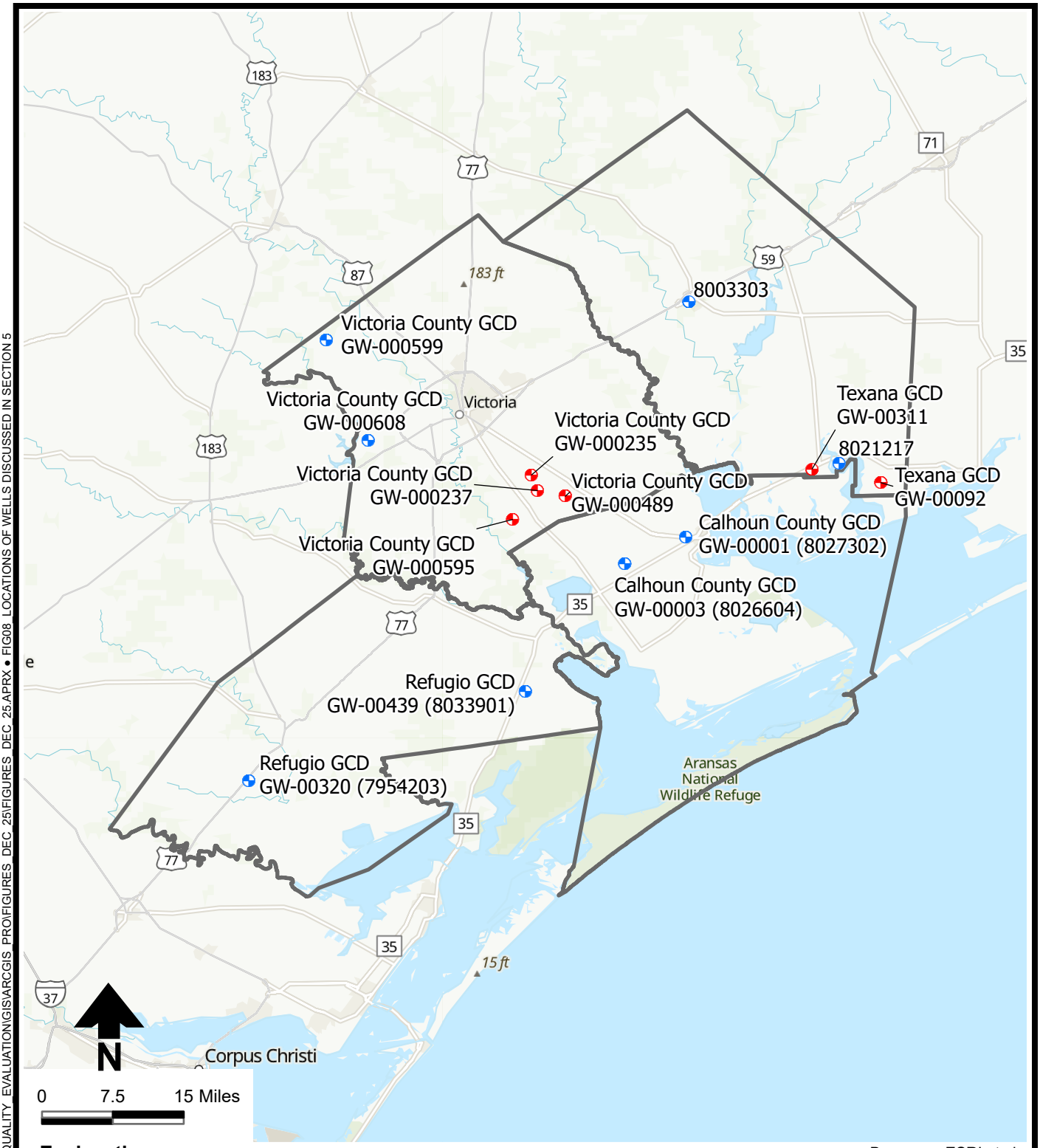
FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Deep (Evangeline Aquifer) Water Quality in Refugio County

Figure 7

DBS&A
a Geo-Logic Company

3/17/2026 DB25.1087



Explanation

- Example well with water quality through time (8 wells)
- Well with worsening water quality (6 wells)
- Four county study area

Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\FIGURES DEC 25\FIGURES DEC 25.APRX • FIG08 LOCATIONS OF WELLS DISCUSSED IN SECTION 5

DBS&A
a Geo-Logic Company

3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Locations of Wells Discussed in Section 5

Figure 8

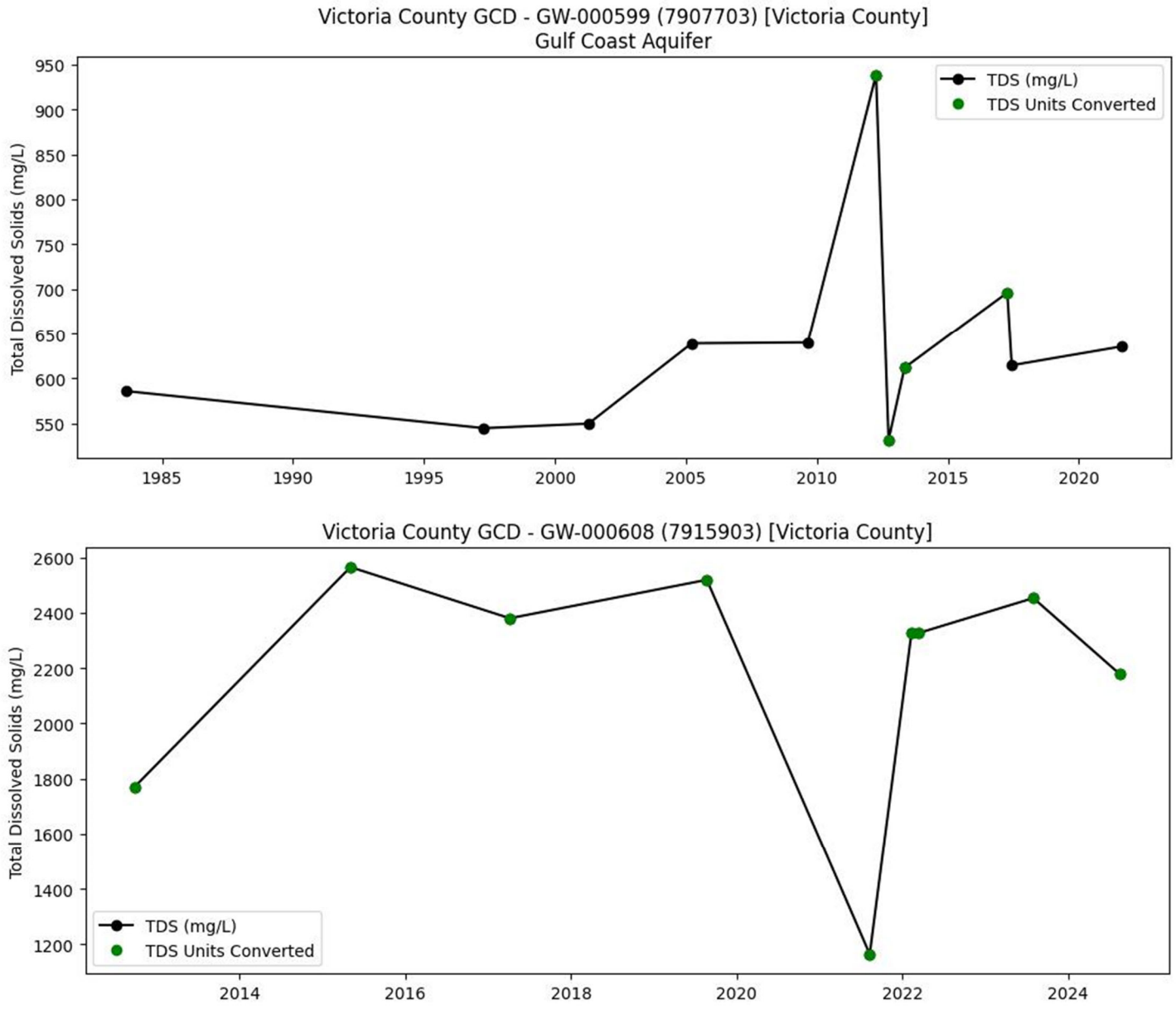


Figure 9

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Example Plots of Water Quality through Time for Victoria County

DBS&A a Geo-Logic Company

12/2/2025 DB25.1087

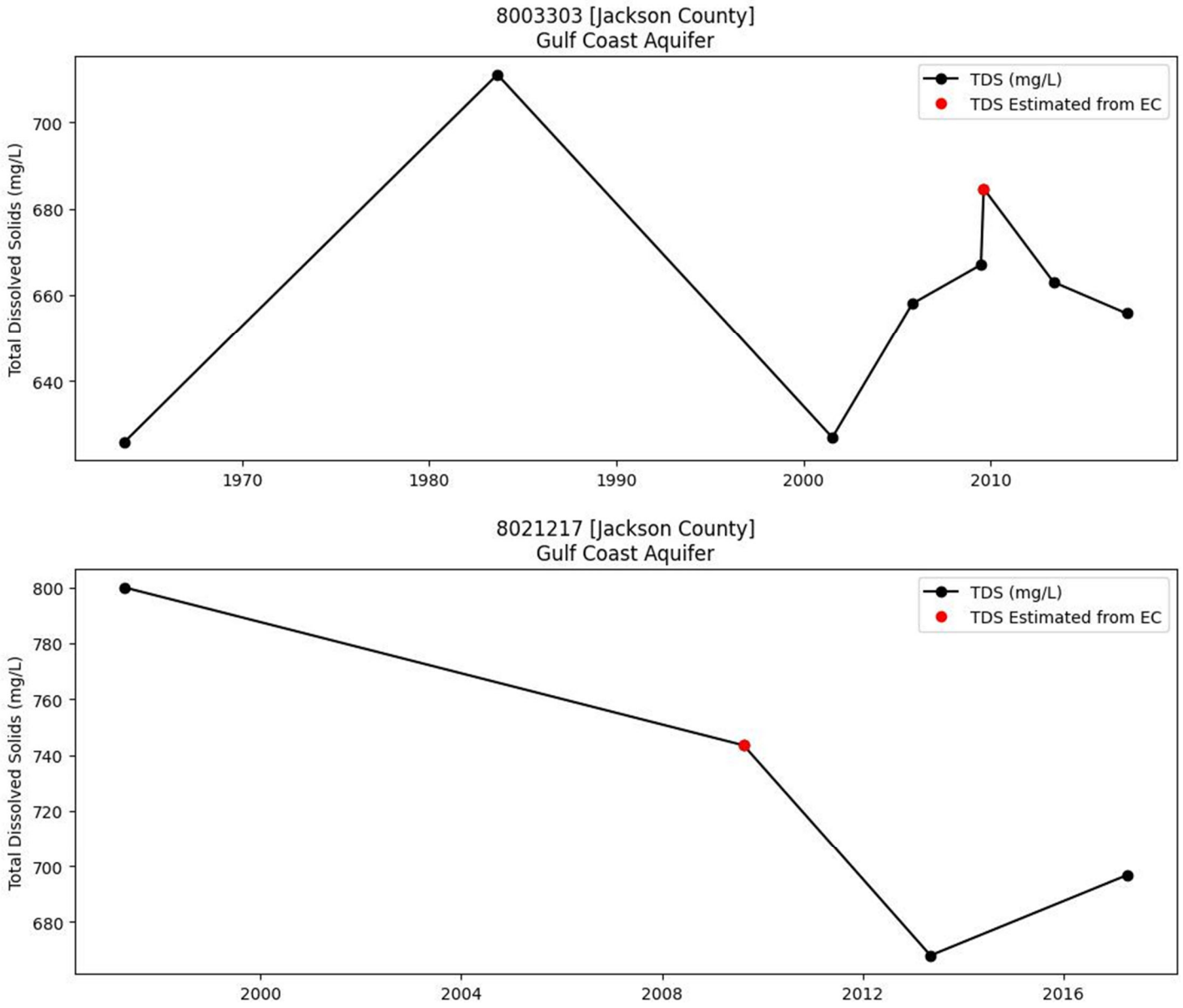


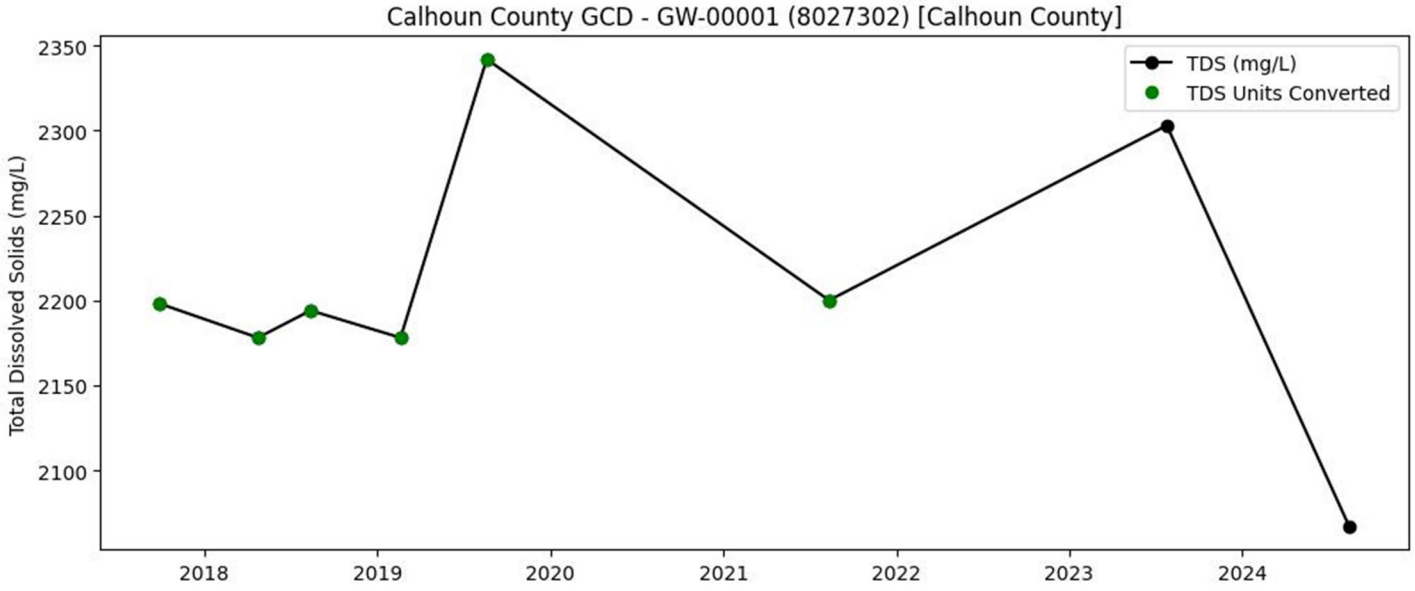
Figure 10

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Example Plots of Water Quality through Time for Jackson County

DBS&A a Geo-Logic Company

12/2/2025 DB25.1087



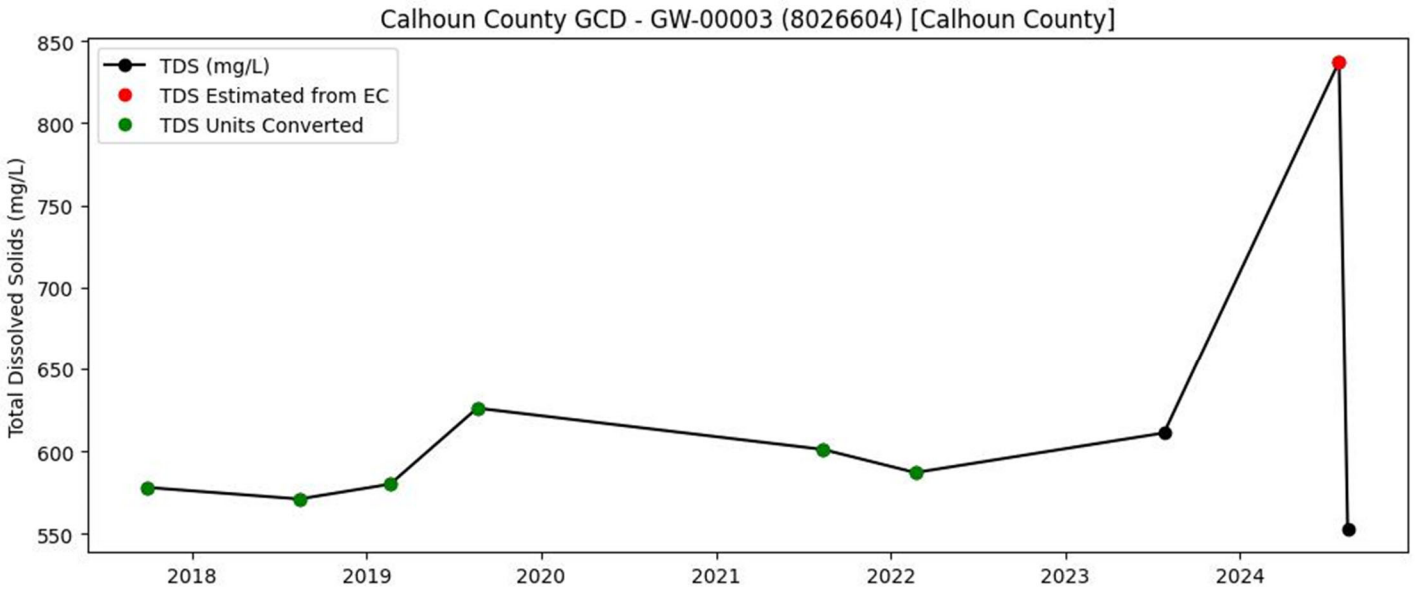


Figure 11

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Example Plots of Water Quality through Time for Calhoun County

DBS&A a Geo-Logic Company

12/2/2025 DB25.1087

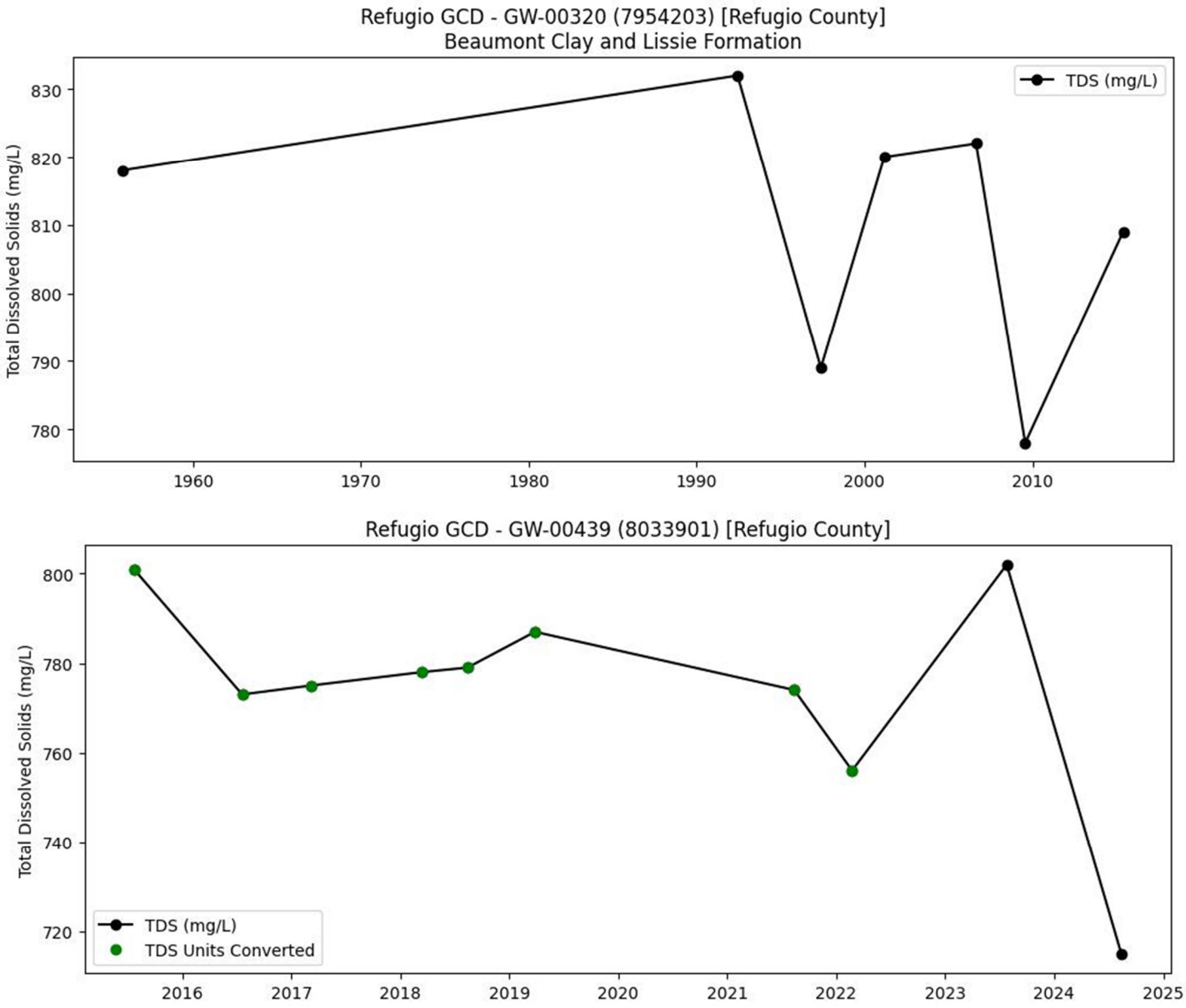


Figure 12

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Example Plots of Water Quality through Time for Refugio County

DBS&A a Geo-Logic Company

12/2/2025 DB25.1087

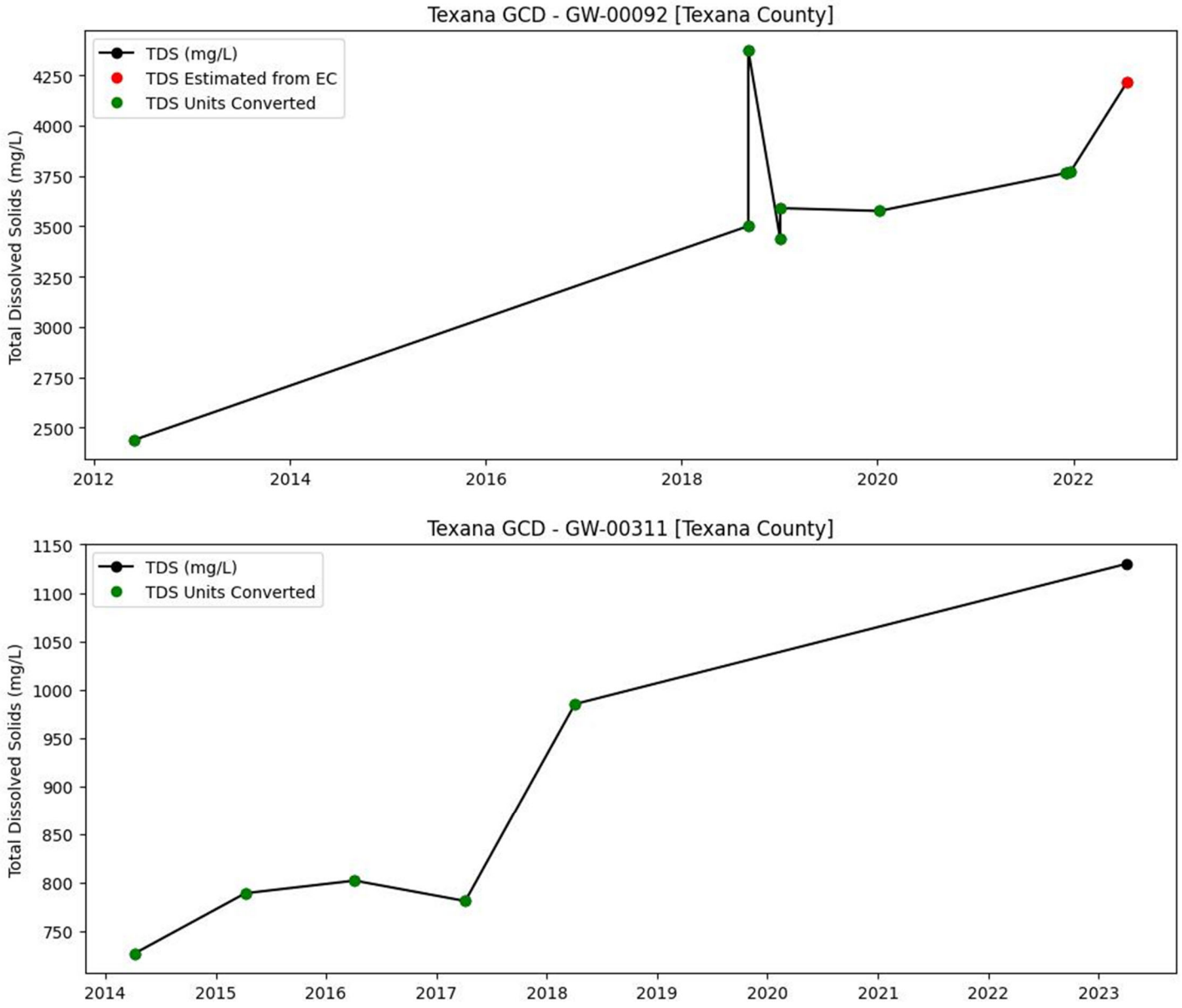


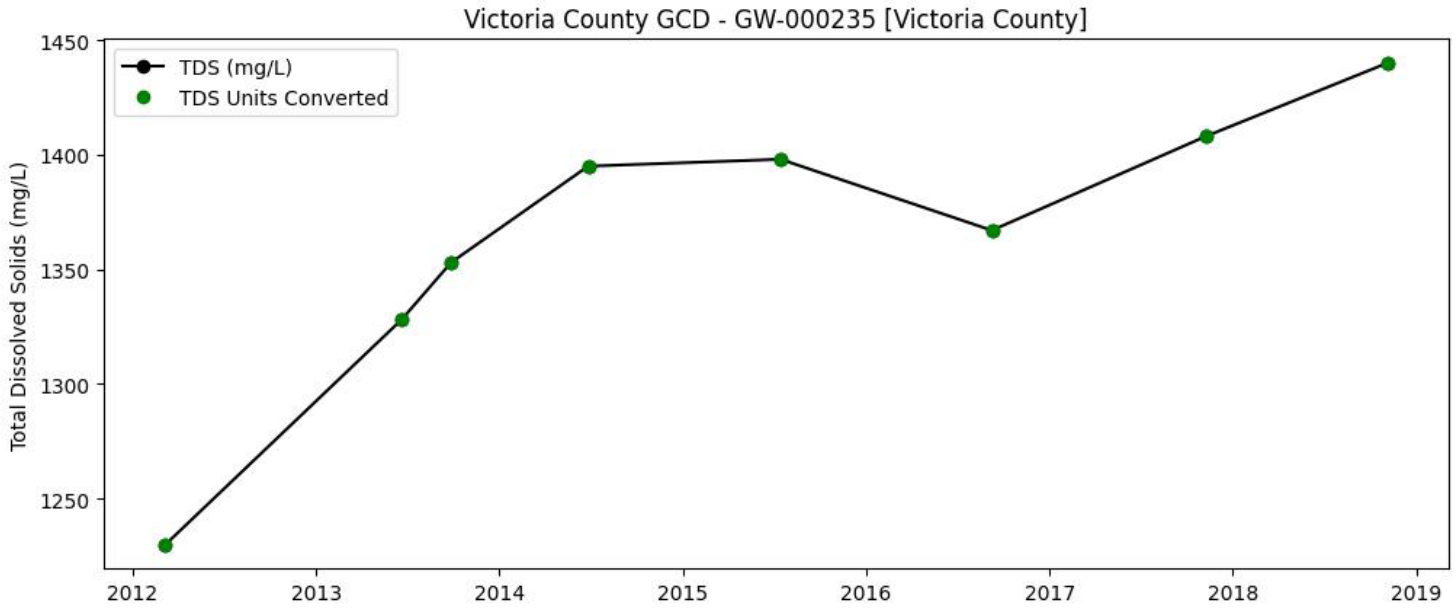
Figure 13

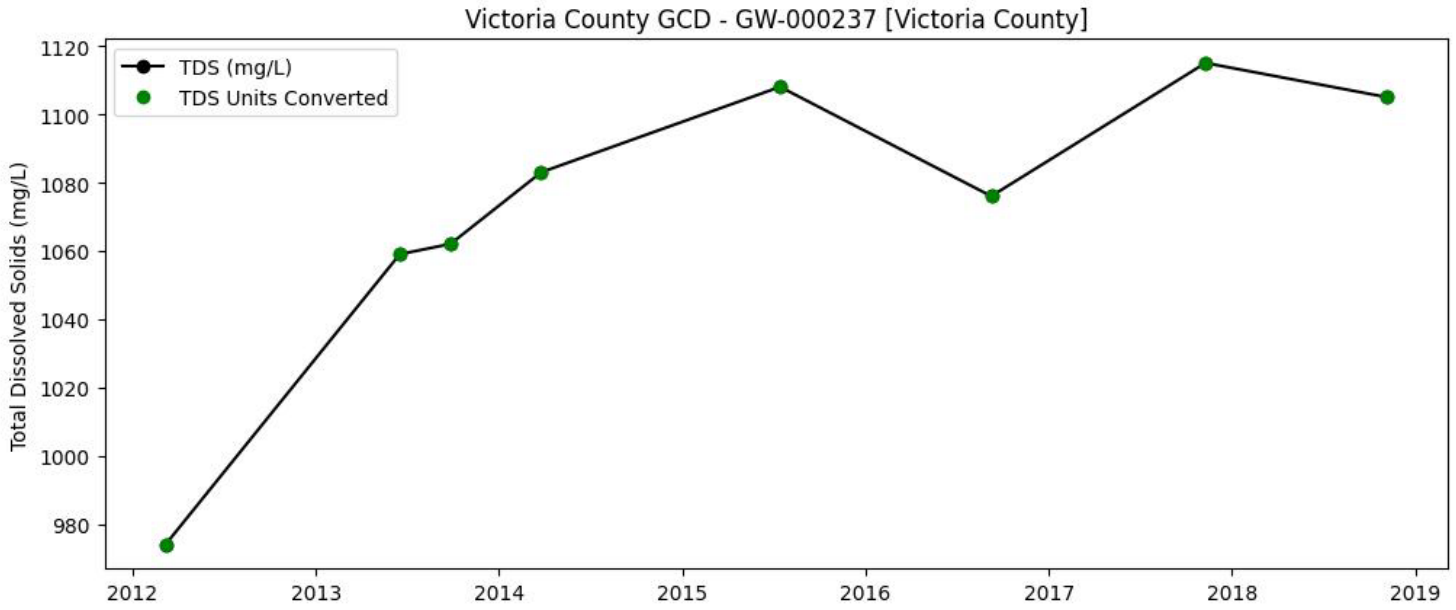
FOUR COUNTY GROUNDWATER QUALITY EVALUATION

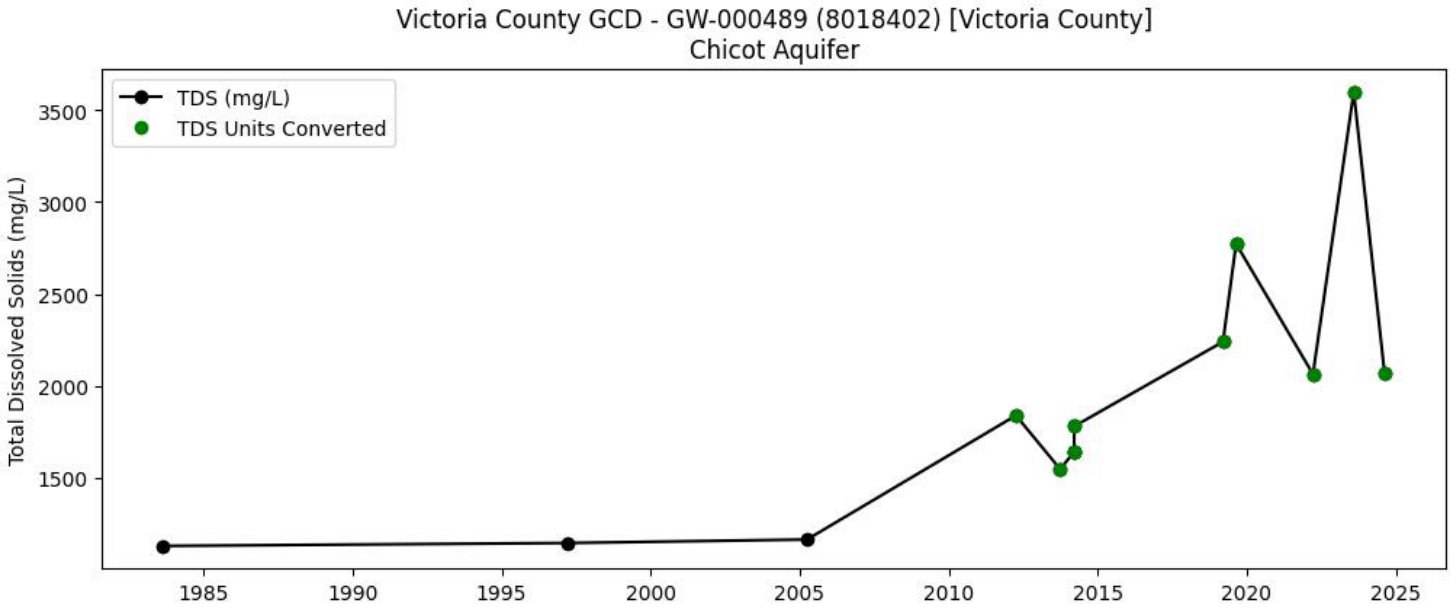
Wells with Worsening Water Quality in Jackson County

DBS&A a Geo-Logic Company

12/2/2025 DB25.1087







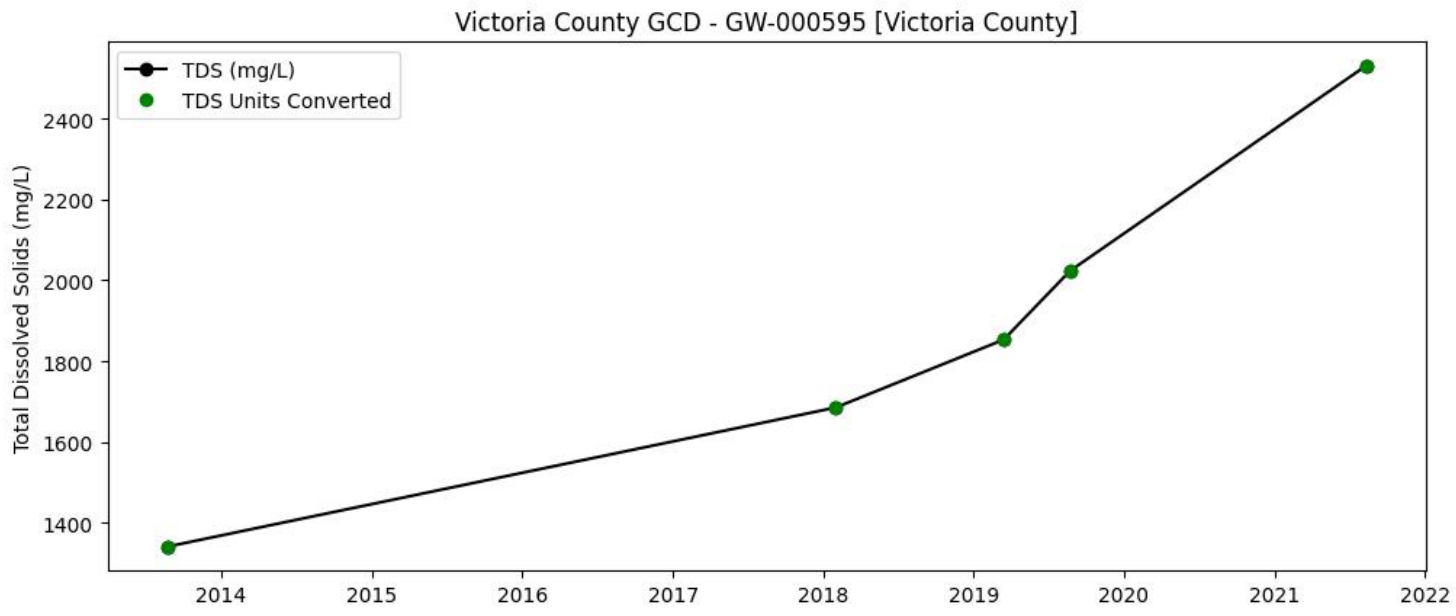


Figure 14

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with Worsening Water Quality in Victoria County

DBS&A a Geo-Logic Company

3/17/2026 DB25.1087#

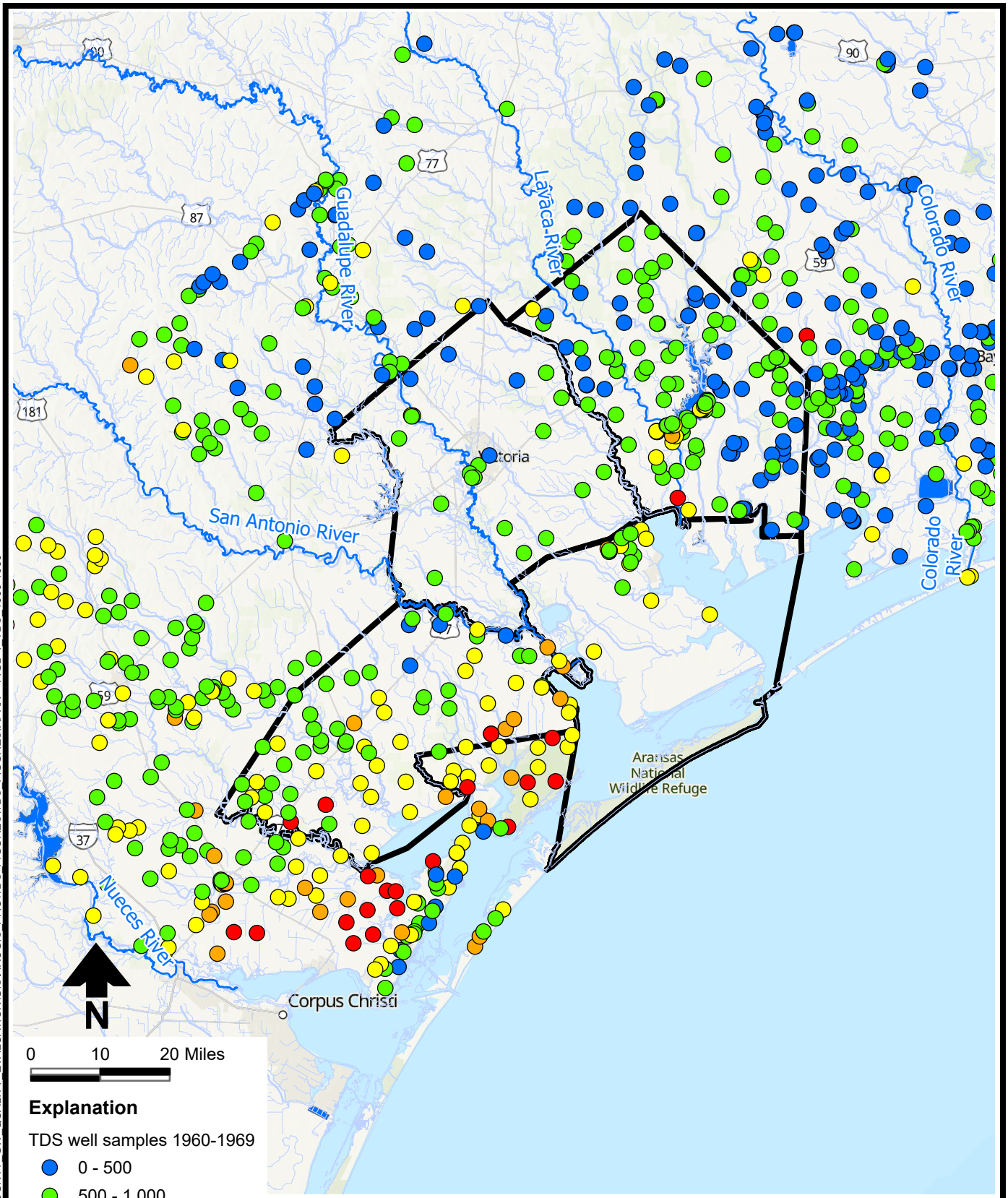
Appendix A

Correlations of SC/EC and TDS

This appendix provided electronically

Appendix B

TDS Data Points by Decade



Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-1 TDS 1960-1969

DBS&A
a Geo-Logic Company

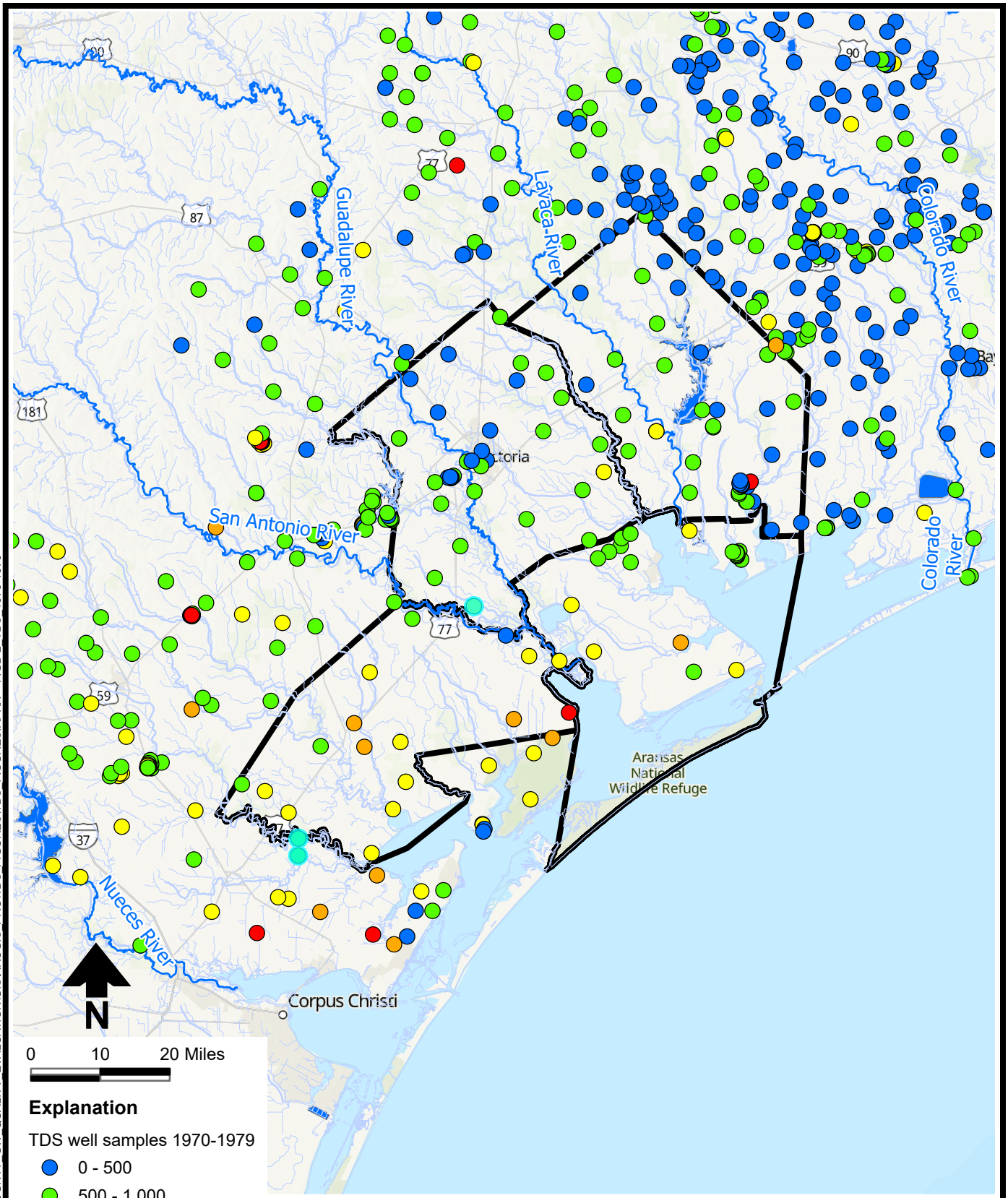
3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with TDS 1960-1969

Figure B-1

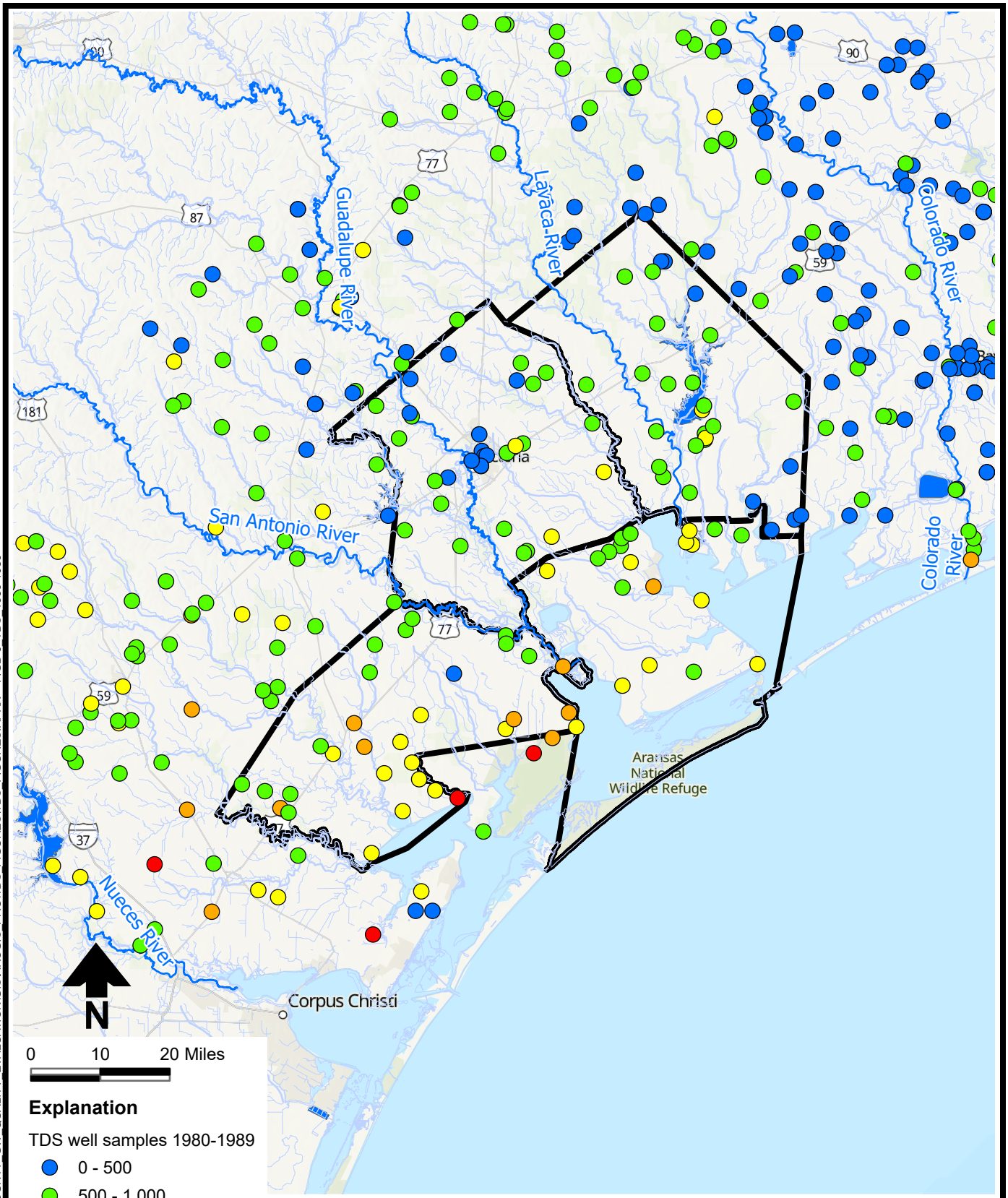


S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-2 TDS 1970-1979

DBS&A
a Geo-Logic Company
3/17/2026
DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION
Wells with TDS 1970-1979

Figure B-2



Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-3 TDS 1980-1989

DBS&A
a Geo-Logic Company

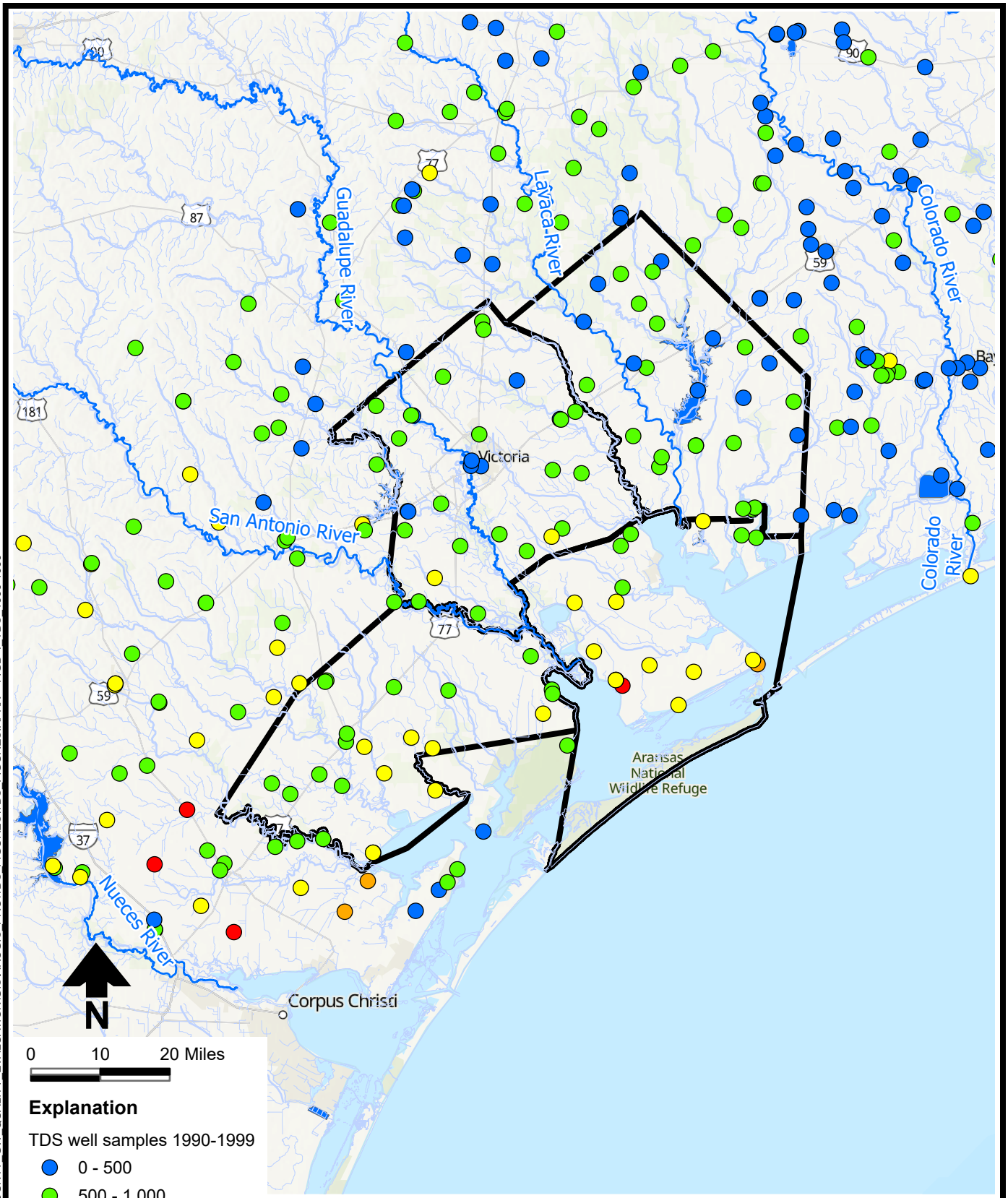
3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with TDS 1980-1989

Figure B-3



Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-4 TDS 1990-1999

DBS&A
a Geo-Logic Company

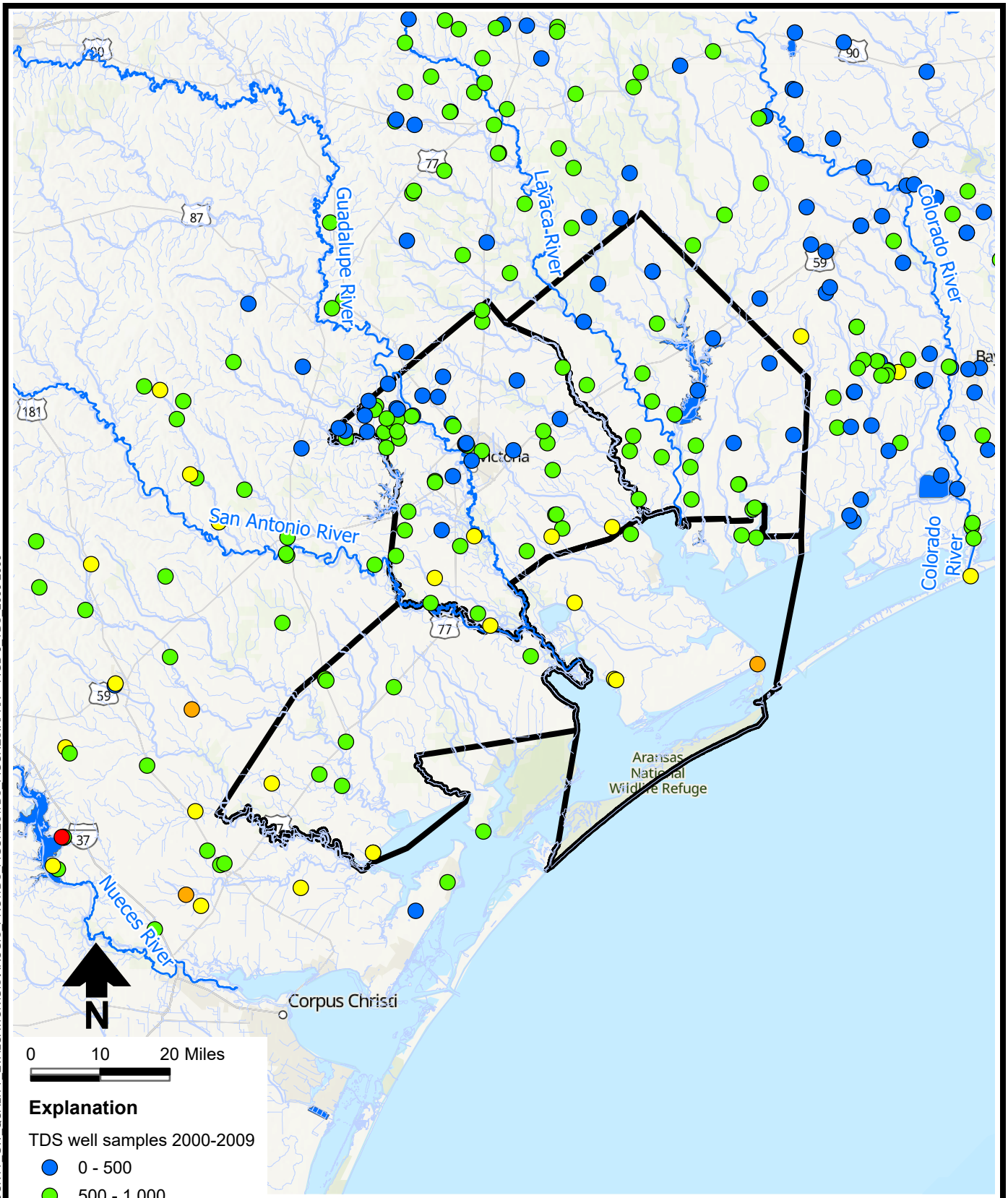
3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with TDS 1990-1999

Figure B-4



Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-5 TDS 2000-2009

DBS&A
a Geo-Logic Company

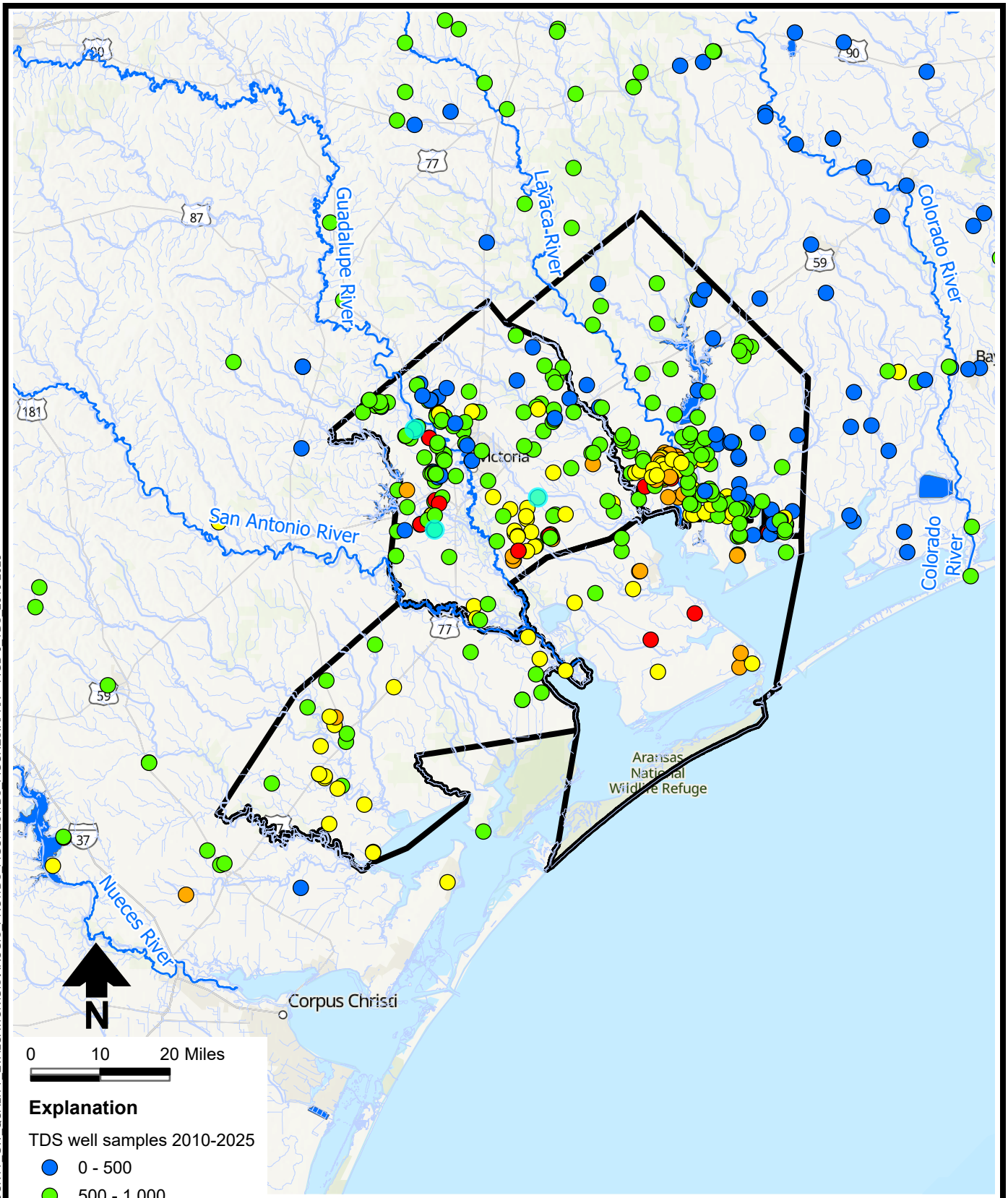
3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with TDS 2000-2009

Figure B-5



Basemap: ESRI et al.

S:\PROJECTS\DB25.1087 FOUR COUNTY GW QUALITY EVALUATION\GIS\ARCGIS PRO\TDS FIGURES\TDS FIGURES.APRX • FIGB-6 TDS 2010-2025

DBS&A
a Geo-Logic Company

3/17/2026

DB25.1087

FOUR COUNTY GROUNDWATER QUALITY EVALUATION

Wells with TDS 2010-2025

Figure B-6

Appendix C

TDS vs. Time at Wells with Three or More Data Points

This appendix provided electronically

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

OUTDOOR TIPS

Plant water-efficient, well-adapted, and/or native shrubs, trees, and grasses. Choose plants that are drought and heat tolerant and can survive the minimum winter temperatures in your area. In odd-shaped areas, use drought-tolerant groundcover instead of grass. Many cities provide lists of water-efficient plants.

Don't abuse the benefits of an automatic sprinkler system by over-watering. Set it to provide thorough but infrequent watering. Check sprinkler heads regularly to make sure they are working properly. Install rain shut-off devices and adjust sprinklers to eliminate coverage on pavement. For plants that need more water, use a hose or watering can to give them additional water.

Prevent evaporation of water. Water lawns early in the morning. Never water on windy days. Use drip irrigation systems for bedded plants, trees, or shrubs and use low-angle sprinklers for lawns. Cover pools and spas. This can save the equivalent of your pool volume each year!

Harvest the rain. Buy a rain barrel or a cistern and collect the water from your gutters to water your plants.

Use your water efficiently. Don't waste water by cleaning patios or sidewalks with it; use a broom.

Taller grass holds moisture better. Don't cut more than one-third of its length at one time. Don't scalp lawns when mowing during hot weather. Leave lawn clippings on the lawn instead of bagging.

Use lots of mulch around your shrubs and trees. It will retain moisture, reduce run-off, moderate soil temperatures, and help with weed control.

Don't over-fertilize! Get a soil kit to determine what nutrients your soil needs. If you apply fertilizer only in the spring and fall, your grass will be healthy, use less water, and require less mowing.

Use a car wash that recycles water. If you are washing your car at home, use a bucket of soapy water and a hose nozzle that shuts off the water while you scrub.

Did you know that as of September 1, 2013, all Texas homeowners can save water with drought-resistant landscaping? Some homeowner associations may require preliminary approval of any major changes to the landscape, but Senate Bill 198 (83rd Texas Legislature) prohibits an association from restricting a property owner's decision to make water-wise landscape choices.

Printed on recycled-content paper

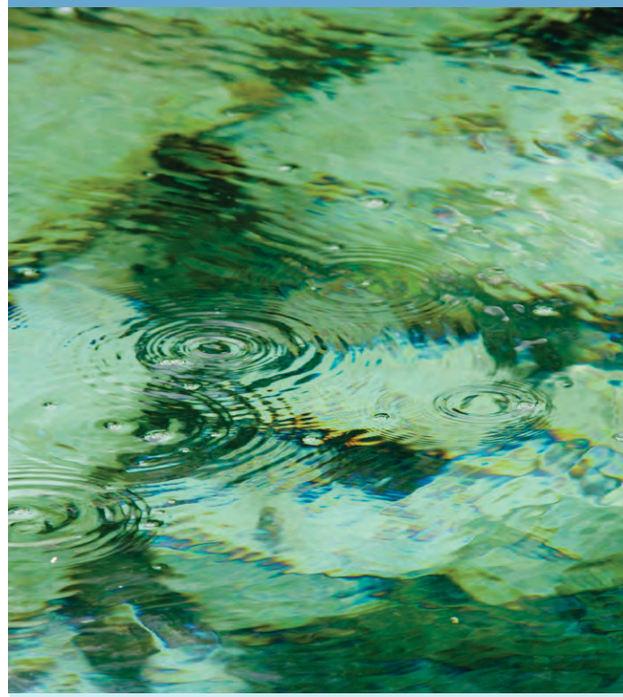
Texas Water Development Board
www.twdb.texas.gov

P.O. Box 13231
Austin, Texas 78711-3231

WATER IQ℠
Know your water.
www.wateriq.org

Visit the following website for additional information.
www.epa.gov/watersense

WATER CONSERVING TIPS



USING WATER MORE EFFICIENTLY

will not only save money but, more importantly, will protect the quality of life of current and future Texans.

With the vastness of Texas, it's easy to forget two important facts about our state: we are subject to frequent droughts and our population is projected to nearly double in the next 50 years.

To ensure that we have enough water for current and future Texans, we need to reduce the amount of water we waste. A few small changes in your water use habits can make a huge difference in water savings.

rev. 05/14

POSSIBLE WATER SAVINGS

- High-efficiency toilets, water-efficient washing machines, rainwater harvesting systems, and water-efficient landscaping can all help reduce household water demands.
- Water-efficient showerheads and aerators for faucets can significantly reduce the amount of water you use. In fact, installing a water-efficient showerhead is one of the most effective water-saving steps you can take inside your house.
- Leaky faucets and toilets can waste thousands of gallons of water monthly, and they are inexpensive to fix.
- Outdoor water use can account for more than 30 percent of total home water use. With proper management, you can have a beautiful, healthy landscape and reduce your water use significantly. This can amount to hundreds of dollars in savings a year in water and wastewater costs.

INDOOR TIPS

Bathroom

- Replace your showerhead with a water-efficient model.
- Get in the shower as soon as the water becomes warm enough.
- Take short showers.
- Reduce the level of water used in a bathtub by half, or better yet, take a short shower.
- Turn off the water while you are shaving. Fill the sink with an inch of hot water instead of letting the water run continuously.
- Replace your old toilet with a high-efficiency toilet that uses 1.3 gallons per flush.
- Check toilets for leaks. Simply take the top off of your toilet tank and add a few drops of food coloring or a dye tablet to the water in the tank. Do not flush the toilet. If the coloring appears in the bowl within a few minutes, the toilet has a leak that most likely can be fixed by replacing the flapper or rubber washer. Cheap fix, huge savings!
- Never use the toilet to dispose of trash.
- Don't waste water when brushing your teeth or washing your hands. Shut off the water until it's time to rinse.
- Look for the WaterSense label when installing or replacing plumbing fixtures. They are tested and certified to perform as well or better than their less efficient counterparts and on average are 20 percent more water efficient.
- The next time you use one of these water-saving tips when you take a shower, wash your hands, brush your teeth, or flush the toilet, congratulate yourself for doing your part to help protect our precious water resources!

Kitchen

- Run the dishwasher only when full. This practice will save water, energy, detergent, and money. If your machine has a quick wash or light duty setting, use it!
- Install faucet aerators. You'll never notice the difference, and you'll cut your sink water consumption in half!
- Dry scrape dishes instead of rinsing. Your dishwasher will take care of the rest.
- Use garbage disposals sparingly. They can waste water unnecessarily.
- Soak pans rather than scrubbing them with the water running.
- Rinse your vegetables in a pan of cold water; it doesn't take gallons of water to get the dirt off.

Laundry room

- Wash only full loads.
- Use the lowest water level setting on the washing machine for light or partial loads whenever possible.
- Use cold water as often as possible to save energy and conserve hot water for uses that cold water cannot serve.
- Conventional washing machines can use up to twice as many gallons of water per load compared to high efficiency machines.

Additional tips

- Don't ignore leaky faucets; they are often easy and inexpensive to repair. Turn off the valve under the sink until you get around to repairing the leak. A slow drip can waste as much as 170 gallons of water each day and will add to your water bill.
- Know where your master water shut-off valve is in case a pipe bursts. Insulate hot water pipes. You won't waste water waiting for it to get hot, and you will save energy.
- Install water-softening systems only when necessary and, if you have one, save water and salt by running the minimum amount of regenerations necessary to maintain water softness.
- Replace water-to-air heat pumps and air conditioners with air-to-air if you are purchasing new units. They are just as efficient and do not waste water.
- Find other uses for water rather than letting it go down the drain. Use a bucket to capture water in the shower or sink while waiting for it to get hot, then use that water on your landscape.

Victoria County Groundwater Conservation District

P.O. Box 69, Victoria, Texas 77902
Phone: (361)579-6863 | Email: admin@vcgcd.org | Website: www.vcgcd.org

April 7, 2026

Victoria County Groundwater Conservation District
P.O. Box 69
Victoria, Texas 77902

RE: Proposed Amended Desired Future Conditions of Groundwater Management Area 15

Victoria County Groundwater Conservation District,

After completing all necessary public notice requirements and a quorum of representatives present, the representatives of Groundwater Management Area 15 (GMA 15) met at the Offices of the Victoria County Groundwater Conservation District on March 12, 2026, at 9:30 AM. During the meeting, the representatives of the member districts considered proposals to amend the Desired Future Conditions (DFC) of relevant aquifers within the management area.

The representatives of the member districts of GMA 15 approved a motion to amend DFC, establish interim DFC values, and approved the plain-language explanations for the proposed changes to the previously adopted DFCs for GMA 15 for distribution to the districts in the management area in accordance with 36.108(d-2) of the Texas Water Code, as follows:

	Identified Interim Values for the Proposed DFCs by Decade					***Proposed DFC*** [Note 1]
	2030	*2040*	*2050*	*2060*	*2070*	*2080*
Bee County	*7 feet of drawdown of the Gulf Coast Aquifer System*	*7 feet of drawdown of the Gulf Coast Aquifer System*	*7 feet of drawdown of the Gulf Coast Aquifer System*	*7 feet of drawdown of the Gulf Coast Aquifer System*	*7 feet of drawdown of the Gulf Coast Aquifer System*	*7 feet of drawdown of the Gulf Coast Aquifer System*
Calhoun County	*5 feet of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*
Colorado County	*17 feet of drawdown of the*	*17 feet of drawdown of the*	*17 feet of drawdown of the*	*17 feet of drawdown of the*	*17 feet of drawdown of the*	*17 feet of drawdown of the*

	Identified Interim Values for the Proposed DFCs by Decade					***Proposed DFC*** [Note 1]
	2030	*2040*	*2050*	*2060*	*2070*	*2080*
	Chicot and Evangeline Aquifers	*Chicot and Evangeline Aquifers*	*Chicot and Evangeline Aquifers*	*Chicot and Evangeline Aquifers*	*Chicot and Evangeline Aquifers*	*Chicot and Evangeline Aquifers*
Colorado County	*25 feet of drawdown of the Jasper Aquifer*	*25 feet of drawdown of the Jasper Aquifer*	*25 feet of drawdown of the Jasper Aquifer*	*25 feet of drawdown of the Jasper Aquifer*	*25 feet of drawdown of the Jasper Aquifer*	*25 feet of drawdown of the Jasper Aquifer*
DeWitt County	*10 feet of drawdown of the Gulf Coast Aquifer System*	*10 feet of drawdown of the Gulf Coast Aquifer System*	*10 feet of drawdown of the Gulf Coast Aquifer System*	*15 feet of drawdown of the Gulf Coast Aquifer System*	*15 feet of drawdown of the Gulf Coast Aquifer System*	*17 feet of drawdown of the Gulf Coast Aquifer System*
Fayette County	*20 ft of drawdown of the Gulf Coast Aquifer System*	*20 ft of drawdown of the Gulf Coast Aquifer System*	*25 ft of drawdown of the Gulf Coast Aquifer System*	*35 ft of drawdown of the Gulf Coast Aquifer System*	*40 ft of drawdown of the Gulf Coast Aquifer System*	*44 feet of drawdown of the Gulf Coast Aquifer System*
Goliad County	*4.875 ft of drawdown of the Chicot Aquifer*	*6.5 ft of drawdown of the Chicot Aquifer*	*8.125 ft of drawdown of the Chicot Aquifer*	*9.75 ft of drawdown of the Chicot Aquifer*	*11.375 ft of drawdown of the Chicot Aquifer*	*13 feet of drawdown of the Chicot Aquifer* [Note 2]
Goliad County	*12.75 ft of drawdown of the*	*17 ft of drawdown of the*	*21.25 ft of drawdown of the*	*25.5 ft of drawdown of the*	*29.75 ft of drawdown of the*	*34 feet of drawdown of the*

Victoria County Groundwater Conservation District

P.O. Box 69, Victoria, Texas 77902

Phone: (361)579-6863 | Email: admin@vcgcd.org | Website: www.vcgcd.org

	Identified Interim Values for the Proposed DFCs by Decade					***Proposed DFC*** [Note 1]
	2030	*2040*	*2050*	*2060*	*2070*	*2080*
	Evangeline Aquifer	*Evangeline Aquifer*	*Evangeline Aquifer*	*Evangeline Aquifer*	*Evangeline Aquifer*	*Evangeline Aquifer* [Note 2]
Goliad County	*7.875 ft of drawdown of the Burkeville Aquifer*	*10.5 ft of drawdown of the Burkeville Aquifer*	*13.125 ft of drawdown of the Burkeville Aquifer*	*15.75 ft of drawdown of the Burkeville Aquifer*	*18.375 ft of drawdown of the Burkeville Aquifer*	*21 feet of drawdown of the Burkeville Aquifer* [Note 2]
Goliad County	*7.875 ft of drawdown of the Jasper Aquifer*	*10.5 ft of drawdown of the Jasper Aquifer*	*13.125 ft of drawdown of the Jasper Aquifer*	*15.75 ft of drawdown of the Jasper Aquifer*	*18.375 ft of drawdown of the Jasper Aquifer*	*21 feet of drawdown of the Jasper Aquifer* [Note 2]
Goliad County	*10.5 feet of drawdown of the Gulf Coast Aquifer*	*14 feet of drawdown of the Gulf Coast Aquifer*	*17.5 feet of drawdown of the Gulf Coast Aquifer*	*21 feet of drawdown of the Gulf Coast Aquifer*	*24.5 feet of drawdown of the Gulf Coast Aquifer*	*28 feet of drawdown of the Gulf Coast Aquifer* [Note 2]
Jackson County	*15 ft of drawdown of the Gulf Coast Aquifer System*	*15 ft of drawdown of the Gulf Coast Aquifer System*	*15 ft of drawdown of the Gulf Coast Aquifer System*	*15 ft of drawdown of the Gulf Coast Aquifer System*	*15 ft of drawdown of the Gulf Coast Aquifer System*	*15 feet of drawdown of the Gulf Coast Aquifer System*
Karnes County	*22 feet of drawdown of the Gulf Coast*	*22 feet of drawdown of the Gulf Coast*	*22 feet of drawdown of the Gulf Coast*	*22 feet of drawdown of the Gulf Coast*	*22 feet of drawdown of the Gulf Coast*	*22 feet of drawdown of the Gulf Coast*

Victoria County Groundwater Conservation District

P.O. Box 69, Victoria, Texas 77902

Phone: (361)579-6863 | Email: admin@vcgcd.org | Website: www.vcgcd.org

	Identified Interim Values for the Proposed DFCs by Decade					***Proposed DFC*** [Note 1]
	2030	*2040*	*2050*	*2060*	*2070*	*2080*
	Aquifer System	*Aquifer System*	*Aquifer System*	*Aquifer System*	*Aquifer System*	*Aquifer System*
Matagorda County	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers* [Note 3]
Refugio County	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*
Victoria County	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 ft of drawdown of the Gulf Coast Aquifer System*	*5 feet of drawdown of the Gulf Coast Aquifer System*
Wharton County	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*	*15 feet of drawdown of the Chicot and Evangeline Aquifers*

Note 1: The basis and explanation for proposing the amended desired future conditions is portions of Groundwater Management Area 15 are not located within a district boundary charged with the

responsibility to regulate groundwater resources. The lack of regulatory authority regarding the spacing of wells and production of groundwater resources in these areas results in the complete inability by a member district of Groundwater Management Area 15 to, individually or collectively, actively manage groundwater resources to achieve any desired future condition encompassing those unregulated areas. Therefore, this proposal for an amended desired future condition eliminates the County-Specific DFCs" for those unregulated areas, Aransas County and Lavaca County, and eliminates the "GMA-Wide DFC Statement" which applies to those unregulated areas.

Note 2: The basis and explanation for proposing the amended desired future conditions is restatement of the conditions for the Chicot, Evangeline, Burkeville, and Jasper Aquifers as future drawdowns of 13, 34, 21, 21 feet, and 28 feet of drawdown collectively in the Gulf Coast Aquifer System, respectively, represents a realistic and achievable management goal that more closely aligns with the goals established through GMA 15 for adjacent districts.

Note 3: The basis and explanation for proposing the amended desired future conditions is increasing the acceptable of groundwater drawdown of the Chicot and Evangeline Aquifers across Matagorda County from 11 feet of drawdown to 15 feet of drawdown may increase the amount of groundwater that could be produced in Matagorda County to meet future water needs while adequately conserving groundwater resources within Matagorda County and Groundwater Management Area 15.

The motion was approved unanimously by the following record vote:

- Lonnie Stewart, Bee Groundwater Conservation District - Aye
- Tim Andruss, Calhoun County Groundwater Conservation District - Aye
- Neil Hudgins, Coastal Bend Groundwater Conservation District - Aye
- Neil Hudgins - Coastal Plains Groundwater Conservation District - Aye
- Ed Griffin, Evergreen Underground Water Conservation District - Aye
- David Van Dresar, Fayette County Groundwater Conservation District - Aye
- Terrell Graham, Goliad County Groundwater Conservation District - Aye
- Cindy Parma, Pecan Valley Groundwater Conservation District - Aye
- Tim Andruss, Refugio Groundwater Conservation District - Aye
- Tim Andruss, Texana Groundwater Conservation District - Aye
- Tim Andruss, Victoria County Groundwater Conservation District - Aye

Representatives of Colorado County Groundwater Conservation District and Corpus Christi Aquifer Storage and Recovery Conservation District were not present.

A copy of the draft explanatory report can be accessed at https://www.vcgcd.org/gma-15-desired-future-conditions-4th-cycle.

If you have any questions regarding this matter, please contact me at your earliest convenience.

Regards,

Tim Andruss
Chair of Groundwater Management Area 15

Victoria County Groundwater Conservation District
Meeting Minutes for January 16, 2026

THE STATE OF TEXAS
VICTORIA COUNTY

Item 1 - Convene Meeting

Mr. Andruss explained that staff completed the necessary public notification requirements for the meeting.

Board Action: Mr. Meek called the meeting to order at 9:04 AM and call the roll of representatives:

Precinct 1: Mr. Jerry Hroch, Vice President: Present.
Precinct 2: Mr. Thurman Clements, Jr., Director: Present.
Precinct 3: Mrs. Barbara Dietzel, Secretary: Absent.
Precinct 4: Mr. Mark Meek, President: Present.
At Large: Mr. Kenneth Eller, Director: Present.
General Manager: Tim Andruss: Present.
General Counsel: Jim Allison: Present.

Item 2 - Receive Public Comment

No public comment was given at this time.

Item 3 - Groundwater Management (Permitting)

Topic 3.1 - Report

Mr. Andruss provided the following information:

Regarding Well Registration Processing

As of January 12, 2026, staff had received 11 well registration applications (ARWs) since October 1, 2025.

As of January 12, 2026, staff had received 29 Notices of Intent to Drill a Well (NIDWs) since October 1, 2025.

Regarding Production Permit Renewal Processing

As of January 12, 2026, staff had received 0 production permit renewal requests (ARPs) since October 1, 2025.

Regarding Permit Processing

As of January 12, 2026, staff had initiated 4 permitting request case (PRCs) since October 1, 2025.

As of January 12, 2026, staff had 4 permitting request cases pending.

1. Permitting Request Case - PRC-20231003-02 - ANHUPPW-20230926-01 - Kevin Broll - Pending/Uncontested - Mr. Kevin Broll seeks, under permitting request case PRC-20231003-02, a standard-capacity non-historic-use production permit authorizing the production of groundwater from a non-grandfathered well for commercial uses at rates not to exceed 10 gallons per minute or 1.30 acre-feet per year. The subject well is located on a 2.76-acre tract of land near the intersection of U.S. Hwy 87 and Villafranca Road in Victoria County, Texas.
2. Permitting Request Case - PRC-20251118-01 - ANHUPPW-20251118-01 - LTJ Investments LLC - Pending/Uncontested - Mr. James Zafereo for LTJ Investments LLC seeks, under permitting request case PRC-20251118-01, a standard-capacity non-historic-use production permit authorizing the production of groundwater from a non-grandfathered well for Poultry Farm and Commercial uses at rates not to exceed 25 gallons per minute or 5 acre-feet per year. The subject well is located on a 285.85-acre tract of land near the intersection of Levi Sloan Road and Dixie Lane in Victoria County, Texas.
3. Permitting Request Case - PRC-20251118-02 - ANHUPPW-20251118-02 - LTJ Investments LLC - Pending/Uncontested - Mr. James Zafereo for LTJ Investments LLC seeks, under permitting request case PRC-20251118-02, a standard-capacity non-historic-use production permit authorizing the production of groundwater from a non-grandfathered well for Poultry Farm and Commercial uses at rates not to exceed 25 gallons per minute or 5 acre-feet per year. The subject well is located on a 285.85-acre tract of land near the intersection of Levi Sloan Road and Dixie Lane in Victoria County, Texas.
4. Permitting Request Case - PRC-20251118-03 - ANHUPPW-20251118-03 - LTJ Investments LLC - Pending/Uncontested - Mr. James Zafereo for LTJ Investments LLC seeks, under permitting request case PRC-20251118-03, a standard-capacity non-historic-use production permit authorizing the production of groundwater from a non-grandfathered well for Poultry Farm and Commercial uses at rates not to exceed 25 gallons per minute or 5 acre-feet per year. The subject well is located on a 285.85-acre tract of land near the intersection of Levi Sloan Road and Dixie Lane in Victoria County, Texas.

5. Permitting Request Case - PRC-20260113-02 - ADSPP-20251218-01 - VCPFC - Pending/Uncontested - Mr. Sean Stibich for Port of Victoria, Victoria County Port Facilities Corporation, and Victoria County Navigation District seeks, under permitting request case PRC-20260113-02, a permit authorizing the production of slightly saline groundwater for industrial uses at rates not to exceed 1,240 gallons per minute or 2,000 acre-feet per year from a deep saline well screened in the Goliad Saline Groundwater Zone at depths exceeding 1,300 feet below the surface. The proposed well will be located on a 2,723.06-acre tract of land near the intersection of State Highway 185 and McCoy Road in Victoria County, Texas.

As of January 12, 2026, staff had 248 active or approved production permits recorded in the permitting database with a combined amount of authorized groundwater production per year of 115,273 acre-feet.

Regarding Groundwater Production Report Processing

As of January 12, 2026, staff had processed 9 groundwater production reports for the preceding calendar year since October 1, 2025.

As of January 12, 2026, staff had recorded groundwater production reports for 9 water wells reporting 3,066 acre-feet of groundwater production during CY2025. (TWDB estimated the volume of groundwater produced for rural domestic, livestock, mining, and rig supply exempt uses in Victoria County in Year 2020 was 1,920 acre-feet. See: TWDB - Projected Exempt Groundwater Use Estimates.).

Regarding Manage Investigations related to Permitting Violations

As of January 12, 2026, staff had initiated 1 investigations related to groundwater management (i.e., permitting) since October 1, 2025.

As of January 12, 2026, staff had 1 active investigations related to groundwater management (i.e., permitting).

1. Investigation - INV- 20251006-01 - Unpermitted Non-Exempt-Use - Active

Regarding Manage Enforcement Cases related to Permitting Violations

As of January 12, 2026, the Board had initiated 0 enforcement case violations related to groundwater management (i.e., permitting) since October 1, 2025.

As of January 12, 2026, staff had 2 unresolved enforcement cases related to groundwater management (i.e., permitting).

1. Enforcement Case Violation - ECV-20250425-06 - KAM Enterprises LTD. - Failure to Report Groundwater Production CY2024 For Well(s) - Active
2. Enforcement Case Violation - ECV-20250425-10 - Blake Truax and Merri Truax - Failure to Report Groundwater Production CY2024 For Well(s) - Active

Regarding Permit Report Processing

As of January 14, 2026, staff had processed 0 permit reports to permittees since October 1, 2025.

As of January 13, 2026, staff had 0 permit report outstanding.

Topic 3.2 - Failures to Report Groundwater Production for CY2024 - ECV-20250425-06 - KAM Enterprises LTD.

Mr. Andruss explained on October 10, 2025, the Board of Directors took the following actions related to the violation. passed a motion to open and record the enforcement hearing; received testimony from Mr. Andruss regarding the alleged violation; passed a motion to cease the recording of the enforcement hearing after accepting public comments; and passed a motion to adopt Enforcement Order EO-20250425-06.

As of January 12, 2025, the district has not received a response regarding Enforcement Order EO-20250425-06 from KAM Enterprises LTD.

Board Action: Mr. Clements moved to instruct and authorize legal counsel to file a civil suit in connection with Enforcement Order EO-20250425-06. Mr. Hroch seconded the motion. The motion passed unanimously.

Topic 3.3 - Failures to Report Groundwater Production for CY2024 - ECV-20250425-10 - Blake Truax and Merri Truax

Mr. Andruss explained on October 10, 2025, the Board of Directors took the following actions related to the violation. passed a motion to open and record the enforcement hearing; received testimony from Mr. Andruss regarding the alleged violation; passed a motion to cease the recording of the enforcement hearing after accepting public comments; and passed a motion to adopt Enforcement Order EO-20250425-10.

As of January 12, 2025, the district has not received a response regarding Enforcement Order EO-20250425-10 from Blake Truax and Merri Truax.

Board Action: Mr. Clements moved to instruct and authorize legal counsel to file a civil suit in connection with Enforcement Order EO-20250425-10. Mr. Hroch seconded the motion. The motion passed unanimously.

Topic 3.4 - Investigation INV-20251006-01 re Unpermitted Non-Exempt-Use

Mr. Andruss explained on October 31, 2025, that staff identified 33 locations within Victoria County without any previously issued production permits that may rely on groundwater production to support non-residential or non-agricultural activities at the site. A courtesy notice will be developed and sent to each property owner as recorded in the Victoria Central Appraisal District online records by April 1, 2026.

On January 14, 2026, management identified 65 locations within Victoria County associated with expired production permits for existing water wells and no overlapping active production permit to support the notification of landowner of the potential violation of the Rules of the District if groundwater production for non-exempt-use

purposes. A courtesy notice will be developed and sent to each property owner as recorded in the Victoria Central Appraisal District online records by April 1, 2026.

Board Action: None.

Item 4 - Groundwater Protection

Topic 4.1 - Report

Mr. Andruss provided the following information:

Regarding Well Inspections

As of January 12, 2026, staff had recorded 0 well inspection forms (WIFs) since October 1, 2025.

Regarding Manage Investigations related to Groundwater Protection

As of January 12, 2026, staff had initiated 0 investigations related to Groundwater Protection since October 1, 2025.

As of January 12, 2026, staff had 1 active investigations related to Groundwater Protection.

1. Investigation - INV-20250507.1331 - Potential Contamination of Groundwater Near Serene Drive - Active

Regarding Manage Enforcement Cases related to Groundwater Protection

As of January 12, 2026, the Board had initiated 0 enforcement case violations related to Groundwater Protection since October 1, 2025.

As of January 12, 2026, staff had 0 unresolved enforcement case violations related to Groundwater Protection.

Regarding Well Plugging Sponsorship

As of January 14, 2026, staff had not received any requests for assistance with well plugging since October 1, 2025.

Regarding Serene Drive Water Quality Investigation

As of January 14, 2026, staff has provided all relevant information possessed by the District to WSP for review and processing.

Item 5 - Groundwater Monitoring

Topic 5.1 - Report

Mr. Andruss provided the following information:

Regarding Drought Condition Monitoring

As of January 14, 2026, the U.S. Drought Monitor (https://www.drought.gov/states/texas/county/victoria) indicates that 100% of Victoria County was experiencing drought conditions.

As of January 14, 2026, 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 0.55% of Victoria County

was experiencing moderate drought conditions and 58.55% of Victoria County are experiencing abnormally dry conditions.

Regarding Water Level Monitoring

As of January 14, 2026, staff had collected 3 water level measurements since October 1, 2025.

Regarding Water Quality Aquifer Monitoring

On December 6, 2025, Neil Blandford of Daniel B. Stephens and Associates (DBSA) submitted a draft report regarding the general groundwater quality within Victoria, Jackson, Calhoun, and Refugio Counties. Suggested revisions and requests were submitted to DBSA.

Regarding Advanced Aquifer Monitoring

Regarding Water Level Assessment

On January 13, 2026, Dr. Young of Intera submitted a proposal the TGCD, VCGCD, CCGCD, and RGCD for the assessment of calendar year 2024 water levels using geostatistical techniques with a fixed cost of $19,000, or $4,750 per district.

On January 14, 2026, Dr. Young of Intera submitted, at managements request, proposal the TGCD, VCGCD, CCGCD, and RGCD for the assessment of calendar years 2024 and 2025 water levels using geostatistical techniques with a fixed cost of $24,000, or $6,000 per district.

Regarding Subsidence Assessment

Regarding Monitoring Effort Assessment and Improvement

Topic 5.2 - Monitoring Instruments

Mr. Andruss explained that the District had previously deployed continuous aquifer monitoring instruments as three site within Victoria County. Of those sites, two are participating in the Wellntel Pilot Project and have Wellntel continuous aquifer monitoring and telemetry units installed. The remaining site located in southern Victoria County is no longer monitored to the failure of the monitoring instruments. Each continuous aquifer monitoring site requires the deployment of a barometric pressure logger and a water level and conductivity logger. Staff estimates that each barometric pressure logger replaced will cost $400.00, and each water level and conductivity logger will cost $2,000.00.

Staff rely use a field data collection instrument, commonly referred to as the multimeter, to measure water quality conditions a well sites. The current multimeter was purchased in 2016 at a cost of $6,410.00 and is no longer in warranty. The replacement unit will cost $10,700.00.

Board Action: Mr. Clements moved to 1) authorize the General Manager to purchase 2 barometric pressure loggers and 2 water level and conductivity loggers at a cost not to exceed $4,500.00, and 2) authorize the General Manager to purchase a replacement

multimeter at a cost not to exceed $10,700.00. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 5.3 - Water Level Assessment

Mr. Andruss explained on January 14, 2026, Dr. Young of Intera submitted, at managements request, proposal the TGCD, VCGCD, CCGCD, and RGCD for the assessment of calendar years 2024 and 2025 water levels using geostatistical techniques with a fixed cost of $24,000, or $6,000 per district.

Board Action: Mr. Clements moved to approve the proposal and share the cost of the project with TGCD, CCGCD, and RGCD in an amount not to exceed $6,000.00. Mr. Eller seconded the motion. The motion passed unanimously.

Item 6 - Groundwater Conservation

Topic 6.1 - Report

Mr. Andruss provided the following information:

Regarding Promote Conservation

Item 7 - Groundwater Resource Planning

Topic 7.1 - Report

Mr. Andruss provided the following information:

Regarding Regional Water Planning Participation

The South Central Texas Regional Water Planning Group (Region L) will meet on February 5, 2026 at 9:30 AM. See: https://www.regionltexas.org/.

Regarding GMA 15 Joint Planning for 4th Planning Cycle

The representatives of Groundwater Management Area 15 met on January 8, 2026, 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. See: https://www.vcgcd.org/groundwater-management-area-15.

The representatives have completed most of the tasks and activities to complete the process of proposing a desired future condition for Groundwater Management Area 15. The representatives approved numerous proposals to amend the adopted desired future condition for Groundwater Management Area 15. Those proposals included eliminating the GMA-Wide DFC and changes to the County-Specific DFCs for Goliad and Matagorda Counties.

The next meeting of GMA 15 is scheduled for April 9, 2026. A special meeting is anticipated for March 12, 2026.

On December 9, 2025, the District was notified of petitions of inquiry filed with TCEQ seeking an a review of the activities of Corpus Christi Aquifer Storage and Recovery Conservation District (CCASRCD). CCASRCD is a member district of Groundwater

Management Area 15. Staff and legal counsel are monitoring the developments in the case.

Item 8 - Groundwater Policy

Topic 8.1 - Report

Mr. Andruss provided the following information:

Regarding Management Plan Revisions

Regarding Rule Amendments

Regarding Legislative Support and Lobbying

Topic 8.2 - Management Recommended Rule Revisions

Mr. Andruss explained that previously, the Board authorized the drafting of proposed rule changes and publication of rulemaking notices for this meeting. Management had anticipated the completion of the brackish groundwater characterization project to support the proposal of designated deep saline production zones for the cooperating districts. The project is not complete which has contributed to the postponement of drafting proposed rule revisions. Staff anticipates the completion of the project in February 2026.

Board Action: Mr. Clements moved to authorize the general manager and legal counsel to a draft set of proposed rules as well as publish and post all required notices to conduct a rulemaking hearing during the meeting scheduled on April 10, 2026. Mr. Eller seconded the motion. The motion passed unanimously.

Item 9 - Administration and Management

Topic 9.1 - Report

Mr. Andruss provided the following information:

Regarding General Administration

For the past couple of weeks, staff have been addressing a significant issue regarding the records and work management system, Evernote Teams, used by VCGCD and the other cooperating districts. Evernote provided CCGCD one billing cycle to either convert its Evernote Teams account to a new software tier referred to Evernote Enterprise or discontinue its use of the system. The price structure of Evernote Enterprise is not based on the number users as is Evernote Teams. Rather, Evernote Enterprise pricing is based on usage. Given CCGCD's long and extensive use of Evernote to manage workflows and the resulting records of the district, the annualized costs for CCGCD's subscription to Evernote would have jumped from $2,500 to $9,600.

Presently, the District pays a $2,400 annual fee for its Evernote Teams (Evernote Advanced) subscription from January 2026 to January 2027. Evernote has not scheduled the District's Evernote subscription for conversion to Evernote Enterprise. Therefore, a precise cost associated with the future conversion is unknown.

Based on CCGCD's Evernote usage as compared to the Evernote usage of VGCD, RGCD, and TGCD, management anticipated the combined cost of multiple subscriptions would approach $48,000 for CY2026. In response to the deadline to take action regarding CCGCD's Evernote subscription and the substantial cost increases anticipated for the other cooperating district, management immediately investigated alternatives.

Only two viable options were identified: 1) consolidation of all archive and work management content of the cooperating district into a single Evernote Enterprise subscription or 2) migration of archive content to the Joplin and Joplin Cloud system and the consolidation of all work management content within a single Evernote Enterprise solution.

Based on the outcomes of staff's efforts evaluate and implement the options, the only feasible option was to migration of archive content to the Joplin and Joplin Cloud system at €6.69/user/month (with 3 users, the cost currently converts to $240.40 per year per district) and the consolidation of all work management content within a single Evernote Teams subscription.

Staff have completed the consolidation of work management tasks under VCGCD's Evernote Teams (Evernote Advanced) subscription and anticipate completing the archive migration process in January 2026.

Management anticipates the technology costs associated with work management and records management will be less than the costs anticipated prior to the change in Evernote's subscription costs.

Regarding Director Compensation Processing

As of January 13, 2026, staff have process 2 fees of office payments during FY2026:

1. ACCTP-20251010-15 - $250.00 - Kenneth Eller - Director Fee
2. ACCTP-20251010-16 - $250.00 - Jerry Hroch - Director Fee

Regarding Financial Audit

Staffs efforts to address the Evernote System issues delayed the authorization for Goldman, Hunt, and Notz (GHN) to initiate the audit for FYE20250930. On January 12, 2026, management authorized GHN to proceed with the audit of the District.

Regarding Technology

In the near future, the District will be required to ensure all content on the website of the District is ADA-compliant. Given the number of records published to the website of the District and the effort and cost required to make and maintain ADA-compliant files on the website, staff will immediately undertake a project unpublish and remove all records from the website whose publication is not required. Presently, the District has 383 files that are considered "Not Accessible" as an ADA-compliant record on the website of the district.

In November 2025, management received an special discount offer from Justin Erickson, Special District Manager for Streamline (website hosting service for the District), offering a subscription service to automate the process of providing ADA-compliant records to users of the websites of the District, VCGCD, CCGCD, and RGCD at a monthly cost of $200 per district. Costs associated with a one-time revision of files is offered as a per page services estimated at a cost of $7 per page.

Regarding Public Notice and Meeting Coordination

The next meeting of the Board is scheduled for April 10, 2026 to convene at 9:00 AM. Special meeting may be scheduled to address unforeseen issues.

Board Action: Mr. Clements moved to authorize the General Manager to take the necessary actions to ensure the website of the District is ADA compliant, including subscribing to a cost-effective service address compliance of online content. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.2 - Minutes of Previous Meeting

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

Board Action: Mr. Clements moved to accept and approve the meeting minutes for October 10, 2025. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.3 - Investments of the District

Mr. Andruss explained as of November 30,2025, the combined balance of all funds, on a cash-basis, totaled $5,370,636.66.

Board Action: Mr. Clements moved to accept the investment reports for September, October and November 2025, Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.4 - Financial Transaction Review

Mr. Andruss explained as of January 14, 2026, since October 1, 2025, there have been 74 accounts payable transactions and 36 accounts receivable transactions recorded.

Topic 9.5 - Financial Reports of the District

Mr. Andruss explained that staff have revised the structure of the internal financial transaction tracking database to support the use of project and encumbrances for tracking transactions and budget performances.

The internal control review and internal financial reports for August, September, October and November 2025, have been compiled by Caitlynn Davenport, Administrative Coordinator, and forwarded to the directors prior to the meeting.

Board Action: Mr. Clements moved to accept and approve the internal control review reports and the Internal financial reports for August, September, October and November 2025. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.6 - Unpaid Invoices and Bills

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. Clements moved to authorize the general manager to pay the following items:

1. ACCTP-20260116-01 - $1,200.00 - WellIntel - Annual Service Fee
2. ACCTP-20260116-02 - $250.00 - Kenneth Eller - January 2026 Meeting
3. ACCTP-20260116-03 - $250.00 - Jerry Hroch - January 2026 Meeting
4. ACCTP-20260116-04 - $11,303.90 - Allison, Bass & Magee, LLP
5. ACCTP-20260116-05 - $90.00 - Allison, Bass & Magee, LLP
6. ACCTP-20260116-06 - $5,272.92 - Allison, Bass & Magee, LLP
7. ACCTP-20260116-07 - $5,585.50 - Allison, Bass & Magee, LLP

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

Topic 9.7 - Technical Consulting Service

Mr. Andruss explained the District has received an unsolicited statement of interest and qualifications from Collier Consulting for consulting services to the District. Collier has provided groundwater modelling, DFC evaluations, brackish aquifer mapping, aquifer testing, and groundwater availability studies for an array of clients including water providers, petroleum companies, state agencies, and groundwater conservation districts. Collier's experience and offered services align with the sort of support the GCDs may require in the future in light of the increased interest in developing large-scale groundwater projects within the Gulf Coast Aquifer. Retaining several qualified hydrogeologic firms to assist the District and cooperating districts will improve the ability of the District to address groundwater development projects in the future.

Board Action: Mr. Clements moved to 1) authorize the general manager and legal counsel to negotiate a consulting agreement with Collier Consulting and 2) authorize the Board President to approve and execute a consulting services agreement with Collier Consulting. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.8 - TWDB Funding Opportunities

Mr. Andruss explained on December 17, 2025, the District received notice of the following:

> The Texas Water Development Board (TWDB) is now accepting applications for Fiscal Year 2026 Agricultural Water Conservation Grants. Applications are due to the TWDB by Wednesday, March 18, at 2:00 p.m. CST.
>
> Up to $1,500,000 in grant funding is available to eligible political subdivisions and state agencies for agricultural water conservation projects that improve irrigation efficiency, enhance resilience to weather extremes and climate variability, and promote innovation in agriculture. Selected projects will further

water conservation in the state and serve the public interest by supporting the implementation of water conservation strategies identified in the state and regional water plans.

For more information, please view the full request for applications and application instructions on the TWDB's website.

The TWDB will host webinars on January 8, January 22, and February 4 that will provide additional information about the program and the application process. Please register in advance.

On January 8, 2026, Jean Perez of TWDB, notified the representatives of GMA 15 that the TWDB. Natalie Ballew of TWDB, notified groundwater conservation districts provided more information:

The TWDB plans to open the application period for Groundwater Science, Research, and Data Collection Grants next week. **The application period will be open Friday, January 16, 2026 through Friday, March 13, 2026, 2pm.**

Staff will develop one or more applications for funding related to 1) improving aquifer monitoring, or 2) improving modeling impacts of of groundwater development projects in the central portions of the Gulf Coast Aquifer.

Item 10 - Legal Counsel Report

Mr. Allison was present and gave his report.

Item 11.0 - Adjourn Meeting

Mr. Eller moved to adjourn the meeting at approximately 10:19 AM. Mr. Hroch seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE _____ DAY OF _____ A.D. _____.

_____ Director of the Victoria County Groundwater Conservation District

ATTEST:

_____ Director of the Victoria Groundwater Conservation District

Victoria County Groundwater Conservation District
Meeting Minutes for February 13, 2026

THE STATE OF TEXAS
VICTORIA COUNTY

Item 1 - Convene Meeting

Mr. Andruss explained that staff completed the necessary public notification requirements for the meeting.

Board Action: Mr. Meek called the meeting to order at 9:00 AM and call the roll of representatives:

Precinct 1: Mr. Jerry Hroch, Vice President: Present.
Precinct 2: Mr. Thurman Clements, Jr., Director : Present.
Precinct 3: Mrs. Barbara Dietzel, Secretary : Absent.
Precinct 4: Mr. Mark Meek, President: Present.
At Large: Mr. Kenneth Eller, Director : Present.
General Manager: Tim Andruss : Present.
General Counsel: Jim Allison : Absent.

Item 2 - Receive Public Comment

No public comment was given at this time.

Item 3 - Groundwater Management (Permitting)

Topic 3.1 - PRC-20260113-01 - ANHUPPW-20251218-01 - VCPFC

Mr. Andruss explained that Mr. Sean Stibich, for Port of Victoria / Victoria County Port Facilities Corp. seeks, under permitting request case PRC-20260113-01, a standard-capacity non-historic-use production permit authorizing the production of groundwater from non-grandfathered well NW-000618 for dock operations and public supply uses at rates not to exceed 100 gallons per minute or 161.3 acre-feet per year. The subject well is located on a 2,723.6-acre tract of land near the intersection of State Highway 185 and McCoy Rd. in Victoria County, Texas.

The applications and supplemental information associated with this permitting request case are considered administratively complete and contain sufficient information to evaluate the request relative to the rules of the district.

The applicant did not submit a request for a district waiver in connection with the permitting request.

Based on the review of the information provided within the associated application and supplemental information provided by the applicant, the general manager has determined that the request is consistent with the policies and rules of the district.

On January 28, 2026, the district completed the public notice process for the permitting request case.

Board Action: Mr. Eller 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 Victoria County Port Facilities Corporation for the subject well under permitting request case PRC-20260113-01 with the following conditions and the requirements established in the rules of the district now in effect:

Authorized Groundwater Production Purpose: dock operations and public supply uses;

Authorized Groundwater Production Rate: 100 gallons per minute;

Authorized Groundwater Production: 161.3 acre-feet per year; and

Expiration Date: July 31, 2030.

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

Topic 3.2 - PRC-20260113-02 - ADSPP-20251218-01 - VCPFC

Mr. Andruss explained Mr. Sean Stibich for Port of Victoria / Victoria County Port Facilities Corporation seeks, under permitting request case PRC-20260113-02, a permit authorizing the production of saline groundwater for industrial uses at rates not to exceed 1,240 gallons per minute or 2,000 acre-feet per year from a proposed deep saline well screened in the Goliad Saline Groundwater Zone at depths exceeding 1,300 feet below the surface. The proposed well will be located on a 2,723.06-acre tract of land near the intersection of State Highway 185 and McCoy Road in Victoria County, Texas.

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.

The applicant did not submit a request for a district waiver in connection with the permitting request.

Based on the review of the information provided within the associated application and supplemental information provided by the applicant, the general manager has determined that the request is consistent with the policies and rules of the district.

On January 28, 2026, the district completed the public notice process for the permitting request case.

The Rules of the District specify requirements for deep-saline wells under the following rules:

RULE 2.3: WELL SPACING REQUIREMENTS OF DEEP-SALINE WELLS
RULE 6.4: SPECIAL POLICIES RELATED TO DEEP-SALINE NON-HISTORIC USE PERMITTING
RULE 6.4.1: GROUNDWATER PRODUCTION LIMITATIONS RELATED TO DEEP-SALINE SPECIAL GROUNDWATER MANAGEMENT ZONES
RULE 6.4.2: APPLICATION REQUIREMENTS RELATED TO DEEP-SALINE PRODUCTION PERMIT REQUESTS
RULE 6.4.3: SPECIAL MONITORING AND REPORTING REQUIREMENTS RELATED TO PERMITTING DEEP-SALINE NON-HISTORIC USE
RULE 6.4.4: SPECIAL OPERATIONAL REQUIREMENTS RELATED TO PERMITTING DEEP-SALINE NON-HISTORIC USE

Board Action: Mr. Eller moved to 1) cancel the permit hearing and proceed with the permitting case as an uncontested matter; and 2) issue a deep-saline production permit to Port of Victoria / Victoria County Port Facilities Corporation for the proposed well under permitting request case PRC-20260113-02 with the following conditions and the requirements established in the rules of the district now in effect:

Authorized Groundwater Production Purpose: industrial uses;

Authorized Groundwater Production Rate: 1,240 gallons per minute;

Authorized Groundwater Production: 2,000 acre-feet per year; and

Expiration Date: July 31, 2030.

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

Item 4 - Groundwater Protection

Item 5 - Groundwater Monitoring

Item 6 - Groundwater Conservation

Item 7 - Groundwater Resource Planning

Item 8 - Groundwater Policy

Item 9 - Administration and Management

Topic 9.1 - Review of Administrative Policies

Mr. Andruss explained in order to ensure that the bylaws of the District conform with relevant statutes and present practices of the District, management has draft certain revisions to the previously adopted bylaws of the District in consultation with legal counsel of the District. The revisions (1) remove superfluous or repetitive material or (2) revise the provisions of the Bylaws to conform to Chapter 36, Water Code or current district policies.

Board Action: Mr. Clements moved to adopt the Bylaws of the District, as drafted. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.2 - TWDB Groundwater Science, Research, and Data Collection Grants

Mr. Andruss explained that the TWDB opened the application period for Groundwater Science, Research, and Data Collection Grants. **The application period will be open from Friday, January 16, 2026, through Friday, March 13, 2026, 2 pm.**

Staff will develop one or more applications for funding related to 1) improving aquifer monitoring, or 2) improving modeling impacts of groundwater development projects in the central portions of the Gulf Coast Aquifer.

Board Action: Mr. Clements moved to authorize the General Manager to submit an application, with affidavit confirming the eligibility of the District to apply and the authority of the General Manager to act on behalf of the District, to TWDB on behalf of the District in cooperation with Calhoun County GCD, Texana GCD, and Refugio GCD for the Groundwater Science, Research, and Data Collection Grants Program. Mr. Eller seconded the motion. The motion passed unanimously.

Topic 9.3 - Employee Compensation

Mr. Andruss explained that employee Corbin Karl was promoted from Aquifer Monitoring Technician to Compliance Specialist. Starting March 1, 2026, his pay rate will reflect that of the Compliance Specialist at Step 1.

Item 10 - Legal Counsel Report

Item 11.0 - Adjourn Meeting

Mr. Eller moved to adjourn the meeting at approximately 9:22 AM. Mr. Clements seconded the motion. The motion passed unanimously.

THE ABOVE AND FOREGOING MINUTES WERE READ AND APPROVED ON THIS THE _____ DAY OF _____ A.D. _____.

_____ Director of the Victoria County Groundwater Conservation District

ATTEST:

_____ Director of the Victoria Groundwater Conservation District

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: December 2025

This report has been prepared by the investment officer of the district in accordance with the Public Funds Investment Act (PFIA), Texas Government Code, Section 2256.023 and the investment policy of the district.

Detailed Description of Investment Position - PFIA 2256.023(b)(1)

The investment position of the District during the reporting period was limited to:

1) cash deposited into a demand deposit account for the purpose of holding monies of the Operating Fund and Reserve Fund,
2) cash deposited into time deposits (certificates of deposit) for the purpose of holding monies of the Reserve Fund, and
3) cash deposited into a pooled group fund (Texas Local Government Investment Pool) for the purpose of holding monies of the Reserve Fund.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3566**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the District.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-7120**) for the purpose of holding monies of the Operating Fund and Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-5242**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account and receiving deposits of tax collections from the tax assessor-collector.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2625**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2629**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2680**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2801**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit

account at Prosperity Bank (Account Number: **TDA-2802**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0518**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0519**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0520**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0521**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3881**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the GMA 15 Committee Joint Planning funds.

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: December 2025

Summary of Pooled Fund Groups – PFIA 2256.023(b)(4)

Beginning Market Value of Investments in Pooled Fund Groups:	$0.00
Total Deposits in Pooled Fund Groups:	$0.00
Total Withdrawals in Pooled Fund Groups:	$0.00
Fully Accrued Interest of Investments in Pooled Fund Groups:	$0.00
Ending Market Value of Investments in Pooled Fund Groups:	**$0.00**

Book and Market Values by Asset Type and Fund Type Statement – PFIA 2256.023(b)(5-7)

Asset Type	Asset	Fund Types	Yield / Rate	Maturity Date	Book Value	Market Value
Demand Deposit Account	Prosperity Bank - DDA-3566	Operating and Reserve	0.15%	N/A	$106,711.11	$106,711.11
Demand Deposit Account	Prosperity Bank – DDA-7120	Operating and Reserve	2.56%	N/A	$781,590.52	$781,590.52
Demand Deposit Account	Prosperity Bank – DDA-5242	Reserve	2.82%	N/A	$2,320,850.13	$2,320,850.13
Time Deposit Account	Prosperity Bank – TDA-2625	Reserve	3.25%	12/4/2026	$171,913.62	$171,913.62
Time Deposit Account	Prosperity Bank – TDA-2629	Reserve	3.25%	8/4/2026	$172,080.45	$172,080.45
Time Deposit Account	Prosperity Bank – TDA-2680	Reserve	3.35%	3/22/2027	$173,762.44	$173,762.44
Time Deposit Account	Prosperity Bank – TDA-2801	Reserve	3.35%	1/8/2026	$277,134.90	$277,134.90
Time Deposit Account	Prosperity Bank – TDA-2802	Reserve	3.35%	1/8/2026	$277,134.90	$277,134.90
Time Deposit Account	Prosperity Bank – TDA-0518	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0519	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0520	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Time Deposit Account	Prosperity Bank – TDA-0521	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Demand Deposit Account	Prosperity Bank – DDA-3881	GMA15 Joint Planning Funds	0.15%	N/A	$62,018.08	$62,018.08
				Totals:	**$5,437,944.07**	**$5,437,944.07**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: December 2025

Summary of Insurance and Collateral by Institution

Depository Institution: **Prosperity Bank**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Demand Deposit Accounts	$250,000.00	$3,271,169.84	$3,021,169.84
FDIC Deposit Insurance	Time Deposit Accounts	$250,000.00	$2,166,774.23	$1,916,774.23
		Totals:	**$5,437,944.07**	**$4,937,944.07**

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	$5,314,653.73	$4,937,944.07	**$0.00**

Depository Institution: **TexPool**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Pooled Group Fund	N/A	$0.00	$0.00

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	N/A	$0.00	**$0.00**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: December 2025

Statement of Compliance – PFIA 2256.0023(b)(8)

The investment portfolio of the district complies with the investment strategy of the district as expressed in the investment policy of the district. The investment portfolio of the district complies with the Public Funds Investment Act.

Statement regarding Report Preparation – PFIA 2256.0023(b)(2-3)

By my signature, I represent that 1) this report was written under my direct supervision; 2) I have thoroughly reviewed all the information contained within and used to develop this report; and 3) I believe this report to be true and correct to the best of my knowledge.

Tim Andruss, General Manager

3/3/2026
Date

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: January 2026

This report has been prepared by the investment officer of the district in accordance with the Public Funds Investment Act (PFIA), Texas Government Code, Section 2256.023 and the investment policy of the district.

Detailed Description of Investment Position - PFIA 2256.023(b)(1)

The investment position of the District during the reporting period was limited to:

1) cash deposited into a demand deposit account for the purpose of holding monies of the Operating Fund and Reserve Fund,
2) cash deposited into time deposits (certificates of deposit) for the purpose of holding monies of the Reserve Fund, and
3) cash deposited into a pooled group fund (Texas Local Government Investment Pool) for the purpose of holding monies of the Reserve Fund.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3566**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the District. ✓

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-7120**) for the purpose of holding monies of the Operating Fund and Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-5242**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account and receiving deposits of tax collections from the tax assessor-collector. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2625**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2629**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2680**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2801**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time

deposit account at Prosperity Bank (Account Number: **TDA-2802**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0518**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0519**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0520**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0521**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3881**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the GMA 15 Committee Joint Planning funds.

During the reporting period, the District held money of the Reserve Fund in the Texas Local Government Investment Pool (Account Number: **PGFA-0001**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: January 2026

Summary of Pooled Fund Groups – PFIA 2256.023(b)(4)

Beginning Market Value of Investments in Pooled Fund Groups:	$0.00
Total Deposits in Pooled Fund Groups:	$500.00
Total Withdrawals in Pooled Fund Groups:	$0.00
Fully Accrued Interest of Investments in Pooled Fund Groups:	$0.60
Ending Market Value of Investments in Pooled Fund Groups:	**$500.60**

Book and Market Values by Asset Type and Fund Type Statement – PFIA 2256.023(b)(5-7)

Asset Type	Asset	Fund Types	Yield / Rate	Maturity Date	Book Value	Market Value
Demand Deposit Account	Prosperity Bank - DDA-3566	Operating and Reserve	0.15%	N/A	$104,788.18	$104,788.18
Demand Deposit Account	Prosperity Bank – DDA-7120	Operating and Reserve	2.48%	N/A	$783,216.87	$783,216.87
Demand Deposit Account	Prosperity Bank – DDA-5242	Reserve	2.73%	N/A	$2,638,676.49	$2,638,676.49
Time Deposit Account	Prosperity Bank – TDA-2625	Reserve	3.25%	12/4/2026	$172,388.15	$172,388.15
Time Deposit Account	Prosperity Bank – TDA-2629	Reserve	3.25%	8/4/2026	$172,555.44	$172,555.44
Time Deposit Account	Prosperity Bank – TDA-2680	Reserve	3.35%	3/22/2027	$174,256.83	$174,256.83
Time Deposit Account	Prosperity Bank – TDA-2801	Reserve	2.85%	1/8/2026	$277,923.41	$277,923.41
Time Deposit Account	Prosperity Bank – TDA-2802	Reserve	2.85%	1/8/2026	$277,923.41	$277,923.41
Time Deposit Account	Prosperity Bank – TDA-0518	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0519	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0520	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Time Deposit Account	Prosperity Bank – TDA-0521	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Demand Deposit Account	Prosperity Bank – DDA-3881	GMA15 Joint Planning Funds	0.15%	N/A	$62,025.98	$62,025.98
Pooled Group Fund	TexPool PGFA-0001	Reserve	3.72%	N/A	$500.60	$500.60
				Totals:	**$5,759,003.28**	**$5,759,003.28**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: January 2026

Summary of Insurance and Collateral by Institution

Depository Institution: **Prosperity Bank**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Demand Deposit Accounts	$250,000.00	$3,588,707.52	$3,338,707.52
FDIC Deposit Insurance	Time Deposit Accounts	$250,000.00	$2,169,795.16	$1,919,795.16
		Totals:	**$5,758,502.68**	**$5,258,502.68**

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	$5,834,058.40	$5,258,502.68	**$0.00**

Depository Institution: **TexPool**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Pooled Group Fund	N/A	$500.60	$500.60

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	N/A	$500.60	**$500.60**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: January 2026

Statement of Compliance – PFIA 2256.0023(b)(8)

The investment portfolio of the district complies with the investment strategy of the district as expressed in the investment policy of the district. The investment portfolio of the district complies with the Public Funds Investment Act.

Statement regarding Report Preparation – PFIA 2256.0023(b)(2-3)

By my signature, I represent that 1) this report was written under my direct supervision; 2) I have thoroughly reviewed all the information contained within and used to develop this report; and 3) I believe this report to be true and correct to the best of my knowledge.

Tim Andruss, General Manager

Date 4/8/2026

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: February 2026

This report has been prepared by the investment officer of the district in accordance with the Public Funds Investment Act (PFIA), Texas Government Code, Section 2256.023 and the investment policy of the district.

Detailed Description of Investment Position - PFIA 2256.023(b)(1)

The investment position of the District during the reporting period was limited to:

1) cash deposited into a demand deposit account for the purpose of holding monies of the Operating Fund and Reserve Fund,
2) cash deposited into time deposits (certificates of deposit) for the purpose of holding monies of the Reserve Fund, and
3) cash deposited into a pooled group fund (Texas Local Government Investment Pool) for the purpose of holding monies of the Reserve Fund.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3566**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the District. ✓

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-7120**) for the purpose of holding monies of the Operating Fund and Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-5242**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account and receiving deposits of tax collections from the tax assessor-collector. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2625**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2629**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2680**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-2801**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account. ✓

During the reporting period, the District deposited cash in an interest-bearing, time

deposit account at Prosperity Bank (Account Number: **TDA-2802**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0518**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0519**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0520**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, time deposit account at Prosperity Bank (Account Number: **TDA-0521**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

During the reporting period, the District deposited cash in an interest-bearing, demand deposit account at Prosperity Bank (Account Number: **DDA-3881**) for the purpose of holding monies of the Operating Fund and Reserve Fund, receiving interest deposits of the account, receiving deposits of district fees, and paying bills and invoices of the GMA 15 Committee Joint Planning funds.

During the reporting period, the District held money of the Reserve Fund in the Texas Local Government Investment Pool (Account Number: **PGFA-0001**) for the purpose of holding monies of the Reserve Fund and receiving interest deposits of the account.

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: February 2026

Summary of Pooled Fund Groups – PFIA 2256.023(b)(4)

Beginning Market Value of Investments in Pooled Fund Groups:	$0.00
Total Deposits in Pooled Fund Groups:	$500.60
Total Withdrawals in Pooled Fund Groups:	$0.00
Fully Accrued Interest of Investments in Pooled Fund Groups:	$1.40
Ending Market Value of Investments in Pooled Fund Groups:	**$502.00**

Book and Market Values by Asset Type and Fund Type Statement – PFIA 2256.023(b)(5-7)

Asset Type	Asset	Fund Types	Yield / Rate	Maturity Date	Book Value	Market Value
Demand Deposit Account	Prosperity Bank - DDA-3566	Operating and Reserve	0.15%	N/A	$60,720.04	$60,720.04
Demand Deposit Account	Prosperity Bank – DDA-7120	Operating and Reserve	2.48%	N/A	$784,689.56	$784,689.56
Demand Deposit Account	Prosperity Bank – DDA-5242	Reserve	2.74%	N/A	$2,858,697.44	$2,858,697.44
Time Deposit Account	Prosperity Bank – TDA-2625	Reserve	3.25%	12/4/2026	$172,863.99	$172,863.99
Time Deposit Account	Prosperity Bank – TDA-2629	Reserve	3.25%	8/4/2026	$173,031.74	$173,031.74
Time Deposit Account	Prosperity Bank – TDA-2680	Reserve	3.35%	3/22/2027	$174,768.62	$174,768.62
Time Deposit Account	Prosperity Bank – TDA-2801	Reserve	2.85%	1/8/2028	$278,596.14	$278,596.14
Time Deposit Account	Prosperity Bank – TDA-2802	Reserve	2.85%	1/8/2028	$278,596.14	$278,596.14
Time Deposit Account	Prosperity Bank – TDA-0518	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0519	Reserve	3.35%	3/30/2027	$274,051.49	$274,051.49
Time Deposit Account	Prosperity Bank – TDA-0520	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Time Deposit Account	Prosperity Bank – TDA-0521	Reserve	3.25%	3/30/2026	$273,322.47	$273,322.47
Demand Deposit Account	Prosperity Bank – DDA-3881	GMA15 Joint Planning Funds	0.15%	N/A	$62,033.12	$62,033.12
Pooled Group Fund	TexPool PGFA-0001	Reserve	3.68%	N/A	$502.00	$502.00
				Totals:	**$5,939,246.71**	**$5,939,246.71**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: February 2026

Summary of Insurance and Collateral by Institution

Depository Institution: **Prosperity Bank**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Demand Deposit Accounts	$250,000.00	$3,766,140.16	$3,516,140.16
FDIC Deposit Insurance	Time Deposit Accounts	$250,000.00	$2,172,604.55	$1,922,604.55
		Totals:	**$5,938,744.71**	**$5,438,744.71**

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	$6,312,634.08	$5,438,744.71	**$0.00**

Depository Institution: **TexPool**

Type of Coverage	Investment Type	Coverage Amount	Total Deposits	Uninsured Deposits
FDIC Deposit Insurance	Pooled Group Fund	N/A	$502.00	$502.00

Type of Coverage	Investment Type	Coverage Amount	Total Uninsured Deposits	Uncollateralized Deposits
Pledged Collateral	Deposit Accounts	N/A	$502.00	**$502.00**

Victoria County Groundwater Conservation District

INVESTMENT REPORT

Reporting Period: February 2026

Statement of Compliance – PFIA 2256.0023(b)(8)

The investment portfolio of the district complies with the investment strategy of the district as expressed in the investment policy of the district. The investment portfolio of the district complies with the Public Funds Investment Act.

Statement regarding Report Preparation – PFIA 2256.0023(b)(2-3)

By my signature, I represent that 1) this report was written under my direct supervision; 2) I have thoroughly reviewed all the information contained within and used to develop this report; and 3) I believe this report to be true and correct to the best of my knowledge.

Tim Andruss, General Manager

4/8/2026
Date

VCGCD - Adm - FM - Internal Control Review Report - ICRR-20251231-01 - December 2025

Accounts and Statements (Registry of Financial Accounts: VCGCD - Registry of Financial Accounts)

1. Account ID: 3566: AS-20251231-03 - Act# 3566 - RECONCILED
2. Account ID: 7120: AS-20251231-01 - Act# 7120 - RECONCILED
3. Account ID: 5242: AS-20251231-02 - Act# 5242 - RECONCILED
4. Account ID: 2625: AS-20251204-01 - CD# 2625 - RECONCILED
5. Account ID: 2629: AS-20251204-02 - CD# 2629 - RECONCILED
6. Account ID: 2680: AS-20251222-01 - CD# 2680 - RECONCILED
7. Account ID: 2801: AS-20251208-01 - CD# 2801 - RECONCILED
8. Account ID: 2802: AS-20251208-02 - CD# 2802 - RECONCILED
9. Account ID: 0518: AS-20251231-05 - CD# 0518 - RECONCILED
10. Account ID: 0519: AS-20251231-06 - CD# 0519 - RECONCILED
11. Account ID: 0520: AS-20251231-07 - CD# 0520 - RECONCILED
12. Account ID: 0521: AS-20251231-08 - CD# 0521 - RECONCILED
13. Account ID: 3881: AS-20251231-04 - Act# 3881 - RECONCILED

Associated Collateral Record Notes:

1. CR-20251231-01 - Prosperity Bank - December 2025

List of VOIDED Check Notes:

1.

List of CANCELLED Transaction Notes:

1.

List of DISPUTED and UNPAID Accounts Payable (ACCTPs)Notes:

1.

List of DISPUTED and UNPAID Accounts Receivable (ACCTRs)Notes:

1.

Internal Control Review

Question #1: Do all account statements reconcile with the associated Internal Financial Report? Yes
Associated Internal Financial Report: Internal Financial Report - IFR-20251130-01 - FY2026-M02 - November 2025
Comments:

Question#2: Are dual signatures present on all checks? Yes
Comments:

Question#3: Are all expenditures associated with employees, including credit card expenditures, or contractors appropriate and properly authorized? Yes
Comments:

Question#3a: Do all expenditures associated with the payment of employee withholding and district contributions for heath benefits (TML) comport with withholdings and contribution made for health benefits with the associated payroll payment transactions? Yes

Anticipated Number of Covered Employees for Reporting Period:	5
Anticipated Total Monthly Premium for Reporting Period:	$ 3,225.50
Total of Employee Withholdings for Health Benefits:	$ 725.50
Total of District Contributions for Health Benefits:	$ 2,500.00
Total of Withholdings and Contributions:	**$ 3,225.50**
Number of Covered Employees on Invoice:	5
Health Benefit (TML) Payment Amount:	**$ 3,225.50**

Question#3b: Do all expenditures associated with the payment of employee withholding and district contributions for pension benefits (TCDRS) comport with withholdings and contribution made for pension benefits with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Pension Benefits:	$2,766.26
Total of District Contributions for Pension Benefits:	$5,532.53
Total of District Contributions for Group Term Life Premiums	$39.54
Total of Withholdings and Contributions:	**$8,338.33**
Pension Benefit (TCDRS) Payment Amount:	$8,338.33

Question#3c: Do all expenditures associated with the payment of employee withholding and district contributions for taxes (IRS) comport with withholdings and contribution made for taxes with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Taxes:	$6,342.44
Total of District Contributions for Taxes:	$2,735.44
Total of Withholdings and Contributions:	**$9,077.88**
Taxes (IRS) Payment Amount:	$9,077.88

Question#3d: Do all expenditures associated with the payment of employee withholding and district contributions for unemployment (TWC) comport with withholdings and contribution made for unemployment with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Unemployment:	$0.00
Total of District Contributions for Unemployment:	$0.00
Total of Withholdings and Contributions:	**$0.00**
Taxes (TWC) Payment Amount:	$0.00

Question#4: Are all electronic transactions (drafts and transfers) appropriate and properly documented? Yes
Comments:

Question#5: Are all voided checks properly marked and recorded? Yes
Comments:

Question#6: Does the market valueof the pledged collateral and FDIC insurance exceed the total of investments per banking institution? Yes
Comments:

Question#7: Do the external financial recordscomport with internal financial records of the District? Yes
Comments:

Certification:

I certify that I have reviewed the documentation referenced above and the answers provided to the questions are true and accurate.

_____ _____

Signature of District Official Date

Caitlynn Davenport

Name of District Official

VCGCD - Adm - FM - Internal Control Review Report - ICRR-20260131-01 - January 2026

Accounts and Statements (Registry of Financial Accounts: VCGCD - Registry of Financial Accounts)

1. Account ID: 3566: AS-20260131-03 - Act# 3566 - RECONCILED
2. Account ID: 7120: AS-20260131-01 - Act# 7120 - RECONCILED
3. Account ID: 5242: AS-20260131-02 - Act# 5242 - RECONCILED
4. Account ID: 2625: AS-20260104-01 - CD# 2625 - RECONCILED
5. Account ID: 2629: AS-20260104-02 - CD# 2629 - RECONCILED
6. Account ID: 2680: AS-20260122-01 - CD# 2680 - RECONCILED
7. Account ID: 2801: AS-20260108-01 - CD# 2801 - RECONCILED
8. Account ID: 2802: AS-20260108-02 - CD# 2802 - RECONCILED
9. Account ID: 0518: AS-20251231-05 - CD# 0518 - RECONCILED
10. Account ID: 0519: AS-20251231-06 - CD# 0519 - RECONCILED
11. Account ID: 0520: AS-20251231-07 - CD# 0520 - RECONCILED
12. Account ID: 0521: AS-20251231-08 - CD# 0521 - RECONCILED
13. Account ID: 3881: AS-20260131-04 - Act# 3881 - RECONCILED
14. Account ID: 0001: AS-20260131-05 - TexPool 449/8107900001 - RECONCILED

Associated Collateral Record Notes:

1. VCGCD - Adm - FM - Collateral Record - CR-20260131-01 - Prosperity Bank - January 2026

List of VOIDED Check Notes:

1.

List of CANCELLED Transaction Notes:

1.

List of DISPUTED and UNPAID Accounts Payable (ACCTPs)Notes:

1.

List of DISPUTED and UNPAID Accounts Receivable (ACCTRs)Notes:

1.

Internal Control Review

Question #1: Do all account statements reconcile with the associated Internal Financial Report? Yes

Associated Internal Financial Report: Internal Financial Report - IFR-20251130-01 - FY2026-M02 - November 2025

Comments:

Question#2: Are dual signatures present on all checks? Yes

Comments:

Question#3: Are all expenditures associated with employees, including credit card expenditures, or contractors appropriate and properly authorized? Yes

Comments:

Question#3a: Do all expenditures associated with the payment of employee withholding and district contributions for heath benefits (TML) comport with withholdings and contribution made for health benefits with the associated payroll payment transactions? Yes

Anticipated Number of Covered Employees for Reporting Period:	5
Anticipated Total Monthly Premium for Reporting Period:	$ 3,503.00
Total of Employee Withholdings for Health Benefits:	$ 503.00
Total of District Contributions for Health Benefits:	$ 3,000.00
Total of Withholdings and Contributions:	**$ 3,503.00**
Number of Covered Employees on Invoice:	5
Health Benefit (TML) Payment Amount:	**$ 3,503.00**

Question#3b: Do all expenditures associated with the payment of employee withholding and district contributions for pension benefits (TCDRS) comport with withholdings and contribution made for pension benefits with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Pension Benefits:	$2,548.99
Total of District Contributions for Pension Benefits:	$5,097.99
Total of District Contributions for Group Term Life Premiums	$36.42
Total of Withholdings and Contributions:	**$7,683.40**
Pension Benefit (TCDRS) Payment Amount:	$7,683.40

Question#3c: Do all expenditures associated with the payment of employee withholding and district contributions for taxes (IRS) comport with withholdings and contribution made for taxes with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Taxes:	$6,110.91
Total of District Contributions for Taxes:	$2,684.91
Total of Withholdings and Contributions:	**$8,795.82**
Taxes (IRS) Payment Amount:	$8,795.82

Question#3d: Do all expenditures associated with the payment of employee withholding and district contributions for unemployment (TWC) comport with withholdings and contribution made for unemployment with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Unemployment:	$0.00
Total of District Contributions for Unemployment:	$126.00
Total of Withholdings and Contributions:	**$126.00**
Taxes (TWC) Payment Amount:	$0.00

Question#4: Are all electronic transactions (drafts and transfers) appropriate and properly documented? Yes
Comments:

Question#5: Are all voided checks properly marked and recorded? Yes
Comments:

Question#6: Does the market valueof the pledged collateral and FDIC insurance exceed the total of investments per banking institution? Yes
Comments:

Question#7: Do the external financial recordscomport with internal financial records of the District? Yes
Comments:

Certification:

I certify that I have reviewed the documentation referenced above and the answers provided to the questions are true and accurate.

_____ _____
Signature of District Official Date

_____
Name of District Official

VCGCD - Adm - FM - Internal Control Review Report - ICRR-20260228-01 - February 2026

Accounts and Statements (Registry of Financial Accounts: VCGCD - Registry of Financial Accounts)

1. Account ID: 3566: AS-20260228-03 - Act# 3566 - RECONCILED
2. Account ID: 7120: AS-20260228-01 - Act# 7120 - RECONCILED
3. Account ID: 5242: AS-20260228-02 - Act# 5242 - RECONCILED
4. Account ID: 2625: AS-20260204-01 - CD# 2625 - RECONCILED
5. Account ID: 2629:AS-20260204-02 - CD# 2629 - RECONCILED
6. Account ID: 2680: AS-20260220-01 - CD# 2680 - RECONCILED
7. Account ID: 2801: AS-20260208-01 - CD# 2801 - RECONCILED
8. Account ID: 2802: AS-20260208-02 - CD# 2802 - RECONCILED
9. Account ID: 0518: AS-20251231-05 - CD# 0518 - RECONCILED
10. Account ID: 0519: AS-20251231-06 - CD# 0519 - RECONCILED
11. Account ID: 0520: AS-20251231-07 - CD# 0520 - RECONCILED
12. Account ID: 0521: AS-20251231-08 - CD# 0521 - RECONCILED
13. Account ID: 3881:AS-20260228-04 - Act# 3881 - RECONCILED
14. Account ID: 0001: AS-20260228-05 - TexPool 449/8107900001 - RECONCILED

Associated Collateral Record Notes:

1. Collateral Record - CR-20260228-01 - Prosperity Bank - February 2026

List of VOIDED Check Notes:

1.

List of CANCELLED Transaction Notes:

1.

List of DISPUTED and UNPAID Accounts Payable (ACCTPs)Notes:

1.

List of DISPUTED and UNPAID Accounts Receivable (ACCTRs)Notes:

1.

Internal Control Review

Question #1: Do all account statements reconcile with the associated Internal Financial Report? Yes
Associated Internal Financial Report: VCGCD - Adm - FM - Internal Financial Report - IFR-20260228-01 - FY2026-M05 - February 2026
Comments:

Question#2: Are dual signatures present on all checks? Yes
Comments:

Question#3: Are all expenditures associated with employees, including credit card expenditures, or contractors appropriate and properly authorized? Yes
Comments:

Question#3a: Do all expenditures associated with the payment of employee withholding and district contributions for heath benefits (TML) comport with withholdings and contribution made for health benefits with the associated payroll payment transactions? Yes

Anticipated Number of Covered Employees for Reporting Period:	5
Anticipated Total Monthly Premium for Reporting Period:	$ 3,503.00
Total of Employee Withholdings for Health Benefits:	$ 503.00
Total of District Contributions for Health Benefits:	$ 3,000.00
Total of Withholdings and Contributions:	**$ 3,503.00**
Number of Covered Employees on Invoice:	5
Health Benefit (TML) Payment Amount:	**$ 3,503.00**

Question#3b: Do all expenditures associated with the payment of employee withholding and district contributions for pension benefits (TCDRS) comport with withholdings and contribution made for pension benefits with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Pension Benefits:	$2,502.76
Total of District Contributions for Pension Benefits:	$5,005.53
Total of District Contributions for Group Term Life Premiums	$35.76
Total of Withholdings and Contributions:	**$7,544.05**
Pension Benefit (TCDRS) Payment Amount:	$7,544.05

Question#3c: Do all expenditures associated with the payment of employee withholding and district contributions for taxes (IRS) comport with withholdings and contribution made for taxes with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Taxes:	$5,893.64
Total of District Contributions for Taxes:	$2,595.64
Total of Withholdings and Contributions:	**$8,489.28**
Taxes (IRS) Payment Amount:	$8,489.28

Question#3d: Do all expenditures associated with the payment of employee withholding and district contributions for unemployment (TWC) comport with withholdings and contribution made for unemployment with the associated payroll payment transactions? Yes

Total of Employee Withholdings for Unemployment:	$0.00
Total of District Contributions for Unemployment:	$0.00
Total of Withholdings and Contributions:	**$0.00**
Taxes (TWC) Payment Amount:	$0.00

Question#4: Are all electronic transactions (drafts and transfers) appropriate and properly documented? Yes
Comments:

Question#5: Are all voided checks properly marked and recorded? Yes
Comments:

Question#6: Does the market valueof the pledged collateral and FDIC insurance exceed the total of investments per banking institution? Yes
Comments:

Question#7: Do the external financial recordscomport with internal financial records of the District? Yes
Comments:

Certification:

I certify that I have reviewed the documentation referenced above and the answers provided to the questions are true and accurate.

Caitlynn Davenport _____
Signature of District Official Date

_____
Name of District Official

PDF of Executed Report:
RECORD_TASK: ICRR-20260228-01- Review and approve report by Alternate Administrative Coordinator. ()

Note Template Link:

Victoria County Groundwater Conservation District

Internal Financial Report

Reporting Period: December 2025

Sheet Index

Account	Institution	Fund	Account Type	Statement Reconciliation ID	Reported Ending Balance	Reported Yield / Rate
DDA-3881	Prosperity Bank	GMA 15	Demand Deposit Account	DDA-3881 : AS-20251231-04: DATE: 12/31/2025	$ 62,018.08	0.1500%
DDA-3566	Prosperity Bank	Operating	Demand Deposit Account	DDA-3566 : AS-20251231-03: DATE: 12/31/2025	$ 106,711.11	0.1500%
DDA-7120	Prosperity Bank	Operating	Demand Deposit Account	DDA-7120 : AS-20251231-01: DATE: 12/31/2025	$ 781,590.52	2.5600%
DDA-5242	Prosperity Bank	Reserve	Demand Deposit Account	DDA-5242 : AS-20251231-02: DATE: 12/31/2025	$ 2,320,850.13	2.8200%
TDA-0518	Prosperity Bank	Reserve	Time Deposit Account	TDA-0518 : AS-20251231-05: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0519	Prosperity Bank	Reserve	Time Deposit Account	TDA-0519 : AS-20251231-06: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0520	Prosperity Bank	Reserve	Time Deposit Account	TDA-0520 : AS-20251231-07: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-0521	Prosperity Bank	Reserve	Time Deposit Account	TDA-0521 : AS-20251231-08: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-2625	Prosperity Bank	Reserve	Time Deposit Account	TDA-2625 : AS-20251204-01: DATE: 12/31/2025	$ 171,913.62	3.2500%
TDA-2629	Prosperity Bank	Reserve	Time Deposit Account	TDA-2629 : AS-20251204-02: DATE: 12/31/2025	$ 172,080.45	3.2500%
TDA-2680	Prosperity Bank	Reserve	Time Deposit Account	TDA-2680 : AS-20251222-01: DATE: 12/31/2025	$ 173,762.44	3.3500%
TDA-2801	Prosperity Bank	Reserve	Time Deposit Account	TDA-2801 : AS-20251208-01: DATE: 12/31/2025	$ 277,134.90	3.3500%
TDA-2802	Prosperity Bank	Reserve	Time Deposit Account	TDA-2802 : AS-20251208-02: DATE: 12/31/2025	$ 277,134.90	3.3500%
Total					**$ 5,437,944.07**	

Sheet Index

Institution	Type	CUSIP	Description	Safekeeping Location	Safekeeping Receipt	Credit Rating	Market Value
Prosperity Bank	FDIC Insurance - Demand Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	FDIC Insurance - Time Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	Pledged Collateral	3138WBAD7	FNMA #AS1803	FHLB		AAA	$ -
Prosperity Bank	Pledged Collateral	3128MMT86	FHLMC #G18574	FHLB		AAA	$ 591,239.69
Prosperity Bank	Pledged Collateral	3138WJAC2	FNMA #AS8102	FHLB		AAA	$ 495,106.94
Prosperity Bank	Pledged Collateral	3128MMVQ3	FNMA #G18622	FHLB		AAA	$ 649,986.94
Prosperity Bank	Pledged Collateral	3138WJN53	FNMA #AS8511	FHLB		AAA	$ 143,913.85
Prosperity Bank	Pledged Collateral	31418DXG2	FNMA #MA4278	FHLB		AAA	$ 594,791.84
Prosperity Bank	Pledged Collateral	3132J4HD4	FHLMS #G30927	FHLB		AAA	$ 431,172.35
Prosperity Bank	Pledged Collateral	31418D5F5	FNMA #MA4445	FHLB		AAA	$ 243,379.61
Prosperity Bank	Pledged Collateral	31418ECD0	FNMA #MS4567	FHLB		AAA	$ 177,775.97
Prosperity Bank	Pledged Collateral	31418EDH0	FNMA #MA4603	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3140Q8Z81	FNMA CRA #CA1666	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3138WFAL0	FNMA #AS5410	FHLB		AAA	$ 32,635.34
Prosperity Bank	Pledged Collateral	31307U2S6	FHLMC #J37985	FHLB		AAA	$ 173,734.92
Prosperity Bank	Pledged Collateral	3128MFKH0	FHLMC #G16396	FHLB		AAA	$ 36,691.47
Prosperity Bank	Pledged Collateral	3128MMX57	FHLMC #G18699	FHLB		AAA	$ 214,401.95
Prosperity Bank	Pledged Collateral	31417CWC5	FNMA #AB6042	FHLB		AAA	$ 200,975.60
Prosperity Bank	Pledged Collateral	31307BY79	FHLMC #J23434	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3132D6AC4	FR #SB8103	FHLB		AAA	$ 553,878.62
Prosperity Bank	Pledged Collateral	31418APY8	FNMA #MA1338	FHLB		AAA	$ 219,334.53
Prosperity Bank	Pledged Collateral	31418D4F6	FNMA #MA4421	FHLB		AAA	$ 426,039.05
Prosperity Bank	Pledged Collateral	3140LYQ30	FNMA #BT9473	FHLB		AAA	$ 129,595.06
Total							**$ 5,814,653.73**

Sheet Index

		Sum of Budget Amount
Budget Adoption	**$**	**(794,900.00)**
Reserve	$	1,900.00
Operating	$	(750,600.00)
GMA 15	$	(46,200.00)
Budget Carry Forward	**$**	**(194,800.00)**
Operating	$	(194,800.00)
Grand Total	**$**	**(989,700.00)**

Sheet Index

	Sum of Budget Amount
Budget Adoption	**$ (794,900.00)**
Reserve	**$ 1,900.00**
1000 - Administration	$ 884,900.00
3000 - Groundwater Management	$ (58,000.00)
4000 - Groundwater Monitoring	$ (625,000.00)
8000 - Groundwater Resource Planning	$ (200,000.00)
Operating	**$ (750,600.00)**
1000 - Administration	$ (608,600.00)
2000 - Groundwater Conservation	$ (10,000.00)
3000 - Groundwater Management	$ (24,000.00)
4000 - Groundwater Monitoring	$ (60,000.00)
5000 - Groundwater Policy	$ (11,000.00)
6000 - Groundwater Protection	$ (36,000.00)
7000 - Groundwater Research	$ -
8000 - Groundwater Resource Planning	$ (1,000.00)
GMA 15	**$ (46,200.00)**
1000 - Administration	$ 500.00
8000 - Groundwater Resource Planning	$ (46,700.00)
Budget Carry Forward	**$ (194,800.00)**
Operating	**$ (194,800.00)**
3000 - Groundwater Management	$ (110,000.00)
4000 - Groundwater Monitoring	$ (84,800.00)
Grand Total	**$ (989,700.00)**

Sheet Index

	Sum of Budget Amount
Budget Adoption	**$ (794,900.00)**
Reserve	**$ 1,900.00**
PRJ-20261300.03 - Tax Revenue Collection	$ 757,900.00
PRJ-20261300.04 - Interest Revenue Collection	$ 127,000.00
PRJ-20263000.01 - General Groundwater Permitting	$ (58,000.00)
PRJ-20264000.01 - General Groundwater Monitoring	$ (625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning	$ (200,000.00)
Operating	**$ (750,600.00)**
PRJ-20261000.01 - General Administration	$ -
PRJ-20261001.01 - Director Compensation Processing	$ (45,000.00)
PRJ-20261100.01 - Employment Coordination	$ (730,300.00)
PRJ-20261200.01 - Election Coordination	$ -
PRJ-20261300.01 - Financial Audit	$ (20,000.00)
PRJ-20261300.02 - Budget Development	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ (70,000.00)
PRJ-20261300.04 - Interest Revenue Collection	$ 10,000.00
PRJ-20261300.05 - Fee Revenue Collection	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -
PRJ-20261400.01 - Technology	$ (23,100.00)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ (1,800.00)
PRJ-20261500.02 - District Meeting Coordination	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -
PRJ-20261700.01 - Office Administration	$ (86,400.00)
PRJ-20261700.02 - General Legal Counsel Representation	$ (20,000.00)
PRJ-20261700.03 - GCD Support	$ 378,000.00
PRJ-20261900.01 - Digital Record Archiving	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ (10,000.00)
PRJ-20262100.01 - Promote Conservation	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ (17,500.00)
PRJ-20263100.01 - Well Registration Processing	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ (2,000.00)
PRJ-20263100.03 - Permit Processing	$ (2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing	$ (1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ (500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ (500.00)
PRJ-20263100.07 - Permit Report Processing	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ (20,000.00)
PRJ-20264100.01 - Drought Condition Monitoring	$ -
PRJ-20264100.02 - Water Level Monitoring	$ (5,000.00)

Sheet Index

	Sum of Budget Amount
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.05 - Water Level Assessment	$ (5,000.00)
PRJ-20264100.06 - Water Quality Assessment	$ -
PRJ-20264100.07 - Subsidence Assessment	$ (10,000.00)
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ (10,000.00)
PRJ-20265000.01 - General Groundwater Policy	$ -
PRJ-20265100.01 - Management Plan Revisions	$ (500.00)
PRJ-20265100.02 - Rule Amendments	$ (500.00)
PRJ-20265100.03 - Legislative Support and Lobbying	$ (10,000.00)
PRJ-20266000.01 - General Groundwater Protection	$ -
PRJ-20266100.01 - Well Inspections	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ (30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ (500.00)
PRJ-20266100.04 - Well Plugging Sponsorship	$ (5,000.00)
PRJ-20267000.01 - General Groundwater Research	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ (500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ (500.00)
GMA 15	**$ (46,200.00)**
PRJ-20261300.04 - Interest Revenue Collection	$ 500.00
PRJ-20268100.03 - GMA 15 Administration	$ (46,700.00)
Budget Carry Forward	**$ (194,800.00)**
Operating	**$ (194,800.00)**
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ (50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ (60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment	$ (54,600.00)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ (30,200.00)
Grand Total	**$ (989,700.00)**

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
GMA 15		
PRJ-20261300.04 - Interest Revenue Collection	$ 23.44	$ -
PRJ-20268100.03 - GMA 15 Administration	$ -	$ -
Operating		
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ -	$ -
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ -	$ -
PRJ-20254100.07 - Annual Water Quality Assessment	$ -	$ (25,666.80)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ -	$ -
PRJ-20261000.01 - General Administration	$ -	$ -
PRJ-20261001.01 - Director Compensation Processing	$ -	$ (500.00)
PRJ-20261100.01 - Employment Coordination	$ 2,799.44	$ (183,194.91)
PRJ-20261200.01 - Election Coordination	$ -	$ -
PRJ-20261300.01 - Financial Audit	$ -	$ -
PRJ-20261300.02 - Budget Development	$ -	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ -	$ (48,930.23)
PRJ-20261300.04 - Interest Revenue Collection	$ 5,263.52	$ -
PRJ-20261300.05 - Fee Revenue Collection	$ 300.00	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -	$ -
PRJ-20261400.01 - Technology	$ -	$ (6,899.38)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ -	$ (183.75)
PRJ-20261500.02 - District Meeting Coordination	$ -	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -	$ -
PRJ-20261700.01 - Office Administration	$ -	$ (29,528.17)
PRJ-20261700.02 - General Legal Counsel Representation	$ -	$ (1,954.84)
PRJ-20261700.03 - GCD Support	$ -	$ -
PRJ-20261900.01 - Digital Record Archiving	$ -	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ -	$ -
PRJ-20262100.01 - Promote Conservation	$ -	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ -	$ -
PRJ-20263100.01 - Well Registration Processing	$ -	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ -	$ -
PRJ-20263100.03 - Permit Processing	$ -	$ -
PRJ-20263100.04 - Groundwater Production Report Processing	$ -	$ -
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ -	$ -
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ -	$ -

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
PRJ-20263100.07 - Permit Report Processing	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20264100.01 - Drought Condition Monitoring	$ -	$ -
PRJ-20264100.02 - Water Level Monitoring	$ -	$ (1,185.54)
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ -	$ -
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ -	$ -
PRJ-20264100.05 - Water Level Assessment	$ -	$ -
PRJ-20264100.06 - Water Quality Assessment	$ -	$ -
PRJ-20264100.07 - Subsidence Assessment	$ -	$ -
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ -	$ (1,200.00)
PRJ-20265000.01 - General Groundwater Policy	$ -	$ -
PRJ-20265100.01 - Management Plan Revisions	$ -	$ -
PRJ-20265100.02 - Rule Amendments	$ -	$ -
PRJ-20265100.03 - Legislative Support and Lobbying	$ -	$ -
PRJ-20266000.01 - General Groundwater Protection	$ -	$ -
PRJ-20266100.01 - Well Inspections	$ -	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ -	$ -
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ -	$ -
PRJ-20266100.04 - Well Plugging Sponsorship	$ -	$ (1,622.50)
PRJ-20267000.01 - General Groundwater Research	$ -	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ -	$ -
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ -	$ -
Reserve		
PRJ-20261300.03 - Tax Revenue Collection	$ 174,716.03	$ -
PRJ-20261300.04 - Interest Revenue Collection	$ 33,578.32	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20268000.01 - General Groundwater Resource Planning	$ -	$ -
Grand Total	**$ 216,680.75**	**$ (300,866.12)**

Sheet Index

	Sum of Net Approved Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
Reserve					
PRJ-20261300.03 - Tax Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$757,900.00	$757,900.00	$174,716.03	$-	$583,183.97
PRJ-20263000.01 - General Groundwater Permitting | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(340,000.00)	$(340,000.00)	$-	$-	$(340,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$282,000.00	$282,000.00	$-	$-	$282,000.00
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$127,000.00	$127,000.00	$33,578.32	$-	$93,421.68
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(625,000.00)	$(625,000.00)	$-	$-	$(625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(200,000.00)	$(200,000.00)	$-	$-	$(200,000.00)
Operating					
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses | Intera Cost Share - CSGC-GAM | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(50,000.00)	$(50,000.00)	$-	$-	$(50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties | Intera Cost Share - Brackish | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(60,000.00)	$(60,000.00)	$-	$-	$(60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment | Aquifer Condition Assessment - Water Quality Characterizations | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(54,600.00)	$(54,556.55)	$-	$(25,666.80)	$(28,889.75)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement | Aquifer Monitoring Well Network Development - Wellntell Pilot | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(30,200.00)	$(30,130.00)	$-	$-	$(30,130.00)
PRJ-20261300.03 - Tax Revenue Collection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$(48,930.23)	$(21,069.77)
PRJ-20261700.03 - GCD Support | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$378,000.00	$378,000.00	$-	$-	$378,000.00
PRJ-20263000.01 - General Groundwater Permitting | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$-	$(70,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$52,500.00	$52,500.00	$-	$-	$52,500.00
PRJ-20264100.05 - Water Level Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20264100.05 - Water Level Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$15,000.00	$15,000.00	$-	$-	$15,000.00

Sheet Index

	Sum of Net Approved Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.07 - Subsidence Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(40,000.00)	$(40,000.00)	$-	$-	$(40,000.00)
PRJ-20264100.07 - Subsidence Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$30,000.00	$30,000.00	$-	$-	$30,000.00
PRJ-20261000.01 - General Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261001.01 - Director Compensation Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(45,000.00)	$(45,000.00)	$-	$(500.00)	$(44,500.00)
PRJ-20261100.01 - Employment Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(730,300.00)	$(730,300.00)	$2,799.44	$(183,194.91)	$(549,904.53)
PRJ-20261200.01 - Election Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.01 - Financial Audit | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20261300.02 - Budget Development | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$10,000.00	$10,000.00	$5,263.52	$-	$4,736.48
PRJ-20261300.05 - Fee Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$300.00	$-	$(300.00)
PRJ-20261300.06 - Financial Account Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261400.01 - Technology | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(23,100.00)	$(23,100.00)	$-	$(6,899.38)	$(16,200.62)
PRJ-20261500.01 - Public Notice and Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,800.00)	$(1,800.00)	$-	$(183.75)	$(1,616.25)
PRJ-20261500.02 - District Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261500.03 - GMA 15 Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261700.01 - Office Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(86,400.00)	$(86,400.00)	$-	$(29,528.17)	$(56,871.83)
PRJ-20261700.02 - General Legal Counsel Representation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$(1,954.84)	$(18,045.16)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20261900.01 - Digital Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261900.02 - Physical Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20262000.01 - General Groundwater Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20262100.01 - Promote Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.01 - Well Registration Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.02 - Production Permit Renewal Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,000.00)	$(2,000.00)	$-	$-	$(2,000.00)
PRJ-20263100.03 - Permit Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,500.00)	$(2,500.00)	$-	$-	$(2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,000.00)	$(1,000.00)	$-	$-	$(1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.07 - Permit Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20264100.01 - Drought Condition Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264100.02 - Water Level Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(1,185.54)	$(3,814.46)
PRJ-20264100.03 - Water Quality Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$-	$(5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$-	$(5,000.00)
PRJ-20264100.06 - Water Quality Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.08 - Monitoring Network Assessment and Improvement | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$(1,200.00)	$(8,800.00)
PRJ-20265000.01 - General Groundwater Policy | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20265100.01 - Management Plan Revisions | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.02 - Rule Amendments | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.03 - Legislative Support and Lobbying | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20266000.01 - General Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.01 - Well Inspections | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(30,500.00)	$(30,500.00)	$-	$-	$(30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20266100.04 - Well Plugging Sponsorship | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(1,622.50)	$(3,377.50)
PRJ-20267000.01 - General Groundwater Research | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20268100.01 - Regional Water Planning Participation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
GMA 15					
PRJ-20261300.04 - Interest Revenue Collection | Revenue | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$500.00	$500.00	$23.44	$-	$476.56
PRJ-20268100.03 - GMA 15 Administration | Expense | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$(46,700.00)	$(46,700.00)	$-	$-	$(46,700.00)
Grand Total	**$(989,700.00)**	**$(989,586.55)**	**$216,680.75**	**$(300,866.12)**	**$(905,401.18)**

Victoria County Groundwater Conservation District

Internal Financial Report

Reporting Period: January 2026

Sheet Index

Account	Institution	Fund	Account Type	Statement Reconciliation ID	Reported Ending Balance	Reported Yield / Rate
DDA-3881	Prosperity Bank	GMA 15	Demand Deposit Account	DDA-3881 : AS-20260131-04: DATE: 1/31/2026	$ 62,025.98	0.1500%
DDA-3566	Prosperity Bank	Operating	Demand Deposit Account	DDA-3566 : AS-20260131-03: DATE: 1/31/2026	$ 104,788.18	0.1500%
DDA-7120	Prosperity Bank	Operating	Demand Deposit Account	DDA-7120 : AS-20260131-01: DATE: 1/31/2026	$ 783,216.87	2.4800%
DDA-5242	Prosperity Bank	Reserve	Demand Deposit Account	DDA-5242 : AS-20260131-02: DATE: 1/31/2026	$ 2,638,676.49	2.7300%
TDA-0518	Prosperity Bank	Reserve	Time Deposit Account	TDA-0518 : AS-20251231-05: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0519	Prosperity Bank	Reserve	Time Deposit Account	TDA-0519 : AS-20251231-06: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0520	Prosperity Bank	Reserve	Time Deposit Account	TDA-0520 : AS-20251231-07: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-0521	Prosperity Bank	Reserve	Time Deposit Account	TDA-0521 : AS-20251231-08: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-2625	Prosperity Bank	Reserve	Time Deposit Account	TDA-2625 : AS-20260104-01: DATE: 1/31/2026	$ 172,388.15	3.2500%
TDA-2629	Prosperity Bank	Reserve	Time Deposit Account	TDA-2629 : AS-20260104-02: DATE: 1/31/2026	$ 172,555.44	3.2500%
TDA-2680	Prosperity Bank	Reserve	Time Deposit Account	TDA-2680 : AS-20260122-01: DATE: 1/31/2026	$ 174,256.83	3.3500%
TDA-2801	Prosperity Bank	Reserve	Time Deposit Account	TDA-2801 : AS-20260108-01: DATE: 1/31/2026	$ 277,923.41	2.8500%
TDA-2802	Prosperity Bank	Reserve	Time Deposit Account	TDA-2802 : AS-20260108-02: DATE: 1/31/2026	$ 277,923.41	2.8500%
PGFA-0001	TexPool	Reserve	Pooled Group Fund	PGFA-0001 : AS-20260131-05: DATE: 1/31/2026	$ 500.60	3.7200%
Total					**$ 5,759,003.28**	

Sheet Index

Institution	Type	CUSIP	Description	Safekeeping Location	Safekeeping Receipt	Credit Rating	Market Value
Prosperity Bank	FDIC Insurance - Demand Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	FDIC Insurance - Time Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	Pledged Collateral	3138WBAD7	FNMA #AS1803	FHLB		AAA	$ -
Prosperity Bank	Pledged Collateral	3128MMT86	FHLMC #G18574	FHLB		AAA	$ 575,901.25
Prosperity Bank	Pledged Collateral	3138WJAC2	FNMA #AS8102	FHLB		AAA	$ 477,288.70
Prosperity Bank	Pledged Collateral	3128MMVQ3	FNMA #G18622	FHLB		AAA	$ 632,988.67
Prosperity Bank	Pledged Collateral	3138WJN53	FNMA #AS8511	FHLB		AAA	$ 140,716.38
Prosperity Bank	Pledged Collateral	31418DXG2	FNMA #MA4278	FHLB		AAA	$ 583,088.62
Prosperity Bank	Pledged Collateral	3132J4HD4	FHLMS #G30927	FHLB		AAA	$ 424,255.08
Prosperity Bank	Pledged Collateral	31418D5F5	FNMA #MA4445	FHLB		AAA	$ 241,953.47
Prosperity Bank	Pledged Collateral	31418ECD0	FNMA #MS4567	FHLB		AAA	$ 174,879.78
Prosperity Bank	Pledged Collateral	31418EDH0	FNMA #MA4603	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3140Q8Z81	FNMA CRA #CA1666	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3138WFAL0	FNMA #AS5410	FHLB		AAA	$ 31,680.34
Prosperity Bank	Pledged Collateral	31307U2S6	FHLMC #J37985	FHLB		AAA	$ 168,857.66
Prosperity Bank	Pledged Collateral	3128MFKH0	FHLMC #G16396	FHLB		AAA	$ 35,917.26
Prosperity Bank	Pledged Collateral	3128MMX57	FHLMC #G18699	FHLB		AAA	$ 210,533.42
Prosperity Bank	Pledged Collateral	31417CWC5	FNMA #AB6042	FHLB		AAA	$ 186,843.60
Prosperity Bank	Pledged Collateral	31307BY79	FHLMC #J23434	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3132D6AC4	FR #SB8103	FHLB		AAA	$ 544,882.42
Prosperity Bank	Pledged Collateral	31418APY8	FNMA #MA1338	FHLB		AAA	$ 214,599.07
Prosperity Bank	Pledged Collateral	31418D4F6	FNMA #MA4421	FHLB		AAA	$ 424,065.32
Prosperity Bank	Pledged Collateral	3140LYQ30	FNMA #BT9473	FHLB		AAA	$ 130,298.94
Prosperity Bank	Pledged Collateral	3133KYVB2	FR #RB5110	FHLB		AAA	$ 635,308.42
Total							**$ 6,334,058.40**

Sheet Index

		Sum of Budget Amount
Budget Adoption	**$**	**(794,900.00)**
Reserve	$	1,900.00
Operating	$	(750,600.00)
GMA 15	$	(46,200.00)
Budget Carry Forward	**$**	**(194,800.00)**
Operating	$	(194,800.00)
Grand Total	**$**	**(989,700.00)**

Sheet Index

		Sum of Budget Amount
Budget Adoption	**$**	**(794,900.00)**
Reserve	**$**	**1,900.00**
1000 - Administration	$	884,900.00
3000 - Groundwater Management	$	(58,000.00)
4000 - Groundwater Monitoring	$	(625,000.00)
8000 - Groundwater Resource Planning	$	(200,000.00)
Operating	**$**	**(750,600.00)**
1000 - Administration	$	(608,600.00)
2000 - Groundwater Conservation	$	(10,000.00)
3000 - Groundwater Management	$	(24,000.00)
4000 - Groundwater Monitoring	$	(60,000.00)
5000 - Groundwater Policy	$	(11,000.00)
6000 - Groundwater Protection	$	(36,000.00)
7000 - Groundwater Research	$	-
8000 - Groundwater Resource Planning	$	(1,000.00)
GMA 15	**$**	**(46,200.00)**
1000 - Administration	$	500.00
8000 - Groundwater Resource Planning	$	(46,700.00)
Budget Carry Forward	**$**	**(194,800.00)**
Operating	**$**	**(194,800.00)**
3000 - Groundwater Management	$	(110,000.00)
4000 - Groundwater Monitoring	$	(84,800.00)
Grand Total	**$**	**(989,700.00)**

Sheet Index

	Sum of Budget Amount
Budget Adoption	**$ (794,900.00)**
Reserve	**$ 1,900.00**
PRJ-20261300.03 - Tax Revenue Collection	$ 757,900.00
PRJ-20261300.04 - Interest Revenue Collection	$ 127,000.00
PRJ-20261300.10 - Financial Account Management	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ (58,000.00)
PRJ-20264000.01 - General Groundwater Monitoring	$ (625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning	$ (200,000.00)
Operating	**$ (750,600.00)**
PRJ-20261000.01 - General Administration	$ -
PRJ-20261001.01 - Director Compensation Processing	$ (45,000.00)
PRJ-20261100.01 - Employment Coordination	$ (730,300.00)
PRJ-20261200.01 - Election Coordination	$ -
PRJ-20261300.01 - Financial Audit	$ (20,000.00)
PRJ-20261300.02 - Budget Development	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ (70,000.00)
PRJ-20261300.04 - Interest Revenue Collection	$ 10,000.00
PRJ-20261300.05 - Fee Revenue Collection	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -
PRJ-20261300.10 - Financial Account Management	$ -
PRJ-20261400.01 - Technology	$ (23,100.00)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ (1,800.00)
PRJ-20261500.02 - District Meeting Coordination	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -
PRJ-20261700.01 - Office Administration	$ (86,400.00)
PRJ-20261700.02 - General Legal Counsel Representation	$ (20,000.00)
PRJ-20261700.03 - GCD Support	$ 378,000.00
PRJ-20261900.01 - Digital Record Archiving	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ (10,000.00)
PRJ-20262100.01 - Promote Conservation	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ (17,500.00)
PRJ-20263100.01 - Well Registration Processing	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ (2,000.00)
PRJ-20263100.03 - Permit Processing	$ (2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing	$ (1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ (500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ (500.00)
PRJ-20263100.07 - Permit Report Processing	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ (20,000.00)

Sheet Index

	Sum of Budget Amount
PRJ-20264100.01 - Drought Condition Monitoring	$ -
PRJ-20264100.02 - Water Level Monitoring	$ (5,000.00)
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.05 - Water Level Assessment	$ (5,000.00)
PRJ-20264100.06 - Water Quality Assessment	$ -
PRJ-20264100.07 - Subsidence Assessment	$ (10,000.00)
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ (10,000.00)
PRJ-20265000.01 - General Groundwater Policy	$ -
PRJ-20265100.01 - Management Plan Revisions	$ (500.00)
PRJ-20265100.02 - Rule Amendments	$ (500.00)
PRJ-20265100.03 - Legislative Support and Lobbying	$ (10,000.00)
PRJ-20266000.01 - General Groundwater Protection	$ -
PRJ-20266100.01 - Well Inspections	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ (30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ (500.00)
PRJ-20266100.04 - Well Plugging Sponsorship	$ (5,000.00)
PRJ-20267000.01 - General Groundwater Research	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ (500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ (500.00)
GMA 15	**$ (46,200.00)**
PRJ-20261300.04 - Interest Revenue Collection	$ 500.00
PRJ-20268100.03 - GMA 15 Administration	$ (46,700.00)
Budget Carry Forward	**$ (194,800.00)**
Operating	**$ (194,800.00)**
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ (50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ (60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment	$ (54,600.00)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ (30,200.00)
Grand Total	**$ (989,700.00)**

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
GMA 15		
PRJ-20261300.04 - Interest Revenue Collection	$ 31.34	$ -
PRJ-20268100.03 - GMA 15 Administration	$ -	$ -
Operating		
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ -	$ -
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ -	$ -
PRJ-20254100.07 - Annual Water Quality Assessment	$ -	$ (25,666.80)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ -	$ (200.00)
PRJ-20261000.01 - General Administration	$ -	$ -
PRJ-20261001.01 - Director Compensation Processing	$ -	$ (1,000.00)
PRJ-20261100.01 - Employment Coordination	$ 2,799.44	$ (229,902.25)
PRJ-20261200.01 - Election Coordination	$ -	$ -
PRJ-20261300.01 - Financial Audit	$ -	$ -
PRJ-20261300.02 - Budget Development	$ -	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ -	$ (48,930.23)
PRJ-20261300.04 - Interest Revenue Collection	$ 6,902.99	$ -
PRJ-20261300.05 - Fee Revenue Collection	$ 500.00	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -	$ -
PRJ-20261300.10 - Financial Account Management	$ -	$ -
PRJ-20261400.01 - Technology	$ -	$ (10,536.93)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ -	$ (909.35)
PRJ-20261500.02 - District Meeting Coordination	$ -	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -	$ -
PRJ-20261700.01 - Office Administration	$ -	$ (42,458.13)
PRJ-20261700.02 - General Legal Counsel Representation	$ -	$ (12,903.26)
PRJ-20261700.03 - GCD Support	$ 71,986.62	$ -
PRJ-20261900.01 - Digital Record Archiving	$ -	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ -	$ -
PRJ-20262100.01 - Promote Conservation	$ -	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ 6,500.00	$ -
PRJ-20263100.01 - Well Registration Processing	$ -	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ -	$ -
PRJ-20263100.03 - Permit Processing	$ -	$ -
PRJ-20263100.04 - Groundwater Production Report Processing	$ -	$ -
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ -	$ -

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ -	$ -
PRJ-20263100.07 - Permit Report Processing	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20264100.01 - Drought Condition Monitoring	$ -	$ -
PRJ-20264100.02 - Water Level Monitoring	$ -	$ (2,655.59)
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ -	$ -
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ -	$ (1,200.00)
PRJ-20264100.05 - Water Level Assessment	$ -	$ -
PRJ-20264100.06 - Water Quality Assessment	$ -	$ -
PRJ-20264100.07 - Subsidence Assessment	$ -	$ -
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ -	$ (1,200.00)
PRJ-20265000.01 - General Groundwater Policy	$ -	$ -
PRJ-20265100.01 - Management Plan Revisions	$ -	$ -
PRJ-20265100.02 - Rule Amendments	$ -	$ -
PRJ-20265100.03 - Legislative Support and Lobbying	$ -	$ -
PRJ-20266000.01 - General Groundwater Protection	$ -	$ -
PRJ-20266100.01 - Well Inspections	$ -	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ -	$ -
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ -	$ -
PRJ-20266100.04 - Well Plugging Sponsorship	$ -	$ (3,926.25)
PRJ-20267000.01 - General Groundwater Research	$ -	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ -	$ -
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ -	$ -
Reserve		
PRJ-20261300.03 - Tax Revenue Collection	$ 487,440.56	$ -
PRJ-20261300.04 - Interest Revenue Collection	$ 42,201.68	$ -
PRJ-20261300.10 - Financial Account Management	$ 500.00	$ (500.00)
PRJ-20263000.01 - General Groundwater Permitting	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20268000.01 - General Groundwater Resource Planning	$ -	$ -
Grand Total	**$ 618,862.63**	**$ (381,988.79)**

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
Reserve					
PRJ-20261300.03 - Tax Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$757,900.00	$757,900.00	$487,440.56	$-	$270,459.44
PRJ-20263000.01 - General Groundwater Permitting | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(340,000.00)	$(340,000.00)	$-	$-	$(340,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$282,000.00	$282,000.00	$-	$-	$282,000.00
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$127,000.00	$127,000.00	$42,201.68	$-	$84,798.32
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(625,000.00)	$(625,000.00)	$-	$-	$(625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(200,000.00)	$(200,000.00)	$-	$-	$(200,000.00)
PRJ-20261300.10 - Financial Account Management | Fund Transfer | Reserve | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$500.00	$(500.00)	$-
Operating					
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses | Intera Cost Share - CSGC-GAM | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(50,000.00)	$(50,000.00)	$-	$-	$(50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties | Intera Cost Share - Brackish | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(60,000.00)	$(60,000.00)	$-	$-	$(60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment | Aquifer Condition Assessment - Water Quality Characterizations | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(54,600.00)	$(54,556.55)	$-	$(25,666.80)	$(28,889.75)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement | Aquifer Monitoring Well Network Development - Wellntell Pilot | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(30,200.00)	$(30,130.00)	$-	$(200.00)	$(29,930.00)
PRJ-20261300.03 - Tax Revenue Collection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$(48,930.23)	$(21,069.77)
PRJ-20261700.03 - GCD Support | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$378,000.00	$378,000.00	$71,986.62	$-	$306,013.38
PRJ-20263000.01 - General Groundwater Permitting | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$-	$(70,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$52,500.00	$52,500.00	$6,500.00	$-	$46,000.00
PRJ-20264100.05 - Water Level Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.05 - Water Level Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$15,000.00	$15,000.00	$-	$-	$15,000.00
PRJ-20264100.07 - Subsidence Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(40,000.00)	$(40,000.00)	$-	$-	$(40,000.00)
PRJ-20264100.07 - Subsidence Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$30,000.00	$30,000.00	$-	$-	$30,000.00
PRJ-20261000.01 - General Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261001.01 - Director Compensation Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(45,000.00)	$(45,000.00)	$-	$(1,000.00)	$(44,000.00)
PRJ-20261100.01 - Employment Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(730,300.00)	$(730,300.00)	$2,799.44	$(229,902.25)	$(503,197.19)
PRJ-20261200.01 - Election Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.01 - Financial Audit | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20261300.02 - Budget Development | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$10,000.00	$10,000.00	$6,902.99	$-	$3,097.01
PRJ-20261300.05 - Fee Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$500.00	$-	$(500.00)
PRJ-20261300.06 - Financial Account Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261400.01 - Technology | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(23,100.00)	$(23,100.00)	$-	$(10,536.93)	$(12,563.07)
PRJ-20261500.01 - Public Notice and Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,800.00)	$(1,800.00)	$-	$(909.35)	$(890.65)
PRJ-20261500.02 - District Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261500.03 - GMA 15 Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261700.01 - Office Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(86,400.00)	$(86,400.00)	$-	$(42,458.13)	$(43,941.87)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20261700.02 - General Legal Counsel Representation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$(12,903.26)	$(7,096.74)
PRJ-20261900.01 - Digital Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261900.02 - Physical Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20262000.01 - General Groundwater Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20262100.01 - Promote Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.01 - Well Registration Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.02 - Production Permit Renewal Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,000.00)	$(2,000.00)	$-	$-	$(2,000.00)
PRJ-20263100.03 - Permit Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,500.00)	$(2,500.00)	$-	$-	$(2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,000.00)	$(1,000.00)	$-	$-	$(1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.07 - Permit Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20264100.01 - Drought Condition Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264100.02 - Water Level Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(2,655.59)	$(2,344.41)
PRJ-20264100.03 - Water Quality Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$-	$(5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(1,200.00)	$(3,800.00)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.06 - Water Quality Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264100.08 - Monitoring Network Assessment and Improvement | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$(1,200.00)	$(8,800.00)
PRJ-20265000.01 - General Groundwater Policy | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20265100.01 - Management Plan Revisions | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.02 - Rule Amendments | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.03 - Legislative Support and Lobbying | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20266000.01 - General Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.01 - Well Inspections | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(30,500.00)	$(30,500.00)	$-	$-	$(30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20266100.04 - Well Plugging Sponsorship | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(3,926.25)	$(1,073.75)
PRJ-20267000.01 - General Groundwater Research | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20268100.01 - Regional Water Planning Participation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20261300.10 - Financial Account Management | Fund Transfer | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
GMA 15					
PRJ-20261300.04 - Interest Revenue Collection | Revenue | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$500.00	$500.00	$31.34	$-	$468.66
PRJ-20268100.03 - GMA 15 Administration | Expense | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$(46,700.00)	$(46,700.00)	$-	$-	$(46,700.00)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
Grand Total	**$(989,700.00)**	**$(989,586.55)**	**$618,862.63**	**$(381,988.79)**	**$(1,226,460.39)**

Victoria County Groundwater Conservation District

Internal Financial Report

Reporting Period: February 2026

Sheet Index

Account	Institution	Fund	Account Type	Statement Reconciliation ID	Reported Ending Balance	Reported Yield / Rate
DDA-3881	Prosperity Bank	GMA 15	Demand Deposit Account	DDA-3881 : AS-20260228-04: DATE: 2/28/2026	$ 62,033.12	0.1500%
DDA-3566	Prosperity Bank	Operating	Demand Deposit Account	DDA-3566 : AS-20260228-03: DATE: 2/28/2026	$ 60,720.04	0.1500%
DDA-7120	Prosperity Bank	Operating	Demand Deposit Account	DDA-7120 : AS-20260228-01: DATE: 2/28/2026	$ 784,689.56	2.4800%
DDA-5242	Prosperity Bank	Reserve	Demand Deposit Account	DDA-5242 : AS-20260228-02: DATE: 2/28/2026	$ 2,858,697.44	2.7400%
TDA-0518	Prosperity Bank	Reserve	Time Deposit Account	TDA-0518 : AS-20251231-05: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0519	Prosperity Bank	Reserve	Time Deposit Account	TDA-0519 : AS-20251231-06: DATE: 12/31/2025	$ 274,051.49	3.3500%
TDA-0520	Prosperity Bank	Reserve	Time Deposit Account	TDA-0520 : AS-20251231-07: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-0521	Prosperity Bank	Reserve	Time Deposit Account	TDA-0521 : AS-20251231-08: DATE: 12/31/2025	$ 273,322.47	3.2500%
TDA-2625	Prosperity Bank	Reserve	Time Deposit Account	TDA-2625 : AS-20260204-01: DATE: 2/28/2026	$ 172,863.99	3.2500%
TDA-2629	Prosperity Bank	Reserve	Time Deposit Account	TDA-2629 : AS-20260204-02: DATE: 2/28/2026	$ 173,031.74	3.2500%
TDA-2680	Prosperity Bank	Reserve	Time Deposit Account	TDA-2680 : AS-20260220-01: DATE: 2/28/2026	$ 174,768.62	3.3500%
TDA-2801	Prosperity Bank	Reserve	Time Deposit Account	TDA-2801 : AS-20260208-01: DATE: 2/28/2026	$ 278,596.14	2.8500%
TDA-2802	Prosperity Bank	Reserve	Time Deposit Account	TDA-2802 : AS-20260208-02: DATE: 2/28/2026	$ 278,596.14	2.8500%
PGFA-0001	TexPool	Reserve	Pooled Group Fund	PGFA-0001 : AS-20260228-05: DATE: 2/28/2026	$ 502.00	3.6800%
Total					**$ 5,939,246.71**	

Sheet Index

Institution	Type	CUSIP	Description	Safekeeping Location	Safekeeping Receipt	Credit Rating	Market Value
Prosperity Bank	FDIC Insurance - Demand Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	FDIC Insurance - Time Deposits	N/A	N/A	N/A		N/A	$ 250,000.00
Prosperity Bank	Pledged Collateral	3138WBAD7	FNMA #AS1803	FHLB		AAA	$ -
Prosperity Bank	Pledged Collateral	3128MMT86	FHLMC #G18574	FHLB		AAA	$ 563,286.05
Prosperity Bank	Pledged Collateral	3138WJAC2	FNMA #AS8102	FHLB		AAA	$ 471,315.35
Prosperity Bank	Pledged Collateral	3128MMVQ3	FNMA #G18622	FHLB		AAA	$ 624,471.50
Prosperity Bank	Pledged Collateral	3138WJN53	FNMA #AS8511	FHLB		AAA	$ 138,740.18
Prosperity Bank	Pledged Collateral	31418DXG2	FNMA #MA4278	FHLB		AAA	$ 582,154.91
Prosperity Bank	Pledged Collateral	3132J4HD4	FHLMS #G30927	FHLB		AAA	$ 426,744.17
Prosperity Bank	Pledged Collateral	31418D5F5	FNMA #MA4445	FHLB		AAA	$ 244,566.78
Prosperity Bank	Pledged Collateral	31418ECD0	FNMA #MS4567	FHLB		AAA	$ 174,125.47
Prosperity Bank	Pledged Collateral	31418EDH0	FNMA #MA4603	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3140Q8Z81	FNMA CRA #CA1666	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3138WFAL0	FNMA #AS5410	FHLB		AAA	$ 30,697.20
Prosperity Bank	Pledged Collateral	31307U2S6	FHLMC #J37985	FHLB		AAA	$ 166,331.07
Prosperity Bank	Pledged Collateral	3128MFKH0	FHLMC #G16396	FHLB		AAA	$ 35,400.90
Prosperity Bank	Pledged Collateral	3128MMX57	FHLMC #G18699	FHLB		AAA	$ 204,800.92
Prosperity Bank	Pledged Collateral	31417CWC5	FNMA #AB6042	FHLB		AAA	$ 173,228.21
Prosperity Bank	Pledged Collateral	31307BY79	FHLMC #J23434	FHLB		AAA	
Prosperity Bank	Pledged Collateral	3132D6AC4	FR #SB8103	FHLB		AAA	$ 542,396.91
Prosperity Bank	Pledged Collateral	31418APY8	FNMA #MA1338	FHLB		AAA	$ 213,906.32
Prosperity Bank	Pledged Collateral	31418D4F6	FNMA #MA4421	FHLB		AAA	$ 428,858.28
Prosperity Bank	Pledged Collateral	3140LYQ30	FNMA #BT9473	FHLB		AAA	$ 130,524.05
Prosperity Bank	Pledged Collateral	3133KYVB2	FR #RB5110	FHLB		AAA	$ 641,420.29
Prosperity Bank	Pledged Collateral	3133KYUP2	FR #RB5090	FHLB		AAA	$ 519,665.52
Total							**$ 6,812,634.08**

Sheet Index

		Sum of Budget Amount
Budget Adoption	**$**	**(794,900.00)**
Reserve	$	1,900.00
Operating	$	(750,600.00)
GMA 15	$	(46,200.00)
Budget Carry Forward	**$**	**(194,800.00)**
Operating	$	(194,800.00)
Grand Total	**$**	**(989,700.00)**

Sheet Index

		Sum of Budget Amount
Budget Adoption	**$**	**(794,900.00)**
Reserve	**$**	**1,900.00**
1000 - Administration	$	884,900.00
3000 - Groundwater Management	$	(58,000.00)
4000 - Groundwater Monitoring	$	(625,000.00)
8000 - Groundwater Resource Planning	$	(200,000.00)
Operating	**$**	**(750,600.00)**
1000 - Administration	$	(608,600.00)
2000 - Groundwater Conservation	$	(10,000.00)
3000 - Groundwater Management	$	(24,000.00)
4000 - Groundwater Monitoring	$	(60,000.00)
5000 - Groundwater Policy	$	(11,000.00)
6000 - Groundwater Protection	$	(36,000.00)
7000 - Groundwater Research	$	-
8000 - Groundwater Resource Planning	$	(1,000.00)
GMA 15	**$**	**(46,200.00)**
1000 - Administration	$	500.00
8000 - Groundwater Resource Planning	$	(46,700.00)
Budget Carry Forward	**$**	**(194,800.00)**
Operating	**$**	**(194,800.00)**
3000 - Groundwater Management	$	(110,000.00)
4000 - Groundwater Monitoring	$	(84,800.00)
Grand Total	**$**	**(989,700.00)**

Sheet Index

	Sum of Budget Amount
Budget Adoption	**$ (794,900.00)**
Reserve	**$ 1,900.00**
PRJ-20261300.03 - Tax Revenue Collection	$ 757,900.00
PRJ-20261300.04 - Interest Revenue Collection	$ 127,000.00
PRJ-20261300.10 - Financial Account Management	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ (58,000.00)
PRJ-20264000.01 - General Groundwater Monitoring	$ (625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning	$ (200,000.00)
Operating	**$ (750,600.00)**
PRJ-20261000.01 - General Administration	$ -
PRJ-20261001.01 - Director Compensation Processing	$ (45,000.00)
PRJ-20261100.01 - Employment Coordination	$ (730,300.00)
PRJ-20261200.01 - Election Coordination	$ -
PRJ-20261300.01 - Financial Audit	$ (20,000.00)
PRJ-20261300.02 - Budget Development	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ (70,000.00)
PRJ-20261300.04 - Interest Revenue Collection	$ 10,000.00
PRJ-20261300.05 - Fee Revenue Collection	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -
PRJ-20261300.10 - Financial Account Management	$ -
PRJ-20261400.01 - Technology	$ (23,100.00)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ (1,800.00)
PRJ-20261500.02 - District Meeting Coordination	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -
PRJ-20261700.01 - Office Administration	$ (86,400.00)
PRJ-20261700.02 - General Legal Counsel Representation	$ (20,000.00)
PRJ-20261700.03 - GCD Support	$ 378,000.00
PRJ-20261900.01 - Digital Record Archiving	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ (10,000.00)
PRJ-20262100.01 - Promote Conservation	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ (17,500.00)
PRJ-20263100.01 - Well Registration Processing	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ (2,000.00)
PRJ-20263100.03 - Permit Processing	$ (2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing	$ (1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ (500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ (500.00)
PRJ-20263100.07 - Permit Report Processing	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ (20,000.00)

Sheet Index

	Sum of Budget Amount
PRJ-20264100.01 - Drought Condition Monitoring	$ -
PRJ-20264100.02 - Water Level Monitoring	$ (5,000.00)
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ (5,000.00)
PRJ-20264100.05 - Water Level Assessment	$ (5,000.00)
PRJ-20264100.06 - Water Quality Assessment	$ -
PRJ-20264100.07 - Subsidence Assessment	$ (10,000.00)
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ (10,000.00)
PRJ-20265000.01 - General Groundwater Policy	$ -
PRJ-20265100.01 - Management Plan Revisions	$ (500.00)
PRJ-20265100.02 - Rule Amendments	$ (500.00)
PRJ-20265100.03 - Legislative Support and Lobbying	$ (10,000.00)
PRJ-20266000.01 - General Groundwater Protection	$ -
PRJ-20266100.01 - Well Inspections	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ (30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ (500.00)
PRJ-20266100.04 - Well Plugging Sponsorship	$ (5,000.00)
PRJ-20267000.01 - General Groundwater Research	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ (500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ (500.00)
GMA 15	**$ (46,200.00)**
PRJ-20261300.04 - Interest Revenue Collection	$ 500.00
PRJ-20268100.03 - GMA 15 Administration	$ (46,700.00)
Budget Carry Forward	**$ (194,800.00)**
Operating	**$ (194,800.00)**
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ (50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ (60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment	$ (54,600.00)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ (30,200.00)
Grand Total	**$ (989,700.00)**

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
GMA 15		
PRJ-20261300.04 - Interest Revenue Collection	$ 38.48	$ -
PRJ-20268100.03 - GMA 15 Administration	$ -	$ -
Operating		
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses	$ -	$ -
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties	$ -	$ -
PRJ-20254100.07 - Annual Water Quality Assessment	$ -	$ (46,845.00)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement	$ -	$ (400.00)
PRJ-20261000.01 - General Administration	$ -	$ -
PRJ-20261001.01 - Director Compensation Processing	$ -	$ (1,000.00)
PRJ-20261100.01 - Employment Coordination	$ 2,799.44	$ (275,096.61)
PRJ-20261200.01 - Election Coordination	$ -	$ -
PRJ-20261300.01 - Financial Audit	$ -	$ -
PRJ-20261300.02 - Budget Development	$ -	$ -
PRJ-20261300.03 - Tax Revenue Collection	$ -	$ (48,930.23)
PRJ-20261300.04 - Interest Revenue Collection	$ 8,387.48	$ -
PRJ-20261300.05 - Fee Revenue Collection	$ 500.00	$ -
PRJ-20261300.06 - Financial Account Coordination	$ -	$ -
PRJ-20261300.10 - Financial Account Management	$ -	$ -
PRJ-20261400.01 - Technology	$ 12.25	$ (15,305.57)
PRJ-20261500.01 - Public Notice and Meeting Coordination	$ -	$ (1,378.45)
PRJ-20261500.02 - District Meeting Coordination	$ -	$ -
PRJ-20261500.03 - GMA 15 Meeting Coordination	$ -	$ -
PRJ-20261700.01 - Office Administration	$ 6,869.80	$ (43,250.72)
PRJ-20261700.02 - General Legal Counsel Representation	$ -	$ (24,207.16)
PRJ-20261700.03 - GCD Support	$ 108,658.26	$ -
PRJ-20261900.01 - Digital Record Archiving	$ -	$ -
PRJ-20261900.02 - Physical Record Archiving	$ -	$ -
PRJ-20262000.01 - General Groundwater Conservation	$ -	$ -
PRJ-20262100.01 - Promote Conservation	$ -	$ -
PRJ-20263000.01 - General Groundwater Permitting	$ 6,500.00	$ -
PRJ-20263100.01 - Well Registration Processing	$ -	$ -
PRJ-20263100.02 - Production Permit Renewal Processing	$ -	$ -
PRJ-20263100.03 - Permit Processing	$ -	$ -
PRJ-20263100.04 - Groundwater Production Report Processing	$ -	$ -
PRJ-20263100.05 - Manage Investigations related to Permitting Violations	$ -	$ -

Sheet Index

Row Labels	Sum of Actual Credit Amount	Sum of Actual Debit Amount
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations	$ -	$ -
PRJ-20263100.07 - Permit Report Processing	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20264100.01 - Drought Condition Monitoring	$ -	$ -
PRJ-20264100.02 - Water Level Monitoring	$ -	$ (2,733.68)
PRJ-20264100.03 - Water Quality Aquifer Monitoring	$ -	$ -
PRJ-20264100.04 - Advanced Aquifer Monitoring	$ -	$ (1,200.00)
PRJ-20264100.05 - Water Level Assessment	$ -	$ -
PRJ-20264100.06 - Water Quality Assessment	$ -	$ -
PRJ-20264100.07 - Subsidence Assessment	$ -	$ -
PRJ-20264100.08 - Monitoring Network Assessment and Improvement	$ -	$ (1,200.00)
PRJ-20265000.01 - General Groundwater Policy	$ -	$ -
PRJ-20265100.01 - Management Plan Revisions	$ -	$ -
PRJ-20265100.02 - Rule Amendments	$ -	$ -
PRJ-20265100.03 - Legislative Support and Lobbying	$ -	$ -
PRJ-20266000.01 - General Groundwater Protection	$ -	$ -
PRJ-20266100.01 - Well Inspections	$ -	$ -
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection	$ -	$ -
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection	$ -	$ -
PRJ-20266100.04 - Well Plugging Sponsorship	$ -	$ (7,575.00)
PRJ-20267000.01 - General Groundwater Research	$ -	$ -
PRJ-20268100.01 - Regional Water Planning Participation	$ -	$ -
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle	$ -	$ -
Reserve		
PRJ-20261300.03 - Tax Revenue Collection	$ 701,662.81	$ -
PRJ-20261300.04 - Interest Revenue Collection	$ 50,811.17	$ -
PRJ-20261300.10 - Financial Account Management	$ 500.00	$ (500.00)
PRJ-20263000.01 - General Groundwater Permitting	$ -	$ -
PRJ-20264000.01 - General Groundwater Monitoring	$ -	$ -
PRJ-20268000.01 - General Groundwater Resource Planning	$ -	$ -
Grand Total	**$ 886,739.69**	**$ (469,622.42)**

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
Reserve					
PRJ-20261300.03 - Tax Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$757,900.00	$757,900.00	$701,662.81	$-	$56,237.19
PRJ-20263000.01 - General Groundwater Permitting | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(340,000.00)	$(340,000.00)	$-	$-	$(340,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$282,000.00	$282,000.00	$-	$-	$282,000.00
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Reserve | Budget Adoption | 20250815 | Budget Adoption	$127,000.00	$127,000.00	$50,811.17	$-	$76,188.83
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(625,000.00)	$(625,000.00)	$-	$-	$(625,000.00)
PRJ-20268000.01 - General Groundwater Resource Planning | Expense | Reserve | Budget Adoption | 20250815 | Budget Adoption	$(200,000.00)	$(200,000.00)	$-	$-	$(200,000.00)
PRJ-20261300.10 - Financial Account Management | Fund Transfer | Reserve | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$500.00	$(500.00)	$-
Operating					
PRJ-20253100.08 - Draft CSGC-GAM Evaluation for GCD Uses | Intera Cost Share - CSGC-GAM | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(50,000.00)	$(50,000.00)	$-	$-	$(50,000.00)
PRJ-20253100.09 - Brackish Groundwater Assessment for Calhoun, Refugio, and Jackson Counties | Intera Cost Share - Brackish | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(60,000.00)	$(60,000.00)	$-	$-	$(60,000.00)
PRJ-20254100.07 - Annual Water Quality Assessment | Aquifer Condition Assessment - Water Quality Characterizations | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(54,600.00)	$(54,556.55)	$-	$(46,845.00)	$(7,711.55)
PRJ-20254100.08 - Monitoring Network Assessment and Improvement | Aquifer Monitoring Well Network Development - Wellntell Pilot | Operating | Budget Carry Forward | 20240912 | Budget Carry Forward	$(30,200.00)	$(30,130.00)	$-	$(400.00)	$(29,730.00)
PRJ-20261300.03 - Tax Revenue Collection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$(48,930.23)	$(21,069.77)
PRJ-20261700.03 - GCD Support | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$378,000.00	$378,000.00	$108,658.26	$-	$269,341.74
PRJ-20263000.01 - General Groundwater Permitting | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(70,000.00)	$(70,000.00)	$-	$-	$(70,000.00)
PRJ-20263000.01 - General Groundwater Permitting | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$52,500.00	$52,500.00	$6,500.00	$-	$46,000.00
PRJ-20264100.05 - Water Level Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.05 - Water Level Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$15,000.00	$15,000.00	$-	$-	$15,000.00
PRJ-20264100.07 - Subsidence Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(40,000.00)	$(40,000.00)	$-	$-	$(40,000.00)
PRJ-20264100.07 - Subsidence Assessment | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$30,000.00	$30,000.00	$-	$-	$30,000.00
PRJ-20261000.01 - General Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261001.01 - Director Compensation Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(45,000.00)	$(45,000.00)	$-	$(1,000.00)	$(44,000.00)
PRJ-20261100.01 - Employment Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(730,300.00)	$(730,300.00)	$2,799.44	$(275,096.61)	$(458,002.83)
PRJ-20261200.01 - Election Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.01 - Financial Audit | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20261300.02 - Budget Development | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261300.04 - Interest Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$10,000.00	$10,000.00	$8,387.48	$-	$1,612.52
PRJ-20261300.05 - Fee Revenue Collection | Revenue | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$500.00	$-	$(500.00)
PRJ-20261300.06 - Financial Account Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261400.01 - Technology | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(23,100.00)	$(23,100.00)	$12.25	$(15,305.57)	$(7,806.68)
PRJ-20261500.01 - Public Notice and Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,800.00)	$(1,800.00)	$-	$(1,378.45)	$(421.55)
PRJ-20261500.02 - District Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261500.03 - GMA 15 Meeting Coordination | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261700.01 - Office Administration | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(86,400.00)	$(86,400.00)	$6,869.80	$(43,250.72)	$(50,019.08)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20261700.02 - General Legal Counsel Representation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$(24,207.16)	$4,207.16
PRJ-20261900.01 - Digital Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20261900.02 - Physical Record Archiving | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20262000.01 - General Groundwater Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20262100.01 - Promote Conservation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.01 - Well Registration Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20263100.02 - Production Permit Renewal Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,000.00)	$(2,000.00)	$-	$-	$(2,000.00)
PRJ-20263100.03 - Permit Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(2,500.00)	$(2,500.00)	$-	$-	$(2,500.00)
PRJ-20263100.04 - Groundwater Production Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(1,000.00)	$(1,000.00)	$-	$-	$(1,000.00)
PRJ-20263100.05 - Manage Investigations related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.06 - Manage Enforcement Cases related to Permitting Violations | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20263100.07 - Permit Report Processing | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264000.01 - General Groundwater Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(20,000.00)	$(20,000.00)	$-	$-	$(20,000.00)
PRJ-20264100.01 - Drought Condition Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264100.02 - Water Level Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(2,733.68)	$(2,266.32)
PRJ-20264100.03 - Water Quality Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$-	$(5,000.00)
PRJ-20264100.04 - Advanced Aquifer Monitoring | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(1,200.00)	$(3,800.00)

Sheet Index

	Sum of Net Approved				
	Budget - Amount	Encumbrance Amount	Credits - Actual	Debits - Actual	Encumbrance - Outstanding
PRJ-20264100.06 - Water Quality Assessment | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20264100.08 - Monitoring Network Assessment and Improvement | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$(1,200.00)	$(8,800.00)
PRJ-20265000.01 - General Groundwater Policy | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20265100.01 - Management Plan Revisions | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.02 - Rule Amendments | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20265100.03 - Legislative Support and Lobbying | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(10,000.00)	$(10,000.00)	$-	$-	$(10,000.00)
PRJ-20266000.01 - General Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.01 - Well Inspections | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20266100.02 - Manage Investigations related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(30,500.00)	$(30,500.00)	$-	$-	$(30,500.00)
PRJ-20266100.03 - Manage Enforcement Cases related to Groundwater Protection | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20266100.04 - Well Plugging Sponsorship | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(5,000.00)	$(5,000.00)	$-	$(7,575.00)	$2,575.00
PRJ-20267000.01 - General Groundwater Research | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
PRJ-20268100.01 - Regional Water Planning Participation | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20268100.02 - GMA 15 Joint Planning for 4th Planning Cycle | Expense | Operating | Budget Adoption | 20250815 | Budget Adoption	$(500.00)	$(500.00)	$-	$-	$(500.00)
PRJ-20261300.10 - Financial Account Management | Fund Transfer | Operating | Budget Adoption | 20250815 | Budget Adoption	$-	$-	$-	$-	$-
GMA 15					
PRJ-20261300.04 - Interest Revenue Collection | Revenue | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$500.00	$500.00	$38.48	$-	$461.52
PRJ-20268100.03 - GMA 15 Administration | Expense | GMA 15 | Budget Adoption | 20250815 | Budget Adoption	$(46,700.00)	$(46,700.00)	$-	$-	$(46,700.00)

Sheet Index

	Sum of Net Approved Budget - Amount	Sum of Net Approved Encumbrance Amount	Sum of Net Approved Credits - Actual	Sum of Net Approved Debits - Actual	Sum of Net Approved Encumbrance - Outstanding
Grand Total	**$(989,700.00)**	**$(989,586.55)**	**$886,739.69**	**$(469,622.42)**	**$(1,406,703.82)**