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AGENDA ITEM MEMO

BOARD MEETING DATE: June 25, 2026

TO: Board Members

THROUGH: Bryan McMath, Executive Administrator
Ashley Harden, General Counsel
Georgia Sanchez, Chief Financial Officer
John T. Dupnik, P.G., Deputy Executive Administrator, Water Science & Conservation

FROM: Robert G. Bradley, P.G., Manager, Groundwater Technical Assistance
Natalie Ballew, P.G., Director, Groundwater

SUBJECT: Fiscal Years 2026 and 2027 Groundwater Science, Research, and Data Collection Grants

ACTION REQUESTED

Consider authorizing the Executive Administrator to execute grant agreements for fiscal year 2026 and 2027 Groundwater Science, Research, and Data Collection Grants.

BACKGROUND

Pursuant to Section 17.25 of Senate Bill 1, enacted by the 89th Texas Legislature during its Regular Session, the Legislature appropriated funding and resources to the Texas Water Development Board (TWDB) for fiscal years 2026 and 2027 (\$3.75 million each fiscal year for a total of \$7.5 million for the biennium). The funds must be used to provide grants to groundwater conservation districts to conduct projects or programs for groundwater research, science, and data collection that benefit local groundwater management and planning. A portion of the funds are reserved for two full-time equivalent (FTE) positions to administer the program.

The TWDB intends to award up to \$3.53 million in grants during Fiscal Year 2026 to support eligible groundwater-related research and data initiatives that enhance the best available science used by groundwater conservation districts for effective groundwater management and planning. Fiscal Year 2027 awards may total slightly more than \$3.53 million, pending filling the two temporary FTE positions and the remaining availability of funds not needed for those positions.

Our Mission

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

Board Members

L'Oreal Stepney, P.E., Chairwoman | W. Brady Franks, Board Member | Ashley Morgan, Board Member
Bryan McMath, Executive Administrator

Two award categories were featured for this funding opportunity. Category 1 includes groundwater research and science, and Category 2 includes groundwater data collection. The primary goal of Category 1 is to further best available science in the state and support the implementation of effective groundwater management and planning. The primary goal of Category 2 is to enhance the collection, quality, and availability of groundwater data used by groundwater conservation districts and the TWDB to improve the understanding of local groundwater conditions and support effective groundwater resource management and planning within a district and across the state.

KEY ISSUES

A request for applications was published on the TWDB website and distributed to eligible applicants via email on January 16, 2026, and applications were accepted through March 13, 2026. The TWDB received 47 applications requesting a total of \$8,676,992 in grant funding. A technical review panel reviewed and ranked the applications according to eligibility requirements and scoring criteria as outlined in the grant guidelines. The ranking considers administrative requirements, how the project benefits local and statewide groundwater management and planning, the applicant's capacity and commitment to carry out the project, the technical approach and feasibility, the financial plan and cost justification, and the overall impact and value of the project.

The response to the solicitations was highly competitive, resulting in a substantial number of projects exceeding availability funding for Fiscal Year 2026. Consistent with the grant guidelines and information shared in the information session hosted for eligible applicants, which indicated that the TWDB would evaluate the need for additional application rounds after assessing initial demand, staff determined that a second solicitation is not necessary because the initial application pool provided sufficient high-quality, eligible projects under both project categories to fully obligate available funding across the biennium.

Individual grant award recommendations were constrained by program requirements, including minimum and maximum award amounts and overall biennial funding limits. In accordance with the guidelines, some projects were recommended for partial funding where doing so maximized the number of high-value projects while remaining within available appropriations. Funding recommendations strictly followed the competitive scoring and ranking process outlined in the guidelines, ensuring that awards are merit-based and aligned with program priorities.

Staff recommend funding 19 projects, totaling \$3,507,885.00, using Fiscal Year 2026 funding and 24 projects, totaling \$3,564,449.00, using Fiscal Year 2027 funding.¹ Table 1 shows the applicants recommended for awards in Fiscal Year 2026, the amount requested, and the grant funding recommendation. Higher-ranked projects were prioritized for Fiscal Year 2026, while additional eligible projects are recommended for Fiscal Year 2027. Table 2

¹ Following grant agreement negotiations and onboarding the program's temporary FTEs, staff will reassess the availability of remaining funds. If additional funding capacity is identified, staff may return to the Board with recommendations to allocate additional funds to eligible tasks that were partially funded under the initial awards or may conduct a limited second solicitation and bring additional recommendations to the Board to ensure full utilization of available appropriations and alignment with program priorities.

shows the same information for applicants recommended for awards in Fiscal Year 2027. Attachment 1 contains summaries of the recommended projects and Attachment 2 contains additional information on all applications received.

Table 1. TWDB funding recommendations for Fiscal Year 2026 Groundwater Science, Research, and Data Collection Grants.

Applicant	Amount Requested	Funding Recommendation
Category 1: Groundwater Research and Science		
Central Texas GCD	\$112,100.00	\$112,100.00
Comal Trinity GCD	\$80,000.00	\$80,000.00
Middle Trinity GCD	\$140,862.00	\$140,862.00
Mid-East Texas GCD	\$274,089.00	\$274,089.00
North Plains GCD	\$158,051.00	\$158,051.00
Panhandle GCD	\$148,297.78	\$148,297.00
Post Oak Savannah GCD	\$300,000.00	\$15,000.00
Victoria Country GCD	\$231,000.00	\$158,500.00
Category 2: Groundwater Data Collection		
Bandera County RAGCD	\$300,000.00	\$300,000.00
Brazos Valley GCD	\$300,000.00	\$254,741.00
Hays Trinity GCD	\$239,000.00	\$208,000.00
Lower Trinity GCD	\$264,000.00	\$199,387.00
Menard County UWD	\$300,000.00	\$300,000.00
Mesquite GCD	\$133,664.00	\$133,664.00
Pineywoods GCD	\$62,068.00	\$62,068.00
Prairielands GCD	\$300,000.00	\$300,000.00
Rolling Plains GCD	\$287,173.00	\$287,173.00
Southwestern Travis County GCD	\$274,712.59	\$274,712.00
Trinity Glen Rose GCD	\$101,241.00	\$101,241.00
	\$4,006,258.37	\$3,507,885.00

GCD = Groundwater Conservation District
RAGCD = River Authority & Groundwater Conservation District
UWD = Underground Water District

Table 2. TWDB funding recommendations for Fiscal Year 2027 Groundwater Science, Research, and Data Collection Grants.

Applicant	Amount Requested	Funding Recommendation
Category 1: Groundwater Research and Science		
Barton Springs-Edwards Aquifer CD	\$298,000.00	\$298,000.00
Brush Country GCD	\$299,591.00	\$245,983.00
Goliad County GCD	\$300,000.00	\$169,000.00
Gonzales County UWCD	\$248,632.00	\$248,632.00
Hemphill County UWCD	\$148,000.00	\$148,000.00
Hill Country UWCD	\$178,000.00	\$178,000.00
Neches & Trinity Valleys GCD	\$298,710.00	\$298,710.00
Permian Basin UWCD	\$50,000.00	\$50,000.00
Southeast Texas GCD	\$205,467.00	\$122,981.00
Category 2: Groundwater Data Collection		
Blanco Pedernales GCD	\$180,000.00	\$180,000.00
Brazoria County GCD	\$225,000.00	\$225,000.00
Clearwater UWCD	\$205,221.50	\$205,221.00
Colorado County GCD	\$60,000.00	\$60,000.00
Evergreen UWCD	\$300,000.00	\$83,626.00
Fayette County GCD	\$140,700.00	\$77,385.00
Gateway GCD	\$52,718.00	\$28,994.00
Headwaters GCD	\$70,185.00	\$70,185.00
Kimble County GCD	\$111,500.00	\$111,500.00
Kinney County GCD	\$170,000.00	\$170,000.00
Lipan-Kickapoo WCD	\$83,531.51	\$41,765.00
Lone Star GCD	\$136,827.42	\$136,827.00
Lost Pines GCD	\$50,000.00	\$50,000.00
Upper Trinity GCD	\$300,000.00	\$300,000.00
Wintergarden GCD	\$64,640.00	\$64,640.00
	\$4,274,703.43	\$3,564,449.00

CD = Conservation District
GCD = Groundwater Conservation District
RAGCD = River Authority & Groundwater Conservation District
UWD = Underground Water District
UWCD = Underground Water Conservation District
WCD = Water Conservation District

RECOMMENDATION

The recommended projects benefit local groundwater management and planning and the statewide groundwater science, data, and modeling objectives of the TWDB. The Executive Administrator recommends approval of this item.

Attachments:

1. Summaries of recommended projects
2. List of all applications

Bandera County River Authority & Groundwater Conservation District
Development of a Real-Time Groundwater Monitoring Network and Hydrogeological
Database – Bandera County

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$107,000.00
Total Project Cost:	\$407,000.00
TWDB Funding Recommendation:	\$300,000.00
Fiscal Year:	2026

Recommendation: Funding (\$300,000.00) for entire scope of work.

Short project description: This project expands and modernizes groundwater monitoring and data infrastructure in Bandera County to improve the availability and quality of groundwater data. The working includes purchasing and installing continuous monitoring equipment at 15 monitoring sites to increase continuous monitoring coverage across the District's network. It will also construct two paired monitoring well sites completed in the Middle and Lower Trinity aquifers to improve understanding of vertical hydraulic gradients. In parallel, the project will develop a database that integrates lithologic logs, well construction data, and continuous water level records for approximately 100 wells. The database will support cross-sectional analysis, potentiometric surface mapping, and standardized data reporting. Results will improve groundwater management decisions within the District and provide a technical foundation for desired future condition evaluations in Groundwater Management Area 9. Results will also provide additional data to support statewide data systems, aquifer characterization, and groundwater availability model updates.

Barton Springs-Edwards Aquifer Conservation District
Trinity Aquifer Numerical Groundwater Model

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$298,000.00
Supplemental Funding:	\$7,000.00
Total Project Cost:	\$305,000.00
TWDB Funding Recommendation:	\$298,000.00
Fiscal Year:	2027

Recommendation: Funding (\$298,000.00) for entire scope of work.

Short project description: This project develops a local numerical groundwater model to support groundwater management in Hays and southwestern Travis counties. Work includes using MODFLOW 6 to simulate groundwater flow, springflow, and water level response under varying conditions. The model will be constructed as a refined, compatible version of the existing TWDB groundwater availability model for the southern portion of the Trinity Aquifer, incorporating updated hydrogeologic data. The model will support local groundwater management decisions by allowing evaluation of localized groundwater impacts that cannot be evaluated by regional models. Results will inform permitting and management decisions for the District and will provide refined datasets and modeling inputs that enhance statewide groundwater availability modeling and aquifer understanding.

Blanco-Pedernales Groundwater Conservation District

Borehole Geophysical Log Interpretation and Cross Section Tool Database Application for
Edwards-Trinity Aquifer Characterization

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$180,000.00
Supplemental Funding:	\$18,000.00
Total Project Cost:	\$198,000.00
TWDB Funding Recommendation:	\$180,000.00
Fiscal Year:	2027

Recommendation: Funding (\$180,000.00) for entire scope of work.

Short project description: This project compiles, digitizes, and interprets about 200 borehole geophysical logs from mixed formats (hard-copied and electronic) collected by the District within Blanco County. The logs will be standardized and incorporated into a unified geospatial database to support aquifer characterization. The project will include interpretation of lithology, calculation of saturated thickness, and development of cross-sectional visualization tools. This work will improve the quality and accessibility of hydrogeologic data for both local and statewide applications. The resulting database will support efficient data access and analysis for groundwater management decisions and will provide additional datasets for statewide integration and groundwater availability model updates.

Brazoria County Groundwater Conservation District
Comprehensive Groundwater Characterization Study

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$225,000.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$225,000.00
TWDB Funding Recommendation:	\$225,000.00
Fiscal Year:	2027

Recommendation: Funding (\$225,000.00) for entire scope of work.

Short project description: This project develops a comprehensive groundwater characterization for Brazoria County by compiling and analyzing existing and newly available hydrogeologic data. Tasks include evaluation of aquifer structure and lithology, inventorying core samples, potentiometric surface mapping, compiling aquifer hydraulic properties, water chemistry characterization, and standardizing subsidence datasets for evaluation. The effort will focus on building an integrated conceptual framework for aquifer conditions across the county. Results will support improved management decisions within the district and contribute to statewide groundwater datasets, aquifer characterization efforts, and groundwater availability model updates.

Brazos Valley Groundwater Conservation District**Expansion of the Brazos Valley Groundwater Conservation District Groundwater Monitoring Network****Category 2: Groundwater Data Collection**

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$40,251.24
Total Project Cost:	\$340,251.24
TWDB Funding Recommendation:	\$254,741.00
Fiscal Year:	2026

Recommendation: Funding for part of Task 1 and all of Tasks 2 through 6 (\$254,741.00).

Short project description: This project modernizes the District's groundwater monitoring network by installing sensors, pressure transducers, and telemetry systems in selected wells in the Simsboro aquifer and Brazos River Alluvium Aquifer in Brazos and Robertson counties. Task 1 (partially funded) includes equipment purchases and Tasks 2 through 6 include installation of monitoring equipment selected wells, drilling a monitoring well in the Simsboro aquifer, and building upon the District's existing database to collect and disseminate continuous water level data. The improved data collection and data system will enhance the District's ability to track aquifer conditions and achievement of desired future conditions, respond to mitigation requests, and communicate with stakeholders. Results will provide enhanced real-time datasets for statewide data integration and groundwater availability model updates.

Brush Country Groundwater Conservation District
 Northeast Jim Wells County Aquifer Drawdown and Subsidence Study

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$299,591.00
Supplemental Funding:	\$50,000.00
Total Project Cost:	\$349,591.00
TWDB Funding Recommendation:	\$245,983.00
Fiscal Year:	2027

Recommendation: Funding (\$245,983.00) for Tasks 1 through 4, part of Task 5, and Tasks 6 through 9.

Short project description: This project establishes baseline groundwater data (water levels, water quality, and subsidence) in northeastern Jim Wells County to support informed groundwater management. Tasks 1 through 4 include selecting monitoring sites, coordinating with local landowners on site selection, and summarizing the hydrostratigraphic framework in the area. Task 5 (partially funded) includes equipment purchases. Tasks 6 through 9 include well drilling, installation of monitoring equipment, integration of data into the District's existing data management system, and reporting on water level and subsidence monitoring datasets and other information collected during the project. The combined datasets will allow evaluation of aquifer response to groundwater withdrawals. The project will also provide information on groundwater quality and stratigraphy. Results will improve District decision-making and provide foundational datasets for statewide groundwater data integration and aquifer characterization.

Central Texas Groundwater Conservation District

Hydrogeologic Characterization of the Sycamore (Lower Trinity) aquifer, Burnet County,
Texas

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$112,100.00
Supplemental Funding:	\$59,796.00
Total Project Cost:	\$171,896.00
TWDB Funding Recommendation:	\$112,100.00
Fiscal Year:	2026

Recommendation: Funding (\$112,100.00) for entire scope of work.

Short project description: This project refines the hydrogeologic characterization of the Sycamore (Lower Trinity) aquifer in Burnet County by integrating new and existing datasets, with an emphasis on understanding and protecting springs such as Krause Springs. The project will focus on groundwater flow behavior and interactions with surface features. The project includes developing a geologic framework and springflow evaluation based on existing and new data collected for the project; characterizing aquifer hydrogeology, water quality, and water budgets; and developing an improved conceptual model of the groundwater flow system. Results will reduce uncertainty in aquifer conditions and support groundwater management decisions within the District. Results will also contribute to improved aquifer characterization and statewide modeling efforts.

Clearwater Underground Water Conservation District

Integrated Production and Water Level Monitoring for Desired Future Condition Trend
Analysis

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$205,221.50
Supplemental Funding:	\$10,880.00
Total Project Cost:	\$216,101.50
TWDB Funding Recommendation:	\$205,221.00
Fiscal Year:	2027

Recommendation: Funding (\$205,221.00) for entire scope of work.

Short project description: This project expands continuous groundwater monitoring in Bell County by installing flow meters at production wells and integrating pumping data with continuous water level monitoring. The data will be collected in real time and incorporated into the District’s data management system. Analytical tools will be used to evaluate trends and aquifer response to pumping. The project will improve understanding of groundwater production impacts. Results will enhance decision-making, support the District in tracking achievement of desired future conditions, and provide valuable data for long-term planning. Results will also provide integrated datasets for statewide data systems and groundwater availability model updates.

Colorado County Groundwater Conservation District
Exempt Groundwater Usage Study

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$60,000.00
Supplemental Funding:	\$6,837.00
Total Project Cost:	\$66,837.00
TWDB Funding Recommendation:	\$60,000.00
Fiscal Year:	2027

Recommendation: Funding (\$60,000.00) for entire scope of work.

Short project description: This project quantifies groundwater use from wells exempt from District permitting requirements in Colorado County. The district has observed increased aquifer drawdowns in areas with only exempt production. The project includes purchasing and installing water meters on 60 volunteer wells. The collected data will be used to estimate total exempt pumping across the District and can help provide a better estimate of exempt production in neighboring districts. This effort provides a direct measurement-based approach to a key data gap and addresses uncertainty associated with current usage estimates. Results will support improved groundwater budgeting and planning by the District. Results will also improve statewide non-surveyed water use estimates and pumping inputs required for groundwater availability model updates.

Comal Trinity Groundwater Conservation District

Quantification of Direct Recharge to the Middle Trinity Aquifer from the Guadalupe River,
Comal County, Texas

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$80,000.00
Supplemental Funding:	\$60,000.00
Total Project Cost:	\$140,000.00
TWDB Funding Recommendation:	\$80,000.00
Fiscal Year:	2026

Recommendation: Funding (\$80,000.00) for entire scope of work.

Short project description: This project quantifies recharge to the Middle Trinity aquifer from the Guadalupe River in western Comal County to address a critical data gap in current groundwater analysis. Work will build on prior flow measurements by conducting additional streamflow monitoring, gain/loss surveys, geophysical logging, a spring inventory, and hydrogeologic analysis to better define the magnitude and variability of river losses to the aquifer. The project will evaluate recharge processes, including both focused recharge through stream channels and diffuse recharge through surrounding formations. Data collected will be used to refine estimates of groundwater inflows that are not currently accounted for in existing groundwater availability models. The resulting dataset will improve understanding of groundwater and surface water interactions in the region and provide critical datasets for statewide groundwater availability model updates and groundwater-surface water interaction studies.

Evergreen Underground Water Conservation District
Carrizo Aquifer Characterization and Monitoring Well Equipment

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$150,000.00
Total Project Cost:	\$450,000.00
TWDB Funding Recommendation:	\$83,626.00
Fiscal Year:	2027

Recommendation: Funding (\$83,626.00) for part of Task 2 and all of Task 4.

Short project description: This project includes construction and instrumentation of a monitoring well to characterize the aquifers in Frio, Atascosa, Wilson, and Karnes counties. Task 2 (partially funded) includes equipment purchases (water quality probes and continuous monitoring equipment). Task 4 includes an extensive synoptic survey of water levels and water quality parameters, focusing on the Carrizo-Wilcox and Gulf Coast aquifers. Tasks 1 and 3 (not recommended for funding) in the project proposal include planning, design, drilling, and installation of a new monitoring well in the Carrizo Aquifer and Task 5 (not recommended for funding) includes mapping and analysis of aquifer conditions. Results will support the District in tracking achievement of desired future conditions and identifying critical management zone policies. Results will also provide datasets for statewide data integration and groundwater availability model updates.

Fayette County Groundwater Conservation District

Fayette County Groundwater Conservation District Groundwater Monitoring Hardware Upgrade

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$140,700.00
Supplemental Funding:	\$3,500.00
Total Project Cost:	\$144,200.00
TWDB Funding Recommendation:	\$77,385.00
Fiscal Year:	2027

Recommendation: Funding (\$77,385.00) for half of equipment and tasks in scope of work.

Short project description: This project upgrades the District's groundwater monitoring infrastructure by installing continuous monitoring equipment. The project includes replacing outdated monitoring devices with upgraded continuous monitoring devices and installing devices at new monitoring sites. These equipment purchases will improve the efficiency and frequency of data collection and expand spatial coverage of monitoring sites in the District. The project also includes replacement of a downhole camera to support well inspections and data collection efforts. Continuous and remotely transmitted water level data will improve the reliability and timeliness of groundwater measurements. The enhanced monitoring network will support the District in tracking achievement of desired future conditions. Results will also provide improved datasets for statewide data integration and groundwater availability model updates.

Gateway Groundwater Conservation District
Continuous Water Level Monitoring Equipment

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$52,718.00
Supplemental Funding:	\$9,000.00
Total Project Cost:	\$61,718.00
TWDB Funding Recommendation:	\$28,994.00
Fiscal Year:	2027

Recommendation: Funding (\$28,994.00) for half of equipment and tasks in scope of work.

Short project description: This project expands groundwater monitoring in the District (Hardeman, Childress, Cottle, Foard, King and Motley counties) through installation of continuous monitoring equipment and drilling of new monitoring wells. The work includes well evaluation and equipment purchase and installation in addition to continuous water level data collection and reporting. Results will improve aquifer monitoring and management decisions within the District and contribute to statewide groundwater datasets and groundwater availability model updates.

Goliad County Groundwater Conservation District
Goliad County Local Conceptual Groundwater Model Development

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$22,500.00
Total Project Cost:	\$3322,500.00
TWDB Funding Recommendation:	\$169,000.00
Fiscal Year:	2027

Recommendation: Funding (\$169,000.00) for Phase 1.

Short project description: Phase 1 (recommended for funding) of this project includes developing a conceptual model of hydrogeology in Goliad County. Conceptual model development entails compiling data, refining aquifer structure and stratigraphy, collecting aquifer property data, and refining additional datasets (water levels, recharge and evapotranspiration, and pumping). The project proposal also includes developing a local-scale groundwater model for Goliad County, which is not recommended for funding. Phases 2 and 3 (not recommended for funding) include developing a local numerical groundwater model and training district staff on using the model. Results of Phase 1 will provide a refined hydrogeological understanding to support groundwater management and permitting decisions within the district. Results of Phase 1 will also provide refined inputs to statewide groundwater availability model updates.

Gonzales County Underground Water Conservation District

Development of a MODFLOW 6-Compatible Groundwater Permitting Model for Gonzales County Underground Water Conservation District

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$248,632.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$248,632.00
TWDB Funding Recommendation:	\$248,632.00
Fiscal Year:	2027

Recommendation: Full funding (\$248,632.00) for entire scope of work.

Short project description: This project develops a local numerical groundwater model to support groundwater management in Gonzales County. Work includes refining the existing TWDB groundwater availability model for the southern portion of the Carrizo-Wilcox, Queen City, and Sparta aquifers with more locally detailed structure, aquifer properties, recharge estimates, and pumping data. The model will support the District’s groundwater management decisions by allowing evaluation of localized groundwater impacts that cannot be evaluated by regional models. Results will inform permitting and management decisions for the District and will provide refined datasets and modeling inputs that enhance statewide groundwater availability model updates.

Hays Trinity Groundwater Conservation District
Enhanced Groundwater Data Collection and Water Use Assessment Program

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$239,000.00
Supplemental Funding:	\$33,000.00
Total Project Cost:	\$272,000.00
TWDB Funding Recommendation:	\$208,000.00
Fiscal Year:	2026

Recommendation: Funding (\$208,000.00) for Tasks 1, 2, 3, 4, 5, and 7.

Short project description: This project expands and modernizes groundwater monitoring and data infrastructure in Hays County to improve the availability and quality of groundwater data. Tasks 1 through 5 (recommended for funding) compilation of existing data, updating pumping estimates, purchasing and installing continuous monitoring equipment, analyzing water quality, creating a database, and developing a dashboard to improve District decision-making and accessibility of groundwater data. Task 6 (not recommended for funding) would provide a technical evaluation of the existing TWDB groundwater availability model for the southern portion of the Trinity Aquifer. Task 7 (recommended for funding) includes quality assurance/quality control of datasets and final reporting. The project will unify previously disconnected datasets and support efficient data access and analysis for groundwater management decisions. Results will also provide additional datasets for statewide integration and groundwater availability model updates.

Headwaters Groundwater Conservation District

Edwards Aquifer Springflow Correlation Project

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$70,185.00
Supplemental Funding:	\$50,000.00
Total Project Cost:	\$120,185.00
TWDB Funding Recommendation:	\$70,185.00
Fiscal Year:	2027

Recommendation: Funding (\$70,185.00) for entire scope of work.

Short project description: This project expands groundwater monitoring sites in the Edwards-Trinity (Plateau) Aquifer in Kerr County for evaluation alongside springflow at the headwaters of the Guadalupe River. The project includes drilling three monitoring wells and the purchase and installation of continuous monitoring equipment on the new wells. The resulting data will support groundwater management decisions within the district, provide an improved understanding of groundwater-surface water interactions, and enhance statewide groundwater datasets and groundwater availability model updates.

Hemphill Underground Water Conservation District
Surface Water-Groundwater Interactions in Hemphill County, Texas

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$148,000.00
Supplemental Funding:	\$37,000.00
Total Project Cost:	\$185,000.00
TWDB Funding Recommendation:	\$148,000.00
Fiscal Year:	2027

Recommendation: Funding (\$148,000.00) for entire scope of work.

Short project description: This project evaluates interactions between the Ogallala Aquifer and surface water in Hemphill County through field data collection and analysis. The work includes the purchase and installation of continuous monitoring equipment in eight existing monitoring wells, collecting streamflow measurements, and water quality sampling, and continuous groundwater monitoring. Gain-loss studies will be conducted to identify exchange between streams and aquifers. The results will advance the District’s understanding of the hydrogeologic system and improve groundwater management decision-making. Results will also improve datasets for statewide aquifer characterization, groundwater-surface water interaction, and groundwater availability model updates.

Hill Country Underground Water Conservation District

Integrated Hydrogeologic Study to Evaluate Edwards-Trinity (Plateau) to Ellenburger-San Saba Hydraulic Connectivity in Gillespie County, Texas.

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$178,000.00
Supplemental Funding:	\$45,000.00
Total Project Cost:	\$223,000.00
TWDB Funding Recommendation:	\$178,000.00
Fiscal Year:	2027

Recommendation: Funding (\$178,000.00) for entire scope of work.

Short project description: This project evaluates hydraulic connectivity between the Edwards-Trinity (Plateau) and Ellenburger-San Saba aquifers in Gillespie County. The work includes compiling existing data from disparate data sources, refining geologic interpretations, reviewing and updating well aquifer assignments, water quality sampling and analysis, and mapping recharge areas, and synthesizing results into a refined hydrogeologic framework and conceptual model. Results will improve groundwater management decisions within the district and contribute to statewide aquifer characterization efforts and groundwater availability model updates.

Kimble County Groundwater Conservation District

Kimble County Groundwater Conservation District Data Collection Project

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$111,500.00
Supplemental Funding:	\$8,000.00
Total Project Cost:	\$119,500.00
TWDB Funding Recommendation:	\$111,500.00
Fiscal Year:	2027

Recommendation: Funding (\$111,500.00) for entire scope of work.

Short project description: This project develops a groundwater data management system and expands groundwater monitoring infrastructure in Kimble County. The work includes database creation and the purchase and installation of continuous monitoring equipment at existing wells. The system will centralize groundwater data and support analysis. Monitoring data will be used to track aquifer conditions. The results will improve District data management and decision-making and contribute to statewide groundwater datasets and groundwater availability model updates.

Kinney County Groundwater Conservation District
Las Moras Springs Discharge Attribution, Proxy Water Level Development, and
Geophysical Log Data Collection

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$170,000.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$170,000.00
TWDB Funding Recommendation:	\$170,000.00
Fiscal Year:	2027

Recommendation: Funding (\$170,000.00) for entire scope of work.

Short project description: This project improves understanding of the relationship between springflow at Las Moras Springs and aquifer conditions through targeted data collection in Kinney County. The work includes characterizing the Las Moras Springs watershed, collecting discharge measurements in Las Moras Creek, correlating water levels to springflow, collecting downhole geophysical logs, and refining management zones within the District. Data will be used to evaluate spring discharge and aquifer behavior. Results will support the development of improved management strategies and enhance the District’s groundwater management decision-making. Results will also contribute datasets for statewide aquifer characterization and groundwater availability model updates.

Lipan-Kickapoo Water Conservation District

Integrated Water Level Monitoring and Groundwater Recharge Analysis

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$83,531.51
Supplemental Funding:	\$0.00
Total Project Cost:	\$83,531.51
TWDB Funding Recommendation:	\$41,765.00
Fiscal Year:	2027

Recommendation: Funding (\$41,765.00) for half of equipment and tasks in scope of work.

Short project description: This project establishes a groundwater monitoring network to evaluate water levels and recharge dynamics in the Lipan Aquifer in Tom Green, Concho, and Runnels counties. The recommended funding is for half of the equipment and tasks in the project proposal. The project proposal includes drilling six new monitor wells, purchasing and installing continuous monitoring equipment on the new wells across multiple aquifer management zones to improve spatial coverage and representation of hydrogeologic conditions. Monitoring data will be used to evaluate differences in aquifer response across previously identified zones within the aquifer system. The project will generate time-series groundwater level data to support analysis of recharge timing, magnitude, and variability. The results will improve the District's groundwater management decision making and provide new datasets for statewide data integration, aquifer characterization, and groundwater availability model updates.

Lone Star Groundwater Conservation District

Lone Star Groundwater Conservation District Subsidence Monitoring Network Expansion

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$136,827.42
Supplemental Funding:	\$45,609.14
Total Project Cost:	\$182,436.56
TWDB Funding Recommendation:	\$136,827.00
Fiscal Year:	2027

Recommendation: Funding (\$136,827.00) for entire scope of work.

Short project description: This project expands subsidence monitoring in Montgomery County. The work includes the purchase and installation of two Global Navigation Satellite System stations and development of a data analysis and visualization dashboard. The project is intended to evaluate land surface movement associated with groundwater production. Results will support groundwater management decisions within the District, improve best available science for joint planning within Groundwater Management Area 14, and fill a key data gap in subsidence monitoring locally and statewide. Results will also contribute to future groundwater availability model updates.

Lost Pines Groundwater Conservation District
Colorado River Alluvium Connection Study

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$50,000.00
Supplemental Funding:	\$60,000.00
Total Project Cost:	\$110,000.00
TWDB Funding Recommendation:	\$50,000.00
Fiscal Year:	2027

Recommendation: Funding (\$50,000.00) for entire scope of work.

Short project description: This project enhances understanding of groundwater-surface water interactions between the Colorado River and the alluvial aquifers in Bastrop and Lee counties. The work includes mapping the extent of alluvial aquifers, the purchase and installation of continuous monitoring equipment on existing wells, conducting aquifer pump tests on alluvial aquifer wells, and analyzing the collected data to determine the relationship between water levels in the alluvium and groundwater discharge to the Colorado River. The results will advance the District’s understanding of the hydrogeologic system and improve groundwater management decision-making. Results will also improve datasets for statewide aquifer characterization, groundwater-surface water interaction, and groundwater availability model updates.

Lower Trinity Groundwater Conservation District
Expansion of Automated Groundwater-Level and Subsidence Monitoring

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$264,000.00
Supplemental Funding:	\$35,500.00
Total Project Cost:	\$299,500.00
TWDB Funding Recommendation:	\$199,387.21
Fiscal Year:	2026

Recommendation: Funding (\$199,387.21) for five monitoring sites.

Short project description: This project expands groundwater and subsidence monitoring in San Jacinto and Polk counties. The recommended funding is for five of the monitoring sites in the project proposal. The project proposal includes the purchase and installation of continuous monitoring equipment for seven well sites and the purchase and installation of seven Global Navigation Satellite System stations in high-production and projected growth areas. Quality control protocols will be developed and applied to the collected data. Results will support groundwater management decisions within the District, improve best available science for joint planning within Groundwater Management Area 14, and fill a key data gap in subsidence monitoring locally and statewide. Results will also contribute to future groundwater availability model updates.

Menard County Underground Water District
Menard County Hickory Aquifer Project

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$15,000.00
Total Project Cost:	\$315,000.00
TWDB Funding Recommendation:	\$300,000.00
Fiscal Year:	2026

Recommendation: Funding (\$300,000.00) for entire scope of work.

Short project description: This project establishes groundwater monitoring in the Hickory Aquifer in Menard County, where there are currently no active monitoring wells, and evaluates achievement of desired future conditions. The work includes the purchase and installation of continuous monitoring equipment at three existing wells, an evaluation of existing Hickory Aquifer data and precipitation data, and drilling a new monitoring well in the Hickory Aquifer. Resulting datasets and analysis will support the District’s groundwater management decision-making and tracking achievement of desired future conditions. Results will also contribute to statewide groundwater datasets and groundwater availability model updates.

Mesquite Groundwater Conservation District
Groundwater Management Area 6 Aquifer Property Data Collection

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$133,664.00
Supplemental Funding:	\$24,320.00
Total Project Cost:	\$157,984.00
TWDB Funding Recommendation:	\$133,664.00
Fiscal Year:	2026

Recommendation: Funding (\$133,664.00) for entire scope of work.

Short project description:

This project collects aquifer property data through pumping tests across multiple districts in Groundwater Management Area 6. The work includes purchasing monitoring equipment, meters, and software to conduct pump tests and analyze results; performing 10 pump tests at locations throughout Groundwater Management Area 6; and determining aquifer properties from these tests for the Seymour, Blaine, and Cross Timbers aquifers. Aquifer property data, especially in the Cross Timbers Aquifer, is a key data gap in understanding the hydrogeologic systems in this area. Results will improve district understanding of aquifer characteristics and groundwater flow in the region. Results will also improve key modeling assumptions for groundwater availability model updates.

Middle Trinity Groundwater Conservation District

Middle Trinity Groundwater Conservation District Trinity Well Pair Testing and Expansion of
Water Level Monitoring

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$140,862.00
Supplemental Funding:	\$24,858.00
Total Project Cost:	\$165,720.00
TWDB Funding Recommendation:	\$140,862.00
Fiscal Year:	2026

Recommendation: Funding (\$140,862.00) for entire scope of work.

Short project description: This project is a focused groundwater monitoring and aquifer characterization project to evaluate the vertical hydraulic connectivity between the Middle Trinity and Lower Trinity aquifer units in Bosque, Comanche, Coryell, and Erath counties. For evaluating vertical hydraulic connectivity, work includes identifying ideal well pairs, conducting aquifer tests in the selected well pairs, and compiling existing aquifer test data across the District. For expanding the monitoring network, work includes the purchase and installation of continuous monitoring equipment for 16 sites across the District. Data will be analyzed to assess aquifer interactions and impacts from pumping. Results will improve the District's understanding of the aquifer system, groundwater management decision-making, and tracking achievement of desired future conditions. Results will also enhance statewide groundwater datasets and groundwater availability model updates.

Mid-East Texas Groundwater Conservation District

Characterizing River-Aquifer Connectivity to Support Groundwater Management in Texas: A
Focus on the Trinity River and Carrizo-Wilcox Aquifer

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$274,089.00
Supplemental Funding:	\$5,500.00
Total Project Cost:	\$279,589.00
TWDB Funding Recommendation:	\$274,089.00
Fiscal Year:	2026

Recommendation: Funding (\$279,589.00) for entire scope of work.

Short project description: This project evaluates connectivity between the Trinity River and the Carrizo-Wilcox Aquifer in Freestone, Leon, and Madison counties. The work includes compiling existing data, purchasing and installing continuous monitoring equipment on three alluvial wells, developing a conceptual model of the alluvial system, subsurface mapping with geophysical methods, data synthesis and reporting. The results will improve understanding of river–aquifer interactions and support statewide data and modeling efforts. Results will improve understanding of groundwater and surface water interactions in the region and provide critical datasets for statewide groundwater availability model updates and additional groundwater-surface water interaction studies.

Neches & Trinity Valleys Groundwater Conservation District
Neches & Trinity Valleys Groundwater Conservation District Local Groundwater
Management Model Development

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$298,710.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$298,710.00
TWDB Funding Recommendation:	\$298,710.00
Fiscal Year:	2027

Recommendation: Funding (\$298,710.00) for entire scope of work.

Short project description: This project develops a local numerical groundwater model to support groundwater management in Anderson, Henderson, and Cherokee counties. Work includes refining the existing TWDB groundwater availability model for the northern portion of the Carrizo-Wilcox, Queen City, and Sparta aquifers with more locally detailed structure (including shallow flow systems and groundwater-surface water interaction), aquifer properties, recharge estimates, and pumping data. The model will support the District’s groundwater management decisions by allowing evaluation of localized groundwater impacts that cannot be evaluated by regional models. Results will inform permitting and management decisions for the District and will provide refined datasets and modeling inputs that enhance statewide groundwater availability model updates.

North Plains Groundwater Conservation District

Characterization of the Ogallala and Dockum Aquifers within North Plains Groundwater Conservation District

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$158,051.00
Supplemental Funding:	\$60,000.00
Total Project Cost:	\$218,051.00
TWDB Funding Recommendation:	\$158,051.00
Fiscal Year:	2026

Recommendation: Funding (\$158,051.00) for entire scope of work.

Short project description: This project refines Ogallala and Dockum aquifer characterization using geophysical data. The work includes refining aquifer structure with geophysical log analysis in the western counties within the District, reevaluating aquifer assignments for wells in the district based on refined aquifer characterization, and compiling and analyzing available aquifer property data in the Upper and Lower Dockum aquifers. Results will improve the District’s understanding of aquifer characteristics and groundwater flow in the region. Results will also support statewide aquifer characterization and improve key modeling assumptions for groundwater availability model updates.

Panhandle Groundwater Conservation District

Investigation of the Dockum, Blaine, and Whitehorse Formations in the Panhandle
Groundwater Conservation District

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$148,297.78
Supplemental Funding:	\$19,230.60
Total Project Cost:	\$167,528.38
TWDB Funding Recommendation:	\$148,297.00
Fiscal Year:	2026

Recommendation: Funding (\$148,297.00) for entire scope of work.

Short project description: This project evaluates hydrogeologic structure and water quality in the minor aquifers within the District. The work includes integration of geophysical logs and groundwater chemistry data for the Dockum Group, Blaine Formation, and Whitehorse group and developing stratigraphic surfaces and cross sections. Results will provide a refined understanding of these minor aquifer formations to support the District's groundwater management decisions as the Ogallala Aquifer continues to decline. Results will also improve aquifer characterization regionally and contribute to statewide groundwater datasets and groundwater availability model updates.

Permian Basin Underground Water Conservation District

Total Groundwater Decline and Updated Aquifer Base and Saturated Thickness Map

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$50,000.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$50,000.00
TWDB Funding Recommendation:	\$50,000.00
Fiscal Year:	2027

Recommendation: Funding (\$50,000.00) for entire scope of work.

Short project description: This project analyzes groundwater level decline and updates aquifer datasets in Martin and Howard counties. The work includes analyzing groundwater declines since 2018, incorporating water level measurements from newer sites into the analysis, and mapping saturated thickness in the Ogallala Aquifer using newly acquired well logs. Results will improve the District’s understanding of groundwater trends, which are highly variable year-to-year due to oil and gas activity. Results will also contribute to statewide groundwater datasets and groundwater availability model updates.

Pineywoods Groundwater Conservation District
Continuous Water Level Monitoring Equipment

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$62,068.00
Supplemental Funding:	\$4,300.00
Total Project Cost:	\$66,368.00
TWDB Funding Recommendation:	\$62,068.00
Fiscal Year:	2026

Recommendation: Funding (\$62,068.00) for entire scope of work.

Short project description: This project expands groundwater monitoring in the outcrop of the Carrizo-Wilcox Aquifer in Nacogdoches County (the District also includes Angelina County) to provide monitoring for a future managed aquifer recharge project. The work includes purchasing continuous monitoring equipment, installing the equipment at one existing well site, and drilling two new monitoring wells that will be equipped as well. Data will be used to evaluate groundwater levels and recharge processes, providing baseline data for aquifer conditions. Results will support groundwater management decision-making within the district and contribute to statewide groundwater datasets and groundwater availability model updates.

Post Oak Savannah Groundwater Conservation District

Hydrogeologic Data Collection and Analysis to Support Groundwater Management and Planning in Post Oak Savannah Groundwater Conservation District and Central Texas

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$300,000.00
Total Project Cost:	\$600,000.00
TWDB Funding Recommendation:	\$15,000.00
Fiscal Year:	2026

Recommendation: Funding (\$15,000.00) for Task 1.

Short project description: Task 1 (recommended for funding) of this project includes compiling and interpreting hydrogeologic data for the Carrizo-Wilcox Aquifer in Milam and Burleson counties to improve aquifer characterization. The work in Task 1 includes analyzing driller logs, interpreting geophysical logs, hydrostratigraphic analysis, water quality analysis, characterization of clay and sand intervals, analyzing interferometric synthetic aperture radar data to understand subsidence in the District, and conducting two synoptic water level sampling events. Tasks 2 and 3 (not recommended for funding) of this project proposal includes converting the District’s operational management model to MODFLOW 6 and recalibrating it with newly acquired data. Results of Task 1 will provide a refined hydrogeological understanding to support groundwater management and permitting decisions within the district. Results of Task 1 will also provide refined inputs to statewide groundwater availability model updates.

Prairielands Groundwater Conservation District

Installation of a Hensell Aquifer Monitoring Well to Enhance Groundwater Data Collection in the Prairielands GCD

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$42,201.53
Total Project Cost:	\$342,201.53
TWDB Funding Recommendation:	\$300,000.00
Fiscal Year:	2026

Recommendation: Funding (\$300,000.00) for entire scope of work.

Short project description: This project installs a new monitoring well in the Trinity Aquifer (Hensell aquifer) near Joshua, Texas in Johnson County (the District also includes Ellis, Hill, and Somervell counties). The work includes drilling and logging the new well and purchasing continuous monitoring equipment to install at the well site. The District does not have any monitoring sites in this area currently, so this well would fill a data gap for the District. The results will support groundwater management within the District and contribute to statewide groundwater datasets and groundwater availability model updates.

Rolling Plains Groundwater Conservation District

Geophysical Data Collection and Analysis Within the Aquifers of Groundwater Management
Area 6

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$287,173.00
Supplemental Funding:	\$75,560.00
Total Project Cost:	\$362,733.00
TWDB Funding Recommendation:	\$287,173.00
Fiscal Year:	2026

Recommendation: Funding (\$287,173.00) for entire scope of work.

Short project description: This project collects and analyzes geophysical data in Baylor, Knox, and Haskell counties and in neighboring counties to support refined aquifer mapping in the region and the District’s managed aquifer recharge project. The work includes purchasing a borehole geophysical system and associated equipment, purchasing a surface geophysical system, collecting geophysical data from boreholes and sites throughout the region. The District will acquire the equipment and make it available for use by other districts within Groundwater Management Area 6. Data will be used to refine aquifer characterization and improve understanding of aquifer structure in the region. Results will contribute to statewide groundwater datasets and groundwater availability model updates.

Southeast Texas Groundwater Conservation District
Expansion of Subsidence Monitoring Network

Category 1: Groundwater Research and Science

TWDB Amount Requested:	\$205,467.00
Supplemental Funding:	\$19,538.00
Total Project Cost:	\$225,005.00
TWDB Funding Recommendation:	\$122,981.00
Fiscal Year:	2027

Recommendation: Funding (\$122,981.00) for four monitoring sites.

Short project description: This project expands subsidence monitoring in Jasper, Newton, Hardin, and Tyler counties. The recommended funding is for four of the monitoring sites in the project proposal (seven sites were included in the project proposal). The project proposal includes the purchase and installation of Continuously Operating Reference Stations that use GPS to monitor vertical land movement. Sites will be selected based on groundwater pumping and projected growth. Results will support groundwater management decisions within the District, improve best available science for joint planning within Groundwater Management Area 14, and fill a key data gap in subsidence monitoring locally and statewide. Results will also contribute to future groundwater availability model updates.

Southwestern Travis County Groundwater Conservation District
Installation and Characterization of Trinity Aquifer Monitoring Wells in Southwestern Travis County

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$274,712.59
Supplemental Funding:	\$28,829.20
Total Project Cost:	\$303,541.79
TWDB Funding Recommendation:	\$274,712.00
Fiscal Year:	2026

Recommendation: Funding (\$274,712.00) for entire scope of work.

Short project description: This project expands the District’s groundwater monitoring infrastructure and refines aquifer characterization in southwestern Travis County. The work includes drilling two new monitoring wells, lithologic and geophysical logging in the boreholes, water quality sampling, and purchasing continuous monitoring equipment and installing the equipment on the new wells. The wells will be completed in the Lower Trinity Aquifer, with a nested piezometer to also collect data from Middle Trinity Aquifer within the same well. The resulting data will be integrated and analyzed in a technical report. Resulting datasets and analysis will support the District’s groundwater management decision-making and tracking achievement of desired future conditions. Results will also contribute to statewide groundwater datasets, aquifer characterization, and groundwater availability model updates.

Trinity Glen Rose Groundwater Conservation District
TGRGCD Groundwater Monitoring Network Expansion

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$101,241.00
Supplemental Funding:	\$3,000.00
Total Project Cost:	\$104,241.00
TWDB Funding Recommendation:	\$101,241.00
Fiscal Year:	2026

Recommendation: Funding (\$101,241.00) for entire scope of work.

Short project description: This project upgrades and expands groundwater monitoring for the Trinity Aquifer in northern Bexar County. The work includes compiling existing hydrogeological data to identify data gaps, purchasing continuous monitoring equipment, installing the equipment at 15 well sites identified through the data-gap analysis, and incorporating the data into the District’s data management system. Resulting datasets will improve the District’s ability to track achievement of desired future conditions and manage groundwater resources effectively. Resulting data will also contribute to statewide groundwater datasets and groundwater availability model updates.

Upper Trinity Groundwater Conservation District
Upper Trinity GCD Monitoring Well Project - Hood County

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$300,000.00
Supplemental Funding:	\$91,101.82
Total Project Cost:	\$391,101.82
TWDB Funding Recommendation:	\$300,000.00
Fiscal Year:	2027

Recommendation: Funding (\$300,000.00) for entire scope of work.

Short project description: This project expands groundwater monitoring infrastructure and data collection in Hood County (the District also includes Montague, Parker, and Wise counties) to better characterize the Trinity Aquifer (Glen Rose Limestone and Twin Mountains Formation) in the District. The work includes plugging an existing well at a monitoring site, drilling two new monitoring wells, water quality sampling, geophysical logging, and purchasing and installing continuous monitoring equipment on the new wells. Data will improve understanding of aquifer conditions in an area where data is scarce. Resulting datasets and analysis will support the District’s groundwater management decision-making. Results will also contribute to statewide groundwater datasets, aquifer characterization, and groundwater availability model updates.

Victoria County Groundwater Conservation DistrictThe Development of the Central Gulf Coast Brackish Groundwater Flow Model for
Groundwater Management and Planning**Category 1: Groundwater Research and Science**

TWDB Amount Requested:	\$231,000.00
Supplemental Funding:	\$10,000.00
Total Project Cost:	\$241,000.00
TWDB Funding Recommendation:	\$158,500.00
Fiscal Year:	2026

Recommendation: Funding (\$158,500.00) for Task 1 and Task 4.

Short project description: Task 1 (recommended for funding) of this project includes an interferometric synthetic aperture radar study to measure land subsidence in Victoria County. Task 4 (recommended for funding) includes the purchase and installation of a Global Navigation Satellite System station to monitor land subsidence. Tasks 2 and 4 (not recommended for funding) in the project proposal involve modeling subsidence and updating a local brackish groundwater model with new data. Results of Tasks 1 and 4 will support groundwater management decisions within the District and fill a key data gap in subsidence monitoring locally and statewide. Results of Tasks 1 and 4 will also provide refined inputs to statewide groundwater availability model updates.

Wintergarden Groundwater Conservation District
Groundwater Well Monitoring of Carrizo-Wilcox Aquifer

Category 2: Groundwater Data Collection

TWDB Amount Requested:	\$64,640.00
Supplemental Funding:	\$0.00
Total Project Cost:	\$64,670.00
TWDB Funding Recommendation:	\$64,640.00
Fiscal Year:	2027

Recommendation: Funding (\$64,640.00) for entire scope of work.

Short project description: This project expands the District’s groundwater monitoring network through installation of modern monitoring systems in Dimmit, LaSalle, and Zavala counties. The work includes identification of well locations, purchasing continuous monitoring equipment, and installing the equipment at nine new monitoring sites. Data will improve spatial coverage of groundwater monitoring, addressing data gaps within the District. Results. The project addresses current data gaps. Resulting datasets and analysis will support the District’s groundwater management decision-making and contribute to statewide groundwater datasets and groundwater availability model updates.

Applicant	Project title	Amount requested	Supplemental funds	Total cost
Bandera County RAGCD	Development of a Real-Time Groundwater Monitoring Network and Hydrogeological Database – Bandera County	\$300,000.00	\$107,000.00	\$407,000.00
Barton Springs-Edwards Aquifer CD	Trinity Aquifer Numerical Groundwater Model	\$298,000.00	\$7,000.00	\$305,000.00
Blanco Pedernales GCD	Borehole Geophysical Log Interpretation and Cross Section Tool Database Application for Edwards-Trinity Aquifer Characterization	\$180,000.00	\$18,000.00	\$198,000.00
Bluebonnet GCD	Bluebonnet GCD Monitoring Well Network	\$204,998.00	\$0.00	\$204,998.00
Brazoria County GCD	Comprehensive Groundwater Characterization Study	\$225,000.00	\$0.00	\$225,000.00
Brazos Valley GCD	Expansion of the BVGCD Groundwater Monitoring Network	\$300,000.00	\$40,251.24	\$340,251.24
Brush Country GCD	Northeast Jim Wells County Aquifer Drawdown and Subsidence Study	\$299,591.00	\$50,000.00	\$349,591.00
Central Texas GCD	Hydrogeologic Characterization of the Sycamore (Lower Trinity) aquifer, Burnet County, Texas	\$112,100.00	\$59,796.00	\$171,896.00
Clearwater UWCD	Integrated Production and Water Level Monitoring for DFC Trend Analysis	\$205,221.50	\$10,880.00	\$216,101.50
Colorado County GCD	Exempt Groundwater Usage Study	\$60,000.00	\$6,837.00	\$66,837.00
Comal Trinity GCD	Quantification of Direct Recharge to the Middle Trinity Aquifer from the Guadalupe River, Comal County, Texas	\$80,000.00	\$60,000.00	\$140,000.00
Evergreen UWCD	Carrizo Aquifer Characterization and Monitoring Well Installation	\$300,000.00	\$150,000.00	\$450,000.00
Fayette County GCD	Fayette County GCD Groundwater Monitoring Hardware Upgrade	\$140,700.00	\$3,500.00	\$144,200.00
Gateway GCD	Continuous Water Level Monitoring Equipment	\$52,718.00	\$9,000.00	\$61,718.00
Goliad County GCD	Goliad County Local Groundwater Model Development	\$300,000.00	\$22,500	\$300,000.00

List of All Applications

Applicant	Project title	Amount requested	Supplemental funds	Total cost
Gonzales County UWCD	Development of a MODFLOW 6–Compatible Groundwater Permitting Model for Gonzales County UWCD	\$248,632.00	\$0.00	\$248,632.00
Hays Trinity GCD	Enhanced Groundwater Data Collection and Water Use Assessment Program	\$239,000.00	\$33,000.00	\$272,000.00
Headwaters GCD	Edwards Aquifer Springflow Correlation Project	\$70,185.00	\$50,000.00	\$120,185.00
Hemphill County UWCD	Surface Water-Groundwater Interactions in Hemphill County, Texas	\$148,000.00	\$37,000.00	\$185,000.00
Hill Country UWCD	Integrated Hydrogeologic Study to Evaluate Edwards-Trinity (Plateau) to Ellenburger-San Saba Hydraulic Connectivity in Gillespie County, Texas.	\$178,000.00	\$45,000.00	\$223,000.00
Kimble County GCD	Kimble County GCD Data Collection Project	\$111,500.00	\$8,000.00	\$119,500.00
Kinney County GCD	Las Moras Springs Discharge Attribution, Proxy Water Level Development, and Geophysical Log Data Collection	\$170,000.00	\$0.00	\$170,000.00
Lipan-Kickapoo WCD	Integrated Water Level Monitoring and Groundwater Recharge Analysis	\$83,531.51	\$0.00	\$83,531.51
Lone Star GCD	LSGCD Subsidence Monitoring Network Expansion	\$136,827.42	\$45,609.14	\$182,436.56
Lost Pines GCD	CO River-Alluvium Connection Study	\$50,000.00	\$60,000.00	\$110,000.00
Lower Trinity GCD	Expansion of Automated Groundwater-Level and Subsidence Monitoring	\$264,000.00	\$35,500.00	\$299,500.00
Menard County UWD	Menard County Hickory Aquifer Project	\$300,000.00	\$15,000.00	\$315,000.00
Mesquite GCD	GMA Aquifer Property Data Collection	\$133,664.00	\$24,320.00	\$157,984.00
Middle Trinity GCD	Middle Trinity GCD Trinity Well Pair Testing and Expansion of Water Level Monitoring	\$140,862.00	\$24,858.00	\$165,720.00
Mid-East Texas GCD	Characterizing River–Aquifer Connectivity to Support Groundwater Management in Texas: A Focus on the Trinity River and Carrizo-Wilcox Aquifer	\$274,089.00	\$5,500.00	\$279,589.00

List of All Applications

Applicant	Project title	Amount requested	Supplemental funds	Total cost
Neches & Trinity Valleys GCD	NTVGCD Groundwater Availability Model Development	\$298,710.00	\$0.00	\$298,710.00
North Plains GCD	Characterization of the Ogallala and Dockum Aquifers within North Plains GCD	\$158,051.00	\$60,000.00	\$218,051.00
Panhandle GCD	Investigation of the Dockum, Blaine, and Whitehorse Formations in the Panhandle GCD	\$148,297.78	\$19,230.60	\$167,528.38
Permian Basin UWCD	Total Groundwater Decline and Updated Aquifer Base and Saturated Thickness Map	\$50,000.00	\$0.00	\$50,000.00
Pineywoods GCD	Continuous Water Level Monitoring Equipment	\$62,068.00	\$4,300.00	\$66,368.00
Plateau UWC&SD	Plateau Well Data Collection	\$97,980.00	\$6,000.00	\$103,980.00
Post Oak Savannah GCD	Hydrolithostratigraphy, Geochemistry and Subsidence Related Studies and Development of OPMAN 6 to Support Groundwater Management and Planning in POSGCD and Central Texas	\$300,000.00	\$300,000.00	\$600,000.00
Prairielands GCD	Installation of a Hensell Aquifer Monitoring Well to Enhance Groundwater Data Collection in the Prairielands GCD	\$300,000.00	\$42,201.53	\$342,201.53
Rolling Plains GCD	Geophysical Data Collection and Analysis Within the Aquifers of GMA 6	\$287,173.00	\$75,560.00	\$362,733.00
Rusk County GCD	Geophysical water well logging equipment	\$95,236.75	\$0.00	\$95,236.75
Saratoga UWCD	Lampasas County Groundwater	\$95,795.00	\$0.00	\$95,795.00
Southeast Texas GCD	Expansion of Subsidence Monitoring Network	\$205,467.00	\$19,538.00	\$225,005.00
Southwestern Travis County GCD	Installation and Characterization of Trinity Aquifer Monitoring Wells in Southwestern Travis County	\$274,712.59	\$28,829.20	\$303,541.79
Trinity Glen Rose GCD	TGRGCD Groundwater Monitoring Network Expansion	\$101,241.00	\$3,000.00	\$104,241.00
Upper Trinity GCD	Upper Trinity GCD Monitoring Well Project - Hood County	\$300,000.00	\$91,101.82	\$391,101.82

List of All Applications

Applicant	Project title	Amount requested	Supplemental funds	Total cost
Victoria Country GCD	The Development of the CGCBGF Model for Groundwater Management and Planning	\$231,000.00	\$10,000.00	\$241,000.00
Wintergarden GCD	Groundwater Well Monitoring of Carrizo-Wilcox Aquifer	\$64,640.00	\$0.00	\$64,670.00
Grand Total		\$8,676,991.55	\$1,588,312.53	\$10,265,334.08