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February 17, 2017

Mr. David Carter
Deputy Executive Director
Texas Water Development Board
1700 North Congress
Austin, TX 78701

RE: Request for Application for Funding to Complete the Fifth Cycle of Regional Water Planning

Dear Mr. Carter:

On behalf of the South Central Texas Regional Water Planning Group (Region L), the San Antonio River Authority (SARA) has prepared the attached application to the Texas Water Development Board requesting grant funds to complete development of the 2021 Region Regional Water Plan.

SARA is happy to serve as the designated Administrator for Region L during the fifth cycle of regional water planning in the State. Please call or email me at (210) 302-3293, or Steve Raabe at (210) 302-3614, if you have any questions concerning the contents of this application.

Sincerely,

Cole Ruiz
San Antonio River Authority,
Intergovernmental and Community Relations

**GRANT APPLICATION
FOR THE FIFTH CYCLE OF REGIONAL WATER
PLANNING TO DEVELOP
THE 2021 SOUTH CENTRAL TEXAS REGIONAL
WATER PLAN
(REGIONAL)
FIRST AMENDED SCOPE OF WORK
TWDB CONTRACT: 1548301840**

Application Checklist

I. GENERAL INFORMATION

- ✓ 1. Legal name of applicant(s).
San Antonio River Authority (SARA)
- ✓ 2. Regional Water Planning Group.
South Central Texas Regional Water Planning Group (SCTRWPG)
- ✓ 3. Authority of law under which the applicant was created.
The San Antonio River Authority is a conservation and reclamation district of the State of Texas, created in 1937, pursuant to Article 16, Section 59 of the Texas Constitution as contained in Chapter 276, page 556, Acts of the 45th Legislature and as subsequently amended.
- ✓ 4. Applicant's official representative, Name, Title, Mailing address, Phone number, Fax number, if available, E-mail Address, and Vendor ID Number.

Suzanne B. Scott, General Manager
San Antonio River Authority
100 East Guenther Street
P.O. Box 839980
San Antonio, Texas 78283
Phone: (210) 302-1373
Email: sbscott@sara-tx.org
Vendor ID Number: 1-74-60113111
- ✓ 5. DUNS Number. If you do not have a DUNS number, visit:
074611047
- ✓ 6. Is this application in response to a Request for Applications published in the Texas Register?
Yes ✓ No ☐
- ✓ 7. If yes to No. 6 above, list document number and date of publication of the Texas Register.
TRD-201605741, published November 7, 2016
- ✓ 8. Type of proposed planning (Check all that apply)
Initial scope of work ☐
Development of a regional water plan ✓
Revision of a regional water plan ☐
Special studies approved by TWDB ☐
- ✓ 9. Total proposed planning cost (see Table 1 for total cost by region)
Total Proposed Planning Costs:
See Appendix B
- ✓ 10. Total grant funds requested from the Texas Water Development Board.
Total Grant Funds Requested:
See Appendix B:

- ✓ 11. Detailed statement of the purpose for which the money will be used. (Not to exceed 1 page.)
- Funding obtained through this application will be used to complete development of the 2021 South Central Texas Regional Water Plan in accordance with current statutory, regulatory and rule requirements, including: providing public notice; holding meetings; preparing associated plan documents; and populating the online planning database. This effort will involve the amended Scope of Work prepared by TWDB (*see* Exhibit A), to include preparing the Planning Area Description; conducting water supply analyses, identifying water needs, identifying Potentially Feasible Water Management Strategies, preparing and submitting a Technical Memorandum and Regional Water Planning Group Analysis Water User Group and Municipal Water Projection needs, evaluating and recommending Water Management Strategy Projects; developing Water Conservation Recommendations; detailing the impacts of the Regional Water Plan and its consistency with protection of resources; developing drought response information, activities, and recommendations; recommending Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues; reporting recommendations concerning Water Infrastructure Funding; conducting the public participation components of the planning process and plan adoption; completing the implementation and comparison to the previous regional water plans, and the prioritization of projects in the 2021 Plan. The detailed scope of work specifying proposed use of the funds is provided as Exhibit A.**

- ✓ 12. Detailed description of why state funding assistance is needed. (Not to exceed 1 page.)
The State of Texas created Regional Water Planning Groups for the purpose of planning for the State's current and long-term water needs. The South Central Texas Regional Water Planning Group has no legal authority to enter into contracts, nor any means to generate revenues. Since Regional Water Planning Groups are not self-funding organizations, the mandate from the State requires appropriate funds to conduct prescribed scope of work. Therefore, the SCTRWPG is relying on funds from the State to perform the required tasks associated with the TWDB Contract No. 1548301840.
- ✓ 13. Identify potential sources and amounts of funding available for implementation of viable solutions resulting from proposed planning.
The information attained by the South Central Texas Regional Water Planning Group in the next round of regional water planning will be funded by State, subject to appropriation by the Texas Legislature and the approval of the First Amended Scope of Work by the TWDB. The implementation of any water management strategies identified by the use of the information collected in this effort will be funded by the water users throughout Region L, including any state and/or federal assistance.

II. PLANNING INFORMATION

- ✓ 14. A detailed scope of work for proposed planning.
See Appendix A.
- ✓ 15. A task budget for detailed scope of work by task. (See Table 2 for task budget by region).
See Appendix B.
- ✓ 16. An expense budget for scope of work by expense category. *Example is included.*
See Appendix C.
- ✓ 17. A time schedule for completing detailed Scope of Work by task. (see Scope of Work document referenced above)
See Appendix D.
- ✓ 18. Specific deliverables for each task in Scope of Work. (see Scope of Work document referenced above)
Deliverables for each task are detailed in the First Amended Scope of Work (see Appendix A)

- ✓ 19. Method of monitoring study progress.
Study progress will be monitored by the San Antonio River Authority in consultation with the TWDB, SCTRWPG, and the SCTRWPG Staff Workgroup on the basis of quality and timeliness of deliverables, invoices, and progress reports to be submitted by the consultants.
- ✓ 20. Qualifications and direct experience of proposed project staff.
The San Antonio River Authority, the administrative agent for the South Central Texas Regional Water Planning Group, will be responsible for the management of the project. The San Antonio River Authority has served in this same capacity during development of the 2001, 2006, 2011, and 2016 South Central Texas Regional Water Plans. Additionally, the San Antonio River Authority, on behalf of the SCTRWPG, contracted with Black & Veatch to act as Technical Consult for the fifth cycle of regional water planning. The individual consultants involved with the planning have decades of experience with the State's water planning process, specifically within Region L.

III. WRITTEN ASSURANCES

Written assurance of the following items:

- ✓ Proposed planning does not duplicate existing projects;
This proposed planning effort of the South Central Texas Regional Water Planning Group does not duplicate existing projects.
- ✓ Implementation of viable solutions identified through the proposed planning will be diligently pursued and identification of potential sources of funding for implementation of viable solutions;
The South Central Texas Regional Water Planning Group anticipates that water management strategies identified in the 2021 Regional Water Plan for Region L will be pursued by those entities that demonstrate a need for additional water supplies and/or infrastructure. There are a number of potential funding sources available that may be used to implement recommended water management strategies for various water user groups. These include, but are not limited to, private funding sources, state and federal loan/grant programs, and the open market.

IV. PROOF OF NOTIFICATION

- ✓ Proof of notification. The notice of intent to apply for Regional Water Planning funds should be posted by the RWPG's Political Subdivision **at least 30 days prior to TWDB Board consideration of funding applications** (estimated TWDB Board meeting date of April 6, 2017). Prior to TWDB Board action, in accordance with 31 TAC §357.21(e)(3), the applicant must provide TWDB a copy of the notice, a list of who the notice was sent to, the date the notice was sent, copies of all notices as published showing the name of the newspaper and date on which the notice was published.

See Appendix E

The notification must meet the following requirements as set forth in 31 TAC §357.21(e)(2), 31 TAC §357.21(e)(4), and §357.21(e)(5):

1. publishing notice in a newspaper of general circulation in each county located in whole or in part in the regional water planning area (RWPA);
2. mailing notice to each mayor of a municipality, located in whole or in part of the RWPA, with a population of 1,000 or more or which is a county seat; each county judge of a county located in whole or in part in the RWPA; each special or general law district or river authority with responsibility to manage or supply water in the RWPA based upon lists of such water districts and river authorities obtained from Texas Commission on Environmental Quality; all other RWPGs in the state; and
3. posting notice on the website of the RWPG or host Political Subdivision.

4. The notice must include the following:

- ✓ Name and address of applicant and applicant's official representative;
- ✓ A brief description of the regional water planning area;
- ✓ Purpose of the planning project;
- ✓ Texas Water Development Board Executive Administrator's name (Jeff Walker) and address (P.O.

Box 13231, Austin, Texas 78711);

- ✓ Name and address of contact person at Texas Water Development Board (David Carter, P.O. Box 13231, Austin, Texas 78711);

- ✓ A statement that any comments must be filed with the applicant and the Texas Water Development Board's Executive Administrator within 30 days of the date on which the notice was mailed or published.

Appendix A:

Fifth Cycle of Regional Water Planning First Amended Scope of Work

Exhibit A
Fifth Cycle of Regional Water Planning
First Amended Scope of Work

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Task 1- Planning Area Description¹

The objective of this task is to prepare a standalone chapter² to be included in the 2021 Regional Water Plan (RWP) that describes the Regional Water Planning Area (RWPA).

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.30, including the new requirement of describing major water providers in the RWPA.³
- b) Review and summary of relevant existing planning documents in the region including those that have been developed since adoption of the previous RWP. Documents to be summarized include those referenced under 31 TAC §357.22.
- c) Incorporation of all required Texas Water Development Board (TWDB) Regional Water Planning Application/State Water Planning Database (DB22) reports into document. Note that all DB22 reports are required to be physically located immediately following the RWP Executive Summary. However, RWPGs may include these reports elsewhere in the document as they deem appropriate.
- d) Review of the chapter document by RWPG members.
- e) Modifications to the chapter document based on RWPG, public, and/or agency comments.
- f) Submittal of chapter document to TWDB for review and approval; and
- g) All effort required to obtain final approval of the RWP chapter by TWDB.

Deliverables: A completed Chapter 1 describing the RWPA shall be delivered in the 2021 RWP as a work product.

Task 2A - Non-Population Related Water Demand Projections⁴

TWDB staff will provide draft water demand projections for 2020-2070 for all water demands unrelated to population (e.g. mining, manufacturing, irrigation, steam-electric power, and livestock) based on the projections from the 2017 State Water Plan updated in some cases based on updated methodologies or the most recent TWDB historical water use estimates.

¹ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

² This shall be a separate chapter as required by 31 TAC §357.22(b).

³ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

⁴ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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

Each RWPG will then review the draft projections and may provide input to TWDB or request specific changes to the projections from TWDB.⁵ The emphasis of this effort will be on identifying appropriate modifications based on relevant changed conditions that have occurred since the development of the projections used in the 2017 State Water Plan.

If adequate justification is provided by the RWPG to TWDB, water demand projections may be adjusted by the TWDB in consultation with TDA, TCEQ, and TPWD. Once RWPG input and requested changes are considered, final water demand projections will be adopted by the TWDB's governing Board (Board). The adopted projections will then be provided to each RWPG. RWPGs must use the Board-adopted projections when preparing their regional water plans.

TWDB will directly populate DB22 with all WUG-level projections and make related changes to DB22 based on Board-adopted projections.

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

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.31.⁶
- b) Prepare a stand-alone chapter⁷ (including work from both Tasks 2A & 2B) to be included in the 2021 RWP that also incorporates all required TWDB DB22 reports into the document.
- c) Receive and make publicly available the draft water demand projections provided by TWDB.
- d) Evaluate draft water demand projections provided by TWDB.
- e) Review comments received from local entities and the public for compliance with TWDB requirements.
- f) Provide detailed feedback to TWDB on water demand projections, as necessary, including justification and documentation supporting suggested changes with a focus on relevant changed conditions that have occurred since the development of the projections used in the 2017 State Water Plan
- g) Prepare and submit numerical requests for revisions, in tabular format in accordance with TWDB guidance, of draft water demand projections and process such requests based on, for example, requests from local entities within the region. The RWPG and/or local entities should provide required documentation and justification of requested revisions.

⁵ All requests to adjust draft population or water demand projections must be submitted along with associated data in an electronic format determined by TWDB (e.g., fixed format spreadsheets)

⁶ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

⁷ This shall be a separate chapter as required by 31 TAC §357.22(b).

- h) Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
- i) Assist TWDB, as necessary, in resolving final allocations of water demands to water user groups to conform with any control totals defined by TWDB, for example, by county and/or region.
- j) Prepare water demand projection summaries for WUGs using final, Board-adopted projections to be provided by the TWDB, as necessary.
- k) Modify any associated water demand projections for Major Water Providers (MWP), as necessary based on final, Board-adopted projections.
- l) Review the *TWDB DB22 Non-Population Related⁸ Water Demand* report from the DB22 and incorporate this planning database report into any Technical Memoranda, Initially Prepared Plan (IPP), and adopted RWP (labeled as such and with source reference).
- m) Modify any aggregated water demand summaries, for example, for MWPs or irrigation districts, accordingly incorporate this planning database report into any Technical Memoranda, IPP, and adopted RWP (labeled as such and with source reference).
- n) Update WWP contractual obligations to supply water to other entities and report this information along with projected demands including within the DB22 and within any planning memorandums or reports, as appropriate.

Task 2B - Population and Population-Related Water Demand Projections⁹

TWDB staff will prepare draft population and associated water demand projections for 2020-2070 for all population-related water user groups using data based on the population projections in the 2017 State Water Plan as reassembled by utility service areas.

TWDB staff will develop population projections and associated water demand projections for all WUGs based on utility service areas and provide them to RWPGs for their review and input.

Because there won't be new U.S. Census data available in time to incorporate into the 2021 RWPs, the emphasis of this work will be on the transition of the 2017 State Water Plan population projections and the associated water demand projections from political boundaries to utility service area boundaries and to making limited modifications based on relevant changed conditions that have occurred since the development of the projections used in the 2017 State Water Plan.

RWPGs shall then review the draft projections and may provide input to TWDB or request specific changes to the projections from TWDB. If adequate justification is provided by the RWPGs to TWDB, population and/or water demand projections may be adjusted by the TWDB in consultation with TDA, TCEQ, and TPWD. Once RWPG input and requested changes are considered, final

⁸ All 'TWDB DB22...' reports will be provided by TWDB through the online planning database web interface as a customizable report that can be downloaded by RWPGs and must be included as part of any Technical Memoranda and water plan.

⁹ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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population and associated water demand projections will be adopted by the Board. The adopted projections, based on utility service areas, will then be provided to RWPGs. RWPGs must use the Board-adopted projections when preparing their regional water plans and identify WUGs with associated utility service areas.

TWDB will directly populate the DB22 with all WUG-level projections and make related changes to the DB22 if revisions are made.

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

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.31.¹⁰
- b) Prepare a stand-alone chapter¹¹ (including work from both Tasks 2A & 2B) to be included in the 2021 RWP that also incorporates all of required TWDB DB22 reports into the document.
- c) Receive and make publicly available the draft population and associated water demand projections provided by TWDB and that are based on utility service areas rather than political boundaries.
- d) Evaluate draft population and associated water demand projections provided by TWDB.
- e) Review comments received from local entities and the public for compliance with TWDB requirements.
- f) Provide detailed feedback to TWDB on both population and associated water demand projections, as necessary, including justification and documentation supporting suggested changes with a focus on the transition to utility service areas and, more generally, relevant changed conditions that have occurred since the development of the projections used in the 2017 State Water Plan.
- g) Prepare and submit numerical requests, in tabular format in accordance with TWDB guidance, for revisions of draft population and/or water demand projections and process such requests based on, for example, requests from local entities within the region. The RWPG and/or local entities should provide required documentation and justification of requested revisions.
- h) Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
- i) Assist TWDB, as necessary, in resolving final allocations of population and water demands to water user groups to conform with any control totals defined by TWDB, for example, by county and/or region.

¹⁰ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

¹¹ This shall be a separate chapter as required by 31 TAC §357.22(b).

- j) Prepare population and water demand projection summaries for WUGs using final, adopted projections to be provided by the TWDB, as necessary for presentation in documents.
- k) Consider and include in all appropriate planning documents the projections of population and associated water demands for any new WUGs to be provided by the TWDB.
- l) Modify any associated water demand projections for MWPs, as necessary based on final, adopted projections.
- m) Review the *TWDB DB22 Population* and associated *TWDB DB22 Population-Related Water Demand* reports from the DB22¹² and incorporate these planning database reports into any Technical Memoranda, the IPP, and final RWP (labeled as such and with source reference).
- n) Modify any aggregated water demand summaries, for example, for MWPs, accordingly and present in planning documents.
- o) Update WWP contractual obligations to supply water to other entities and report this information along with projected demands including within DB22 and within any planning memorandums or reports, as appropriate.

Task 3 - Water Supply Analyses¹³

This Task involves updating or adding: a) groundwater, surface water, reuse, and other water source availability estimates, and b) existing WUG and WWP water supplies that were included in the 2021 Regional Water Plan, in accordance with methodology described in **Section 3** of the *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development* for estimating surface water, groundwater, systems, reuse, and other supplies during drought of record conditions. All water availability and water supply estimates will be extended through 2070.

This Task includes performing all work in accordance with TWDB rules and guidance required to:

Meet all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.32.¹⁴

Prepare a standalone chapter¹⁵ to be included in the 2021 RWP that also incorporates of all required DB22 reports into the document.

I) Estimate a) Surface Water Availability and b) Existing WUG and WWP Surface Water Supplies:

1. Select hydrologic assumptions, models, and operational procedures for modeling the region's river basins and reservoirs using the most current TCEQ Water Availability Models (WAMs) in a manner appropriate for assessment of existing surface water supply

¹² RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB22).

¹³ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

¹⁴ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

¹⁵ This shall be a separate chapter as required by 31 TAC §357.22(b).

and regional water planning purposes. Reservoir systems¹⁶ and their yields shall be modeled in accordance with the *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

2. Obtain TWDB Executive Administrator approval of hydrologic assumptions or models and for any variations from modeling requirements in the *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.
3. As necessary and appropriate, modify or update associated WAMs or other models to reflect recent changes to permits, transfers, legal requirements, new water rights, and/or specified operational requirements. Note that incorporating anticipated sedimentation into firm yield analyses is a required consideration that does not require a hydrologic variance approval from the Executive Administrator.
4. Assign available water supplies, as appropriate, to WUGs and WWP including conducting supply analyses for WWPs.
5. Apply the TCEQ WAMs, as modified and approved by TWDB, and/or other appropriate models to quantify firm yield for major reservoirs, reservoir systems, and firm diversion for run-of-river water rights, as determined on at least a monthly time-step basis. Reservoir firm yield shall be quantified based on the most recent measured capacity and estimated capacity in year 2070.
6. Evaluate TCEQ Water System Data Reports¹⁷ from the Drinking Water Watch or Safe Drinking Water Information System (SDWIS) website for municipal WUGs that use surface water and identify any physical constraints limiting existing water supplies to WUGs and/or WWPs. Limitations to be considered based on delivering treated water to WUGs. Other information that the RWPGs collect, for example, survey results, may be included in the evaluation of infrastructure capacity or limitations in delivering treated water to WUGs.
7. Update information on WWP contractual obligations to supply water to other entities including within DB22. Unless the RWPG considers it unlikely that a specific contract will be renewed, water supplies based on contractual agreements shall be assumed to renew at the contract termination date, for example, if the contract provides for renewal or extensions. Report this information within any planning memorandums or reports, as appropriate.
8. Based on the water availability, existing infrastructure, and associated physical and legal limitations, determine the existing surface water supply available from each surface water source to each WUG and WWP (including newly identified WUGs and WWPs) during a drought of record based on source water availability, infrastructure capacity, legal constraints, and/or operational limitations.
9. Complete and update all required data elements for DB22 through the web interface.¹⁸

¹⁶ Reservoir systems must be approved by TWDB and identified as such in DB22.

¹⁷ Available from TCEQ at <http://dww2.tceq.texas.gov/DWW/>.

¹⁸ In accordance with the Guidelines for Regional Water Plan Data Deliverables. RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB22).

10. Compile firm yield and diversion information by Source, WUG, WWP, county, river basin, and planning region as necessary to obtain decadal estimates of existing surface water supply throughout the planning period. This will be facilitated by *TWDB DB22 Water Source Availability* and associated *TWDB DB22 WUG and WWP Existing Water Supply* reports using data provided by RWPGs and made available to all RWPGs through the DB22 interface.
11. Review, confirm the accuracy of, and incorporate the required associated planning database reports directly into the Technical Memorandum, IPP, and adopted RWP under Task 4C (labeled as such and with source reference).

II) Estimate a) Groundwater Availability and b) Existing WUG and WWP Groundwater Supplies:

Obtain and review the Modeled Available Groundwater¹⁹ volumes that are developed by TWDB based on the Desired Future Conditions adopted by Groundwater Management Areas (GMAs). Modeled Available Groundwater volumes for each aquifer will be available from TWDB through the DB22 interface, split into discrete geographic-aquifer units by: Aquifer; County; River Basin; and Region.

1. In areas that were not considered in the DFC process and therefore do not have Modeled Available Groundwater annual volumes but have groundwater supplies, or in RWPGs in which no GCD exists²⁰, develop RWPG-estimated groundwater availability for Board review and approval prior to inclusion in the IPP²¹ and in accordance with the First Amended General Guidelines for Regional Water Plan Development.
2. Consider the impacts of the available Modeled Available Groundwater (MAG) annual volumes on the regional water plan including how it impacts existing water supplies.
3. In areas with Groundwater Conservation District (GCDs), obtain GCD Management Plans and GCD information to be considered when estimating existing supplies and water management strategies under future tasks.
4. Assign available water supplies, as appropriate, to WUGs and WWPs including conducting supply analyses for WWPs.
5. Select hydrologic and other assumptions for distribution of available groundwater for potential future use by WUGs (e.g. via a pro-rationing policy) as existing supply based on models and operational procedures appropriate for assessment of water supply and regional water planning purposes. A specific hydrologic variance request is required to utilize a MAG Peak Factor to accommodate temporary increases in existing annual availability for planning purposes²².

¹⁹ The estimated total pumping from the aquifer that achieves the desired future condition adopted by members of the associated Groundwater Management Area. Modeled Available Groundwater data to be entered into DB22 by TWDB (see guidance document).

²⁰ Related to 84(R) SB 1101 requirements. As of October 2016 these requirements only apply to the North East Texas (Region D) RWPG, as it is the only region currently in the state with no GCDs in its RWPA.

²¹ 31 TAC 357.32(d)(2).

²² Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

6. Evaluate TCEQ Water System Data Reports²³ from the Drinking Water Watch or Safe Drinking Water Information System (SDWIS) website for municipal Water User Groups using groundwater and identify any physical constraints limiting existing water supplies to WUGs and/or WWP. Limitations to be considered based on delivering treated water to WUGs. Other information that the RWPGs collect, for example, survey results, may be included in the evaluation of infrastructure capacity or limitations in delivering treated water to WUGs.
7. Update information on WWP contractual obligations to supply water to other entities including within DB22. Unless the RWPG considers it unlikely that a specific contract will be renewed, water supplies based on contractual agreements shall be assumed to renew at the contract termination date, for example, if the contract provides for renewal or extensions. Report this information within any planning memorandums or reports, as appropriate.
8. Compile and/or update information regarding acquisitions of groundwater rights, for example, for transfer to municipal use, and account for same in the assessment of both availability and existing groundwater supplies.
9. Based on the water availability, existing infrastructure, and associated physical and legal limitations, determines the existing groundwater supply available from each water source to each WUG and WWP (including newly identified WUGs and WWPs) during a drought of record based on water availability, infrastructure capacity, legal constraints, and/or operational limitations.
10. Complete and update all required data elements for DB22 through the web interface.²⁴
11. Compile groundwater availability information by Source, Water User Group, Wholesale Water Provider, county, river basin, and planning region as necessary to obtain decadal estimates of supply throughout the planning period. This will be facilitated by *TWDB DB22 Water Source Availability* and associated *TWDB DB22 WUG and WWP Existing Water Supply* reports using data provided by RWPGs and made available to all RWPGs.

III) Estimate System, Reuse, and Other Types of Existing Supplies

Systems, Reuse, and Other Water Supplies

1. Integrate firm water supplies for WUGs using a system of supply sources (e.g., surface water, storage, and groundwater).
2. Research and quantify existing supplies and commitments of treated effluent through direct and indirect reuse.
3. Compile systems, reuse, and other availability information by source, water user group, wholesale water provider, county, river basin, and planning region as necessary to obtain decadal estimates of supply throughout the planning period.

²³ Available from TCEQ at <http://dww2.tceq.texas.gov/DWW/>.

²⁴ In accordance with the Guidelines for Regional Water Plan Data Deliverables. RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB22).

4. Assign available water supplies, as appropriate, to WUGs and WWP's including conducting demand analyses for WWP's.
5. Identify and sub-categorize existing sources in DB22 to extract unique sources. In addition to surface water, groundwater, and reuse, for example, further clarify the source types in DB22 to subcategorize other specific water sources such as desalinated groundwater or desalinated surface water, and seawater desalination, and any other supply types that are connected supplies.
6. Review and confirm the accuracy of the *TWDB DB22 Availability* and associated *TWDB DB22 Existing Water Supply* reports from DB22 and incorporate these planning database reports directly into the Technical Memorandum and other planning documents (labeled as such and with source reference).
7. Identify any physical constraints limiting these existing water supplies to WUGs and/or WWP's including based on TCEQ Water System Data Reports²⁵. Limitations to be considered based on delivering treated water to WUGs. Other information that the RWPGs collect, for example, survey results, may be included in the evaluation of infrastructure capacity or limitations in delivering treated water to WUGs.
8. Update information on WWP contractual obligations to supply water to other entities including within DB22. Unless the RWPG considers it unlikely that a specific contract will be renewed, water supplies based on contractual agreements shall be assumed to renew at the contract termination date, for example, if the contract provides for renewal or extensions. Report this information within any planning memorandums or reports, as appropriate.
9. Based on the water availability, existing infrastructure, and associated physical and legal limitations, determines the existing system, reuse, and other water supplies available from each water source to each WUG and WWP (including newly identified WUGs and WWP's) during a drought of record based on source water availability, infrastructure capacity, legal constraints, and/or operational limitations.
10. Complete and update all required data elements for DB22 through the web interface.
11. Compile these supplies by source, water user group, wholesale water provider, county, river basin, and planning region as necessary to obtain decadal estimates of existing surface water supply throughout the planning period. This will be facilitated by *TWDB DB22 Water Source Availability* and associated *TWDB DB22 WUG and WWP Existing Water Supply* reports using data provided by RWPGs and made available to all RWPGs through the DB22 interface.
12. Review, confirm the accuracy of, and incorporate the required associated planning database reports directly into the Technical Memorandum, IPP, and adopted RWP under Task 4C (labeled as such and with source reference).

²⁵ Available from TCEQ at <http://dww2.tceq.texas.gov/DWW/>.

13. Technical Memo, IPP, and adopted RWP shall include a written summary of all WAM and GAM models on which the surface and groundwater availability in the RWP is based (except for availability associated with MAGs), to include:
- the named/labeled version (incl. date) of each model used;
 - a summary of any modifications to each model and the date these modifications were approved by the EA;
 - name of the entity/firm that performed the model run; and
 - the dates of the model runs.²⁶

Includes all work required to coordinate with other planning regions to develop and allocate estimates of water availability and existing water supplies.

Task 4A – Identification of water needs (WUG analysis to be performed by TWDB) ²⁷

Work shall include but not be limited to the following:

1. In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.33.²⁸
2. Prepare a standalone chapter²⁹ to be included in the 2021 RWP that also incorporates of all required DB22 reports into the document.
3. *Based upon updated projections of existing water supply and projected water demands under Tasks 2 and 3, and the associated data entered into DB22, TWDB will update computations of identified water needs (potential shortages) by WUGs and WUG customers of WWP. As decadal estimates of needs (potential shortages) as well as by, county, river basin, and planning region.*
4. *The results of this computation will be provided by TWDB via DB22 to RWPGs in a customizable format that is in accordance with TWDB rules as the TWDB DB22 Identified Water Needs report*
5. Regions may also request additional, unique needs analysis (e.g., for a WWP) that the RWPG considers warranted. Such reports will be provided by TWDB, if feasible based on the DB22 constraints and TWDB resources. The RWPG will need to enter or provide any additional data into DB22 that may be necessary to develop these evaluations.
6. The DB22 needs reports and RWPG-identified water needs for MWPs shall be incorporated by the RWPG into the Technical Memorandum, IPP, and adopted RWP (labeled as such and with source reference).

²⁶ All input files of WAM models shall be included as an electronic appendix in the IPP and RWP.

²⁷ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

²⁸ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

²⁹ This shall be a separate chapter as required by 31 TAC §357.22(b).

7. *Upon request, TWDB will perform a socioeconomic analysis of the economic effects of not meeting the identified water needs and update and summarize potential social and economic effects under this Task. This report will be provided to RWPGs as part of this Task and incorporated into the adopted regional water plans.*
8. If the RWPG chooses to develop its own socioeconomic analysis the resulting socioeconomic report, with documented methodology, shall be incorporated into the IPP and adopted regional water plan by the RWPG.
9. A secondary needs analysis will be calculated by TWDB based on DB22 for all WUGs and WWP for which conservation or direct reuse water management strategies are recommended. The results of this computation will be provided to RWPGs in accordance with TWDB rules and shall be incorporated by the RWPG into the regional water plan as *TWDB DB22 Second-Tier Identified Water Need* report.

Task 4B - Identification of Potentially Feasible Water Management Strategies³⁰

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

1. In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.34(a)(b)(c).³¹
2. Receive public comment on a proposed process to be used by the RWPG to identify and select water management strategies for the 2021 regional water plan. Revise and update documentation of the process by which water management strategies that are potentially feasible for meeting a need were identified and selected for evaluation in the 2021 regional water plan. Include a description of the process selected by the RWPG in the Technical Memorandum and the IPP and adopted regional water plans.
3. Consider the TWDB Water Loss Audit Report, conservation best management practices, and drought management when considering potentially feasible water management strategies as required by rules.
4. Update relevant portions of the regional water plan summary of existing water supply plans for local and regional entities. This Task requires obtaining and considering existing water supply plans. Updated summary to be included in the IPP and adopted regional water plans.
5. Plans to be considered in developing water management strategies include those referenced under 31 TAC §357.22.
6. If no potentially feasible strategy can be identified for a WUG or WWP, document the reason for this in the Technical Memorandum and the IPP and adopted regional water plans.

³⁰ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

³¹ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

7. Consider recent studies and describe any significant changes in water management strategies described as being in the implementation phase in the 2021 RWP as well as any new projects in the implementation phase prior to adoption of the Initially Prepared 2021 Regional Water Plan.
8. Identify potential water management strategies to meet needs for all WUGs and WWPs with identified needs, including any new retail utility WUGs and WWPS that may have been previously aggregated under County-other in the 2016 regional water plan but which are being treated as unique entities for the 2021 regional water plan.
9. Present a list of the potentially feasible water management strategies, in table format, within the Technical Memorandum and the IPP and adopted regional water plans.

Task 4C - Prepare and Submit Technical Memorandum and RWPG Analysis of WUG and MWP Needs³²

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

1. Prepare a concise Technical Memorandum consisting solely of each of the DB22 reports described under Tasks 2A, 2B, 3, 4A, and 4B as required by the *First Amended General Guidelines for Regional Water Plan Development* (Table 2) within the body of the memorandum.
2. Approve submittal of the Technical Memorandum to TWDB at a regular regional water planning group meeting. The Technical Memorandum must be submitted to TWDB in accordance with Section I Article I of the contract.
3. To the extent necessary, this Task budget may also be applied toward effort required to:
 - a) Develop preliminary water needs analyses outside of DB22 that may be necessary due to DB22 not yet being available;
 - b) Prepare, organize, enter, and/or update required data elements for DB22 including data related to existing water supplies or water management strategies.

Task 5A - Evaluation and Recommendation of WMSs and Associated Water Management Strategy Projects (WMSPs)

The objective of this task is to evaluate and recommend WMS and their associated WMSPs, including preparing a separate chapter and subchapter (on conservation recommendations see - Task 5B) to be included in the 2021 RWP that describes the work completed, presents the potentially feasible WMSs, recommended and alternative WMSs and WMSPs, including all the technical evaluations, and presents which water user entities will rely on the recommended WMSs and WMSPs.

Work shall be contingent upon a written notice-to-proceed and shall include but not be limited to the following:

³² Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.34 and §357.35 that is not already included under Tasks 4B, 5A, or 5B.³³
- b) Plans to be considered in developing WMSs include those referenced under 31 TAC §357.22.
- c) Inclusion of a list of the potentially feasible WMSs that were identified by the RWPG. Information to include what past evaluations have been performed for each potentially feasible WMS listed.
- d) Technical evaluations of all categories of potentially feasible WMSs including previously identified or recommended WMSs and newly identified WMSs including drought management and conservation WMSs; WMS and WMSP documentation shall include a strategy description, discussion of associated facilities, project map, and technical evaluation addressing all considerations and factors required under 31 TAC §357.34(d)-(h) and §357.35.
- e) Process of selecting all recommended WMSs and associated WMSPs including development of WMS evaluations matrices and other tools required to assist the RWPG in comparing and selecting recommended WMSs and WMSPs.
- f) Consideration of water conservation and drought contingency plans from each WUG, as necessary, to inform WMS evaluations and recommendations.
- g) Communication, coordination, and facilitation required within the RWPA and with other RWPGs to develop recommendations.
- h) Updates to descriptions and associated technical analyses and documentation of any WMSs and WMSPs that are carried forward from the previous RWP to address:
 - Changed conditions or project configuration
 - Changes to sponsor of WMS and WMSP(s)
 - Updated costs (based on use of required costing tool³⁴)
 - Other changes that must be addressed to meet requirements of 31 TAC §357.34 and §357.35.
- i) Assignment of all recommended WMS water supplies to meet projected needs of specific WUGs.
- j) Documentation of the evaluation and selection of all recommended WMS and WMSPs, including an explanation for why certain types of strategies (e.g., aquifer storage and recovery, seawater desalination, brackish groundwater desalination) may not have been recommended.

³³ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

³⁴ See section 5.1.1 under 'Financial Costs' in *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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- k) Coordination with sponsoring water user groups, wholesale water providers, and/or other resource agencies regarding any changed conditions in terms of projected needs, strategy modifications, planned facilities, market costs of water supply, endangered or threatened species, etc.
- l) If applicable, determination of the “highest practicable level” of water conservation and efficiency achievable (as existing conservation or proposed within a water management strategy) for each WUG that relies on a WMS involving and interbasin transfer to which TWC 11.085 applies. Recommended conservation WMSs associated with this analysis shall be presented by WUG.
- m) Presentation of the water supply plans in the RWP for each WUG and WWP relying on the recommended WMSs and WMSPs.
- n) Consideration of alternative WMSs and WMSPs for inclusion in the plan. Alternative water management strategies must be fully evaluated in accordance with 31 TAC §357.34(d)-(h).
- o) Incorporation of all required DB22 reports into document.
- p) Submission of data through the Regional Water Planning Application (DB22) to include the following work:
 - review of the data,
 - confirmation that data is accurate,
 - incorporation of the required DB22 reports into the draft and final regional water planning chapter document
- q) Review of the chapter document and related information by RWPG members,
- r) Modifications to the chapter document based on RWPG, public, and or agency comments.
- s) Submittal of chapter document to TWDB for review and approval; and
- t) All effort required to obtain final approval of the regional water plan chapter and associated DB22 data by TWDB.
- u) *[SCOPE OF WORK TO BE DETERMINED]*

Scope of Work to be amended based on specific Task 5A scope of work to be developed and negotiated with TWDB. Work under this Task to be performed only after approval and incorporation of Task 5A scope of work and written notice-to-proceed. NOTE: Work effort associated with preparing and submitting a proposed Task 5A scope of work for the purpose of obtaining a written 'notice-to-proceed' from TWDB is not included in Task 5A and shall not be reimbursed under the Contract.

Deliverables: A completed Chapter 5 shall be delivered in the 2021 RWP as a work product to include technical analyses of all evaluated WMSs and WMSPs. Data shall be submitted and finalized through DB22 in accordance with the Guidelines for Regional Water Planning Data Deliverables.

Task 5B - Water Conservation Recommendations

The objective of this task is to prepare a separate subchapter³⁵ of Chapter 5 to be included in the 2021 RWP that consolidates conservation-related recommendations and provide model water conservation plans.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.34(g).³⁶
- b) Consider water conservation plans from each WUG, as necessary, to inform conservation WMSs and other recommendations.
- c) If applicable, explanation of the RWPG's basis for not recommending conservation for WUGs that had identified water needs but did not have a recommended conservation WMS.
- d) If applicable, present what level of water conservation (as existing conservation or proposed within a water management strategy) is considered by the RWPG as the "highest practicable level" of water conservation for each WUG and/or WWP that are dependent upon water management strategies involving interbasin transfers to which TWC 11.085 applies.
- e) Provision of model water conservation plans that may be referenced, instead of included in hard copy, in this subchapter, for example, by using internet links.
- f) Review of the subchapter document and related information by RWPG members,
- g) Modifications to the subchapter document based on RWPG, public, and or agency comments.
- h) Submittal of subchapter document to TWDB for review and approval; and
- i) All effort required to obtain final approval of the regional water plan by TWDB.

Deliverables: A completed Subchapter of Chapter 5 shall be delivered in the 2021 RWP as a work product.

Task 6 - Impacts of Regional Water Plan and Consistency with Protection of Resources

The objective of this task is to prepare a separate chapter³⁷ to be included in the 2021 Regional Water Plan (RWP) that describes the potential impacts of the regional water plan and how the plan

³⁵ This shall be a separate subchapter as required by 31 TAC §357.34(h).

³⁶ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

³⁷ This shall be a separate chapter as required by 31 TAC §357.22(b).

is consistent with long-term protection of water resources, agricultural resources, and natural resources.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.40 and §357.41.³⁸
- b) Evaluation of the estimated cumulative impacts of the regional water plan, for example on groundwater levels, spring discharges, bay and estuary inflows, and instream flows.
- c) Review of the chapter document by RWPG members.
- d) Modifications to the chapter document based on RWPG, public, and or agency comments.
- e) Submittal of chapter document to TWDB for review and approval; and
- f) All effort required to obtain final approval of the regional water plan chapter by TWDB.

Deliverables: A completed Chapter 6 shall be delivered in the 2021 RWP as a work product.

Task 7 – Drought Response Information, Activities and Recommendations

The objective of this task is to prepare a separate chapter³⁹ to be included in the 2021 RWP that: presents information regarding historical droughts and on preparations for drought in the region; develops recommendations for triggers and responses to the onset of drought conditions; evaluates potential emergency responses to local drought conditions; and includes various other drought-related evaluations and recommendations.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.42.⁴⁰
- b) Plans to be considered in developing this chapter include relevant plans referenced under 31 TAC §357.22.
- c) Collecting information on previous and current responses to drought in the region including reviewing drought contingency plans received from each WUG and determining what

³⁸ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

³⁹ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴⁰ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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measures are most commonly used and whether these measures have been recently implemented in response to drought conditions.

- d) Determining whether there is any reliable information on the reduction in demands on individual WUGs caused by their implementation of drought contingency measures.
- e) Process of selecting recommended triggers and actions including any tools required to assist the RWPG in comparing options and making recommendations.
- f) Consideration of drought contingency plans from each WUG, as necessary, to inform WMS evaluations and recommendations.
- g) Coordination and communication, as necessary, with entities in the region to gather information required to develop recommendations.
- h) Summarization of potentially feasible drought management WMS, recommended drought management WMS, and or alternative drought management WMSs, if any, associated with work performed under Task 5A.
- i) If applicable, explanation of the RWPG's basis for not recommending drought management strategies for WUGs that had identified water needs but did not have a recommended drought management WMS.
- j) Development by the RWPG of region-specific model drought contingency plans consistent with TCEQ requirements that, at a minimum, identify triggers for and responses to the most severe drought response stages commonly referred as 'severe', 'critical' and 'emergency' drought conditions.
- k) Summary of any other drought management measures recommended by the RWPG.
- l) Preparation of tabular data for inclusion in chapter.
- m) Review of the chapter document and related information by RWPG members.
- n) Modifications to the chapter document based on RWPG, public, and or agency comments.
- o) Submittal of chapter document to TWDB for review and approval; and
- p) All effort required to obtain final approval of the regional water plan chapter and associated data by TWDB.

Deliverables: A completed Chapter 7 shall be delivered in the 2021 RWP as a work product. Data shall be submitted in the form of tables included in the chapter.

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

The objective of this task is to prepare a separate chapter⁴¹ to be included in the 2021 RWP that presents the RWPG's unique stream segment, unique reservoir site, legislative, administrative, and regulatory recommendations.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.43 and §358.2.⁴²
- b) Plans to be considered in developing this chapter include relevant plans referenced under 31 TAC §357.22.
- c) RWPG consideration and discussion of potential recommendations for designation of ecologically unique stream segments within the RWPA, based on criteria in 31 TAC §358.2.
- d) If applicable, prepare a draft memorandum recommending which stream segments in the region, if any, should be recommended for designation as ecologically unique stream segments. Evaluate and incorporate comments from the regional water planning group. Upon approval by the group, submit the draft memorandum to TWDB and TPWD for comments.
- e) RWPG consideration and discussion of potential recommendations for designation of unique reservoir sites within the RWPA.
- f) If applicable, prepare a draft memorandum recommending designation of unique sites for reservoir development. Evaluate and incorporate comments from the regional water planning group. Upon approval by the group, submit the draft memorandum to TWDB for comments.
- g) RWPG consideration and discussion of potential regional policy issues; identification and articulation of recommendations for legislative, administrative, and regulatory rule changes; and negotiations toward RWPG consensus.
- h) Review of the chapter document and related information by RWPG members.
- i) Modifications to the chapter document based on RWPG, public, and or agency comments.
- j) Submittal of chapter document to TWDB for review and approval; and
- k) All effort required to obtain final approval of the regional water plan chapter by TWDB.

⁴¹ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴² Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

Deliverables: A completed Chapter 8 shall be delivered in the 2021 RWP as a work product.

Task 9 - Water Infrastructure Funding Recommendations

The objective of this task is to reports on how sponsors of recommended WMSPs propose to finance projects as a separate chapter⁴³ to be included in the 2021 RWP .

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.44.⁴⁴
- b) Coordination and communication with sponsoring water user groups, wholesale water providers, and/or other water agencies.
- c) Perform a survey, including the following work:
 - a. Contacting WMSP sponsors/WUGs
 - b. Collection and collation of data
 - c. Documentation of the effectiveness of survey methodology, providing percent survey completions, and whether an acceptable minimum percent survey completion was achieved.
 - d. Submission of data into the online survey tool
- d) Coordination with WUGs and WWP as necessary to ensure detailed needs and costs associated with their anticipated projects are sufficiently represented in the RWP for future funding determinations.
- e) Assisting the RWPG with the development of recommendations regarding the proposed role of the State in financing water infrastructure projects identified in the RWP.
- f) Summarizing the survey results.
- g) Review chapter document and related information by RWPG members.
- h) Submittal of chapter document to TWDB for review and approval; and
- i) All effort required to obtain final approval of the regional water plan chapter and associated DB22 data by TWDB.

Deliverables: A completed Chapter 9 shall be delivered in the 2021 RWP as a work product to include summary of reported financing approaches for all recommended WMSPs. Data shall be submitted and finalized through the online survey tool in accordance with the *Guidelines for Regional Water Planning Data Deliverables*.

⁴³ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴⁴ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

Task 10 - Public Participation and Plan Adoption⁴⁵

The objective of this task is to address public participation, public meetings, eligible administrative and technical support activities, and other requirements and activities eligible for reimbursement and necessary to complete and submit an IPP and final RWP and obtain TWDB approval of the RWP.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable statute requirements governing regional and state water planning this portion of work shall, in particular, include all technical and administrative support activities necessary to meet all the requirements of 31 TAC Chapters 355, 357, and 358 that are not already addressed under the scope of work associated with other contract Tasks but that are necessary and or required to complete and deliver an IPP and final, adopted RWP to TWDB and obtain approval of the adopted RWP by TWDB.⁴⁶
- b) Organization, support, facilitation, and documentation of all meetings/hearings associated with: preplanning meeting; meetings associated with revision of projections; consideration of a substitution of alternative water management strategies; public hearing after adoption of the IPP and prior to adoption of the final RWP; and consideration of a Minor Regional Water Plan Amendments.

Technical Support and Administrative Activities

- c) Attendance and participation of technical consultants at RWPG, subgroup, subcommittees, special and or other meetings and hearings including preparation and follow-up activities.
- d) Developing technical and other presentations and handout materials for regular and special meetings to provide technical and explanatory data to the RWPG and its subcommittees, including follow-up activities.
- e) Collecting and evaluating information, including any information gathering surveys from water suppliers or WUGs, (e.g., on existing infrastructure; existing water supplies; potentially feasible WMSs) and or maintenance of contact lists for regional planning information in the region.
- f) Administrative and technical support and participation in RWPG activities, and documentation of any RWPG workshops, work groups, subgroup and/or subcommittee activities.
- g) Technical support and administrative activities associated with periodic and special meetings of the RWPG including developing agendas and coordinating activities for the RWPG.

⁴⁵ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Fifth Cycle of Regional Water Plan Development*.

⁴⁶ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

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- h) Provision of status reports to TWDB for work performed under this Contract.
- i) Development of draft and final responses for RWPG approval to public questions or comments as well as approval of the final responses to comments on RWP documents.
- j) Intraregional and interregional coordination and communication, and or facilitation required within the RWPA and with other RWPGs to develop a RWP including with water suppliers or other relevant entities such as groundwater conservation districts, WUGs, and or WWP.
- k) Incorporation of all required DB22 reports into RWP document.
- l) Modifications to the RWP documents based on RWPG, public, and or agency comments.
- m) Preparation of a RWP chapter summarizing Task 10 activities including review by RWPG and modification of document as necessary.
- n) Development and inclusion of Executive Summaries in both IPP and final RWP.
- o) Production, distribution, and submittal of all draft and final RWP-related planning documents for RWPG, public and agency review, including in hard-copy format when required.
- p) Assembling, compiling, and production of the completed IPP and Final Regional Water Plan document(s) that meet all requirements of statute, 31 TAC Chapters 355, 357 and 358, Contract and associated guidance documents.
- q) Submittal of the RWP documents in both hard copy and electronic formats to TWDB for review and approval; and all effort required to obtain final approval of the RWP by TWDB.

Other Activities

- r) Review of all RWP-related documents by RWPG members.
- s) Development and maintenance of a website for public posting of RWPG information.
- t) Limited non-labor, direct costs associated with maintenance of the RWPG website.
- u) Development of agendas, presentations, and handout materials for the public meetings and hearings to provide to the general public.
- v) Documentation of meetings and hearings to include recorded minutes and or audio recordings as required by the RWPG bylaws and archiving and provision of minutes to public.
- w) Preparation and transmission of correspondence, for example, directly related to public comments on RWP documents.
- x) Promoting consensus decisions through conflict resolution efforts including monitoring and facilitation required to resolve issues between and among RWPG members and

stakeholders in the event that issues arise during the process of developing the RWP, including mediation between RWPG members, if necessary.

- y) RWPG membership solicitation activities.
- z) Meeting all posting, meeting, hearing and other public notice requirements in accordance with the open meetings act, statute, and 31 TAC §357.21 and any other applicable public notice requirements.
- aa) Solicitation, review, and dissemination of public input, as necessary.

Deliverables: Complete IPP and final, adopted RWP documents shall be delivered as work products. This includes a completed Chapter 10 summarizing public participation activities and appendices with public comments and RWPG responses to comments.

Task 11 – Implementation and Comparison to the Previous Regional Water Plan

The objective of this task is to evaluate and recommend water management strategies (WMS) including preparing a separate chapter⁴⁷ to be included in the 2021 RWP that reports on the degree of implementation of WMSs from the previous RWP and summarizes how the new RWP compares to the previous RWP.

Work shall include but not be limited to the following:

- a) In addition to generally meeting all applicable rules and statute requirements governing regional and state water planning under 31 TAC Chapters 357 and 358, this portion of work shall, in particular, include all work necessary to meet all the requirements of 31 TAC §357.45.⁴⁸
- b) Implementation (31 TAC §357.45(a)):
 - I. Coordination and communication with RWPG representatives and sponsors of WMSs, including WUGs and WWP
 - II. Documentation of the level of implementation of each WMS that was recommend in the previous regional water plan
 - III. Submission of implementation results data in the online survey tool and in spreadsheet format
 - IV. To the extent feasible, identify other projects implemented by these entities that are not included in the previous RWP
- c) Comparison to the Previous Regional Water Plan (31 TAC §357.45(b)):
 - I. Compare the RWP to the previous RWP by chapter in the new RWP
 - II. Summarize differences quantitatively and qualitatively
 - III. Present information in graphical, tabular, and written format

⁴⁷ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴⁸ Requirements are further explained in the guidance document *First Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

- d) Review of the chapter document and related information by RWPG members.
- e) Modifications to the chapter document based on RWPG, public, and or agency comments.
- f) Submittal of chapter document to TWDB for review and approval; and
- g) All effort required to obtain final approval of the regional water plan chapter and associated DB22 data by TWDB.

Deliverables: A completed Chapter 11 shall be delivered in the 2021 RWP as a work product. Survey data shall be submitted and finalized through the online survey tool in accordance with the Guidelines for Regional Water Planning Data Deliverables.

Task 12 - Prepare and submit prioritization of projects in the 2021 Regional Water Plan

The objective of this task is to prioritize the projects in the 2021 regional water plan by applying the uniform standards developed by the HB4 Stakeholder Committee and approved by the governing Board of TWDB. RWPGs shall prioritize projects based on the latest TWDB-approved version of the uniform standards, as updated or clarified, available at the time of required draft or final prioritization submittal. These uniform standards will be made available on the TWDB website.

TWDB will provide to the RWPGs an alphabetized **region-sponsor- strategy prioritization template** that contains projects that the region must prioritize under this Task. The alphabetized region-sponsor-strategy prioritization template is based upon the recommended water management strategies in the 2021 regional water plan, as provided by the RWPG to TWDB in the state water plan database (DB22).

Work includes, but is not limited to, the following:

1. Applying all of the uniform standards to each project and filling in the prioritization template provided by TWDB.
2. Approval of submittal to TWDB of the final prioritization template at regular regional water planning group meetings.
3. Submission to TWDB of the final prioritization templates in the same format as provided by TWDB and that displays each uniform standard score, for each project.

Deliverables: A completed prioritization of projects submitted in the form of a filled-in region-sponsor-strategy prioritization template to TWDB by the submittal date of the final adopted RWP⁴⁹.

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⁴⁹ The prioritized projects shall be submitted separately with the adopted RWP as required by 31 TAC §357.46.

Appendix B:

Task Budget for Detailed Scope of Work by Task

Task Budget for Detailed Scope of Work by Task

<i>Planning Task</i>	<i>Description</i>	<i>Amount</i>
1	Planning Area Description	\$17,408.00
3	Water Supply Analyses	\$104,594.00
4A	Identification of Water Needs	\$12,715.00
4B	Identification of Potentially Feasible Water Management Strategies & Water Management Strategy Projects	\$18,912.00
4C	Prepare & Submit Technical Memorandum	\$18,777.00
5A	Evaluation & Recommendation of Water Management Strategies & Water Management Strategy Projects	\$373,405.00
5B	Water Conservation Recommendations	\$38,405.00
6	Impacts of Regional Water Plan	\$44,941.00
7	Drought Response, Activities & Recommendations	\$94,545.00
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	\$9,797.00
9	Water Infrastructure Funding Recommendations	\$6,096.00
10*	Public Participation and Plan Adoption	\$161,471.00
11	Implementation and Comparison to the Previous Regional Water Plan	\$21,801.00
12	Prepare and Submit Prioritization of Projects in the 2021 Regional Water Plan	\$8,100.00
	Total Additional Funding	\$930,969.00

Appendix C:

SAN ANTONIO RIVER AUTHORITY EXPENSE BUDGET FOR THE SOUTH CENTRAL TEXAS RWPG (REGION L) 2021 RWP

**SAN ANTONIO RIVER AUTHORITY EXPENSE BUDGET FOR THE SOUTH CENTRAL TEXAS RWPG
(REGION L) 2021 REGIONAL WATER PLAN**

CATEGORY	TOTAL AMOUNT
Other Expenses ¹	\$0
Subcontract Services	\$930,969
Voting Planning Member Travel ²	\$0
Total Study Cost ³	\$930,969

¹Eligible Other Expenses are administrative costs associated with Political Subdivisions and are defined to be direct, non-labor costs including:

- a) expendable supplies actually consumed in direct support of the planning process;
- b) direct communication charges;
- c) limited direct costs/fees of maintaining RWPG website domain, website hosting, and/or website – not to exceed \$250.00 per calendar year;
- d) reproduction of materials directly associated with notification or planning activities (currently 10¢ per copy or the actual non-labor direct costs as documented by the Contractor);
- e) direct postage (e.g., postage for mailed notification of funding applications or meetings); and
- f) other direct costs of public meetings, all of which must be directly related to planning (e.g., newspaper and other public notice posting costs).

²Voting Planning Member Travel Expenses is defined as eligible mileage expenses incurred by regional water planning members that cannot be reimbursed by any other entity, political subdivision, etc. as certified by the voting member. The reimbursed amount is limited to the maximum amounts authorized for state employees by the General Appropriations Act, Tex. Leg. Regular Session, 2013, Article IX, Part 5, as amended or superseded.

³Ineligible Expenses include, but are not limited to:

- a) Compensation for the time or expenses of RWPGs members' service on or for the RWPG;
- b) Costs of administering the RWPGs, including labor costs, or building, or overhead costs associated with the Political Subdivision;
- c) Indirect or labor costs of public notice and meetings, including time and expenses for attendance at such meetings;
- d) Costs for training;
- e) Costs of reviewing products developed due to funding requests to TWDB;
- f) Costs of administering the regional water planning grant and associated contracts;
- g) Labor, reproduction, or distribution of newsletters;
- h) Direct costs greater than \$250.00 per year for domain fees, website hosting, and/or web site maintenance costs;
- i) Food, drink, or lodging for Regional Water Planning Group members (including tips and alcoholic beverages);
- j) Purchase, rental, or depreciation of equipment (e.g., computers, copiers, fax machines);
- k) General purchases of office supplies not documented as consumed directly for the planning process; and
- l) Costs associated with social events or tours.

Appendix D:

Estimated Task Schedule

2021 South Central Texas Regional Water Plan
Estimated Schedule

Task/ Chapter	Description	2017												2018												2019												2020											
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1	Planning Area Description																																																
2	Population/Water Demands																																																
3	Water Supply Analyses																																																
4A	Identification of Water Needs																																																
4B	Identification of Potentially Feasible WMS & WMS Projects																																																
4C	Prepare & Submit Tech Memorandum																																																
5A	Evaluation & Recommendation of WMS & WMS Projects																																																
5B	Water Conservation Recommendations																																																
6	Impacts of Regional Water Plan																																																
7	Drought Response, Activities, & Recommendations																																																
8	Policy Recommendations & Unique Sites																																																
9	Infrastructure Financing Analysis																																																
10	Public Participation & Plan Adoption																																																
11	Implementation & Comparison to Previous Plan																																																
TBD	Prioritization																																																

KEY:

↑

Scheduled Region L Meetings

↑

Anticipated Region L Meetings

★

Currently Funded Tasks

★

Public Hearing(s) on 2021 IPP

Anticipated Activity

Priority Uncertainty

Tech Memo
Sep 10, 2018

2021 IPP Due
Mar 3, 2020

2021 RWP Due
Sep 2, 2020

Appendix E:
Proof of Notice

FROM: South Central Texas Regional Water Planning Group (Region L)
DATE: February 10, 2017
SUBJECT: Notice of Application for Regional Water Planning Grant Funding to Complete the Fifth Cycle of Regional Water Planning

NOTICE TO PUBLIC
REGIONAL WATER PLANNING

Notice is hereby given that the San Antonio River Authority will submit by 12:00 pm (noon) on February 21, 2017, a grant application for financial assistance to the Texas Water Development Board (TWDB) on behalf of Region L, to carry out planning activities to develop the 2021 Region L Regional Water Plan as part of the state's Fifth Cycle (2017 – 2021) of Regional Water Planning.

The South Central Texas Regional Water Planning Group (Region L) includes the following counties: Atascosa, Bexar, Caldwell, Calhoun, Comal, Dewitt, Dimmit, Frio, Goliad, Gonzales, Guadalupe, Karnes, Kendall, La Salle, Medina, Refugio, Uvalde, Victoria, Wilson, Zavala and part of Hays Counties.

Copies of the grant application may be obtained from the San Antonio River Authority when it becomes available or online at www.regionltexas.org. Written comments from the public regarding the grant application must be submitted to the San Antonio River Authority and TWDB by no later than March 10, 2017. Comments can be submitted to the San Antonio River Authority (designated administrator for the South Central Texas Regional Water Planning Group) and the TWDB as follows:

For additional information, please contact:

Steve Raabe
Administrative Agent for Region L
South Central Texas Regional Water
Planning Group
c/o San Antonio River Authority
P.O. Box 839980, San Antonio, Texas
78283-3692

Jeff Walker
Executive Administrator
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711-3231

For additional information, please contact Cole Ruiz, San Antonio River Authority, c/o Region L; P.O. Box 839980, San Antonio River Authority, San Antonio, Texas 78283-3692, or David Carter, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711, contracts@twdb.texas.gov.

Public Notice was mailed to the following Region L Water Districts on February 10, 2017:

EVERGREEN UWCD	ATASCOS A	110 WYOMING BLVD	PLEASANTO N	TX	7806 4
AUSTIN COUNTY DRAINAGE DISTRICT 1	AUSTIN	ONE EAST MAIN STREET	BELLVILLE	TX	7741 8
LAS DAMAS MANAGEMENT DISTRICT	AUSTIN	3200 SOUTHWEST FWY STE 2600	HOUSTON	TX	7702 7
BEXAR COUNTY WCID 10	BEXAR	8601 MIDCROWN DR	WINDCREST	TX	7823 9
BEXAR-MEDINA-ATASCOSA COUNTIES WCID 1	BEXAR	PO BOX 170	NATALIA	TX	7805 9
CIBOLO CREEK MUNICIPAL AUTHORITY	BEXAR	PO BOX 930	SCHERTZ	TX	7815 4
CROSSWINDS AT SOUTH LAKE SPECIAL IMPROVEMENT DISTRICT	BEXAR	600 NAVARRO ST STE 500	SAN ANTONIO	TX	7820 5
EAST CENTRAL SUD	BEXAR	PO BOX 570	ADKINS	TX	7810 1
EDWARDS AQUIFER AUTHORITY	BEXAR	1615 N SAINT MARYS ST	SAN ANTONIO	TX	7821 5
SAN ANTONIO MUD 1	BEXAR	PO BOX 696	HELOTES	TX	7802 3
SAN ANTONIO RIVER AUTHORITY	BEXAR	PO BOX 830027	SAN ANTONIO	TX	7828 3
TRINITY GLEN ROSE GCD	BEXAR	6335 CAMP BULLIS RD STE 17	SAN ANTONIO	TX	7825 7
GOFORTH SUD	CALDWELL	8900 NIEDERWALD STRASSE	NIEDERWAL D	TX	7864 0
RANCH AT CLEAR FORK CREEK MUD 1	CALDWELL	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
RANCH AT CLEAR FORK CREEK MUD 2	CALDWELL	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
CALHOUN COUNTY DRAINAGE DISTRICT 10	CALHOUN	PO BOX 553	PORT LAVACA	TX	7797 9
CALHOUN COUNTY DRAINAGE DISTRICT 11	CALHOUN	PO BOX 553	PORT LAVACA	TX	7797 9
CALHOUN COUNTY DRAINAGE DISTRICT 6	CALHOUN	PO BOX 553	PORT LAVACA	TX	7797 9
CALHOUN COUNTY DRAINAGE DISTRICT 8	CALHOUN	PO BOX 553	PORT LAVACA	TX	7797 9
CALHOUN COUNTY MUD 1	CALHOUN	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
CALHOUN COUNTY WCID 1	CALHOUN	PO BOX 553	PORT LAVACA	TX	7797 9
FALCON POINT WCID 1	CALHOUN	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
LA SALLE WCID 1-A	CALHOUN	PO BOX 9	PORT LAVACA	TX	7797 9

LA SALLE WCID 1-B	CALHOUN	PO BOX 9	PORT LAVACA	TX	7797 9
PORT OCONNOR IMPROVEMENT DISTRICT	CALHOUN	PO BOX 375	PORT O CONNOR	TX	7798 2
SEADRIFT DRAINAGE DISTRICT 3-CALHOUN COUNTY	CALHOUN	PO BOX 441	SEADRIFT	TX	7798 3
SOUTH CENTRAL CALHOUN COUNTY WCID 1	CALHOUN	PO BOX 833	PORT LAVACA	TX	7797 9
THE CALHOUN PORT AUTHORITY	CALHOUN	PO BOX 397	POINT COMFORT	TX	7797 8
WEST SIDE CALHOUN COUNTY NAVIGATION DISTRICT	CALHOUN	PO BOX 189	SEADRIFT	TX	7798 3
COMAL COUNTY WATER IMPROVEMENT DISTRICT 1	COMAL	3 GREENWAY PLZ STE 2000	HOUSTON	TX	7704 6
COMAL COUNTY WATER IMPROVEMENT DISTRICT 2	COMAL	3 GREENWAY PLZ STE 2000	HOUSTON	TX	7704 6
COMAL COUNTY WATER RECREATIONAL DISTRICT 1	COMAL	PO BOX 310009	NEW BRAUNFELS	TX	7813 1
COMAL COUNTY WCID 6	COMAL	3200 SOUTHWEST FWY STE 2600	HOUSTON	TX	7702 7
CRYSTAL CLEAR SUD	COMAL	2370 FM 1979	SAN MARCOS	TX	7866 6
REBECCA CREEK MUD	COMAL	600 CONGRESS AVE STE 2100	AUSTIN	TX	7870 1
DEWITT COUNTY DRAINAGE DISTRICT 1	DEWITT	307 N GONZALES ST	CUERO	TX	7795 4
PECAN VALLEY GCD	DEWITT	107 N GONZALES ST	CUERO	TX	7795 4
DICKENS COUNTY WCID 1	DICKENS	RR 1 BOX 80	SPUR	TX	7937 0
WINTERGARDEN GCD	DIMMIT	PO BOX 1433	CARRIZO SPRINGS	TX	7883 4
GOLIAD COUNTY GCD	GOLIAD	PO BOX 562	GOLIAD	TX	7796 3
GONZALES COUNTY UWCD	GONZALES	PO BOX 1919	GONZALES	TX	7862 9
CANYON REGIONAL WATER AUTHORITY	GUADALUPE	850 LAKESIDE PASS	NEW BRAUNFELS	TX	7813 0
GREEN VALLEY SUD	GUADALUPE	PO BOX 99	MARION	TX	7812 4
GUADALUPE COUNTY GCD	GUADALUPE	PO BOX 1221	SEGUIN	TX	7815 6
GUADALUPE COUNTY MUD 3	GUADALUPE	3200 SOUTHWEST FWY STE 2600	HOUSTON	TX	7702 7
YORK VALLEY MUD	GUADALUPE	3200 SOUTHWEST FWY STE 2600	HOUSTON	TX	7702 7
YORKS CREEK IMPROVEMENT DISTRICT	GUADALUPE	745 LAUBACH RD	SEGUIN	TX	7815 5
COUNTY LINE SUD	HAYS	131 S CAMINO REAL	UHLAND	TX	7864 0

CROSSWINDS MUD	HAYS	8500 BLUFFSTONE CV STE B104	AUSTIN	TX	7875 9
DRIFTWOOD ECONOMIC DEVELOPMENT MUNICIPAL MANAGEMENT DISTRICT	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
GREENHAWE WCID 1	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
GREENHAWE WCID 2	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
GUADALUPE-BLANCO RIVER AUTHORITY	HAYS	933 E COURT ST	SEGUIN	TX	7815 5
HAYS COUNTY MUD 4	HAYS	600 CONGRESS AVE STE 2100	AUSTIN	TX	7870 1
HAYS COUNTY MUD 5	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
HAYS COUNTY MUD 6	HAYS	301 CONGRESS AVE STE 2000	AUSTIN	TX	7870 1
HAYS COUNTY WCID 1	HAYS	301 CONGRESS AVE STE 2000	AUSTIN	TX	7870 1
HAYS COUNTY WCID 2	HAYS	301 CONGRESS AVE STE 2000	AUSTIN	TX	7870 1
HAYS TRINITY GCD	HAYS	PO BOX 1648	DRIPPING SPRINGS	TX	7862 0
HEADWATERS MUD	HAYS	8500 BLUFFSTONE CV STE B104	AUSTIN	TX	7875 9
HUDSON RANCH WATER DISTRICT	HAYS	301 CONGRESS AVE STE 2000	AUSTIN	TX	7870 1
NORTH HAYS COUNTY MUD 1	HAYS	8500 BLUFFSTONE CV STE B104	AUSTIN	TX	7875 9
PARKLANDS MUD 1	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 1
PLUM CREEK CONSERVATION DISTRICT	HAYS	PO BOX 328	LOCKHART	TX	7864 4
REUNION RANCH WCID	HAYS	2001 N LAMAR BLVD	AUSTIN	TX	7870 5
ROCK CREEK WCID 1	HAYS	100 CONGRESS AVE STE 1300	AUSTIN	TX	7870 4
SOUTH BUDA WCID 1	HAYS	2001 N LAMAR BLVD	AUSTIN	TX	7870 5
SUNFIELD MUD 1	HAYS	9 GREENWAY PLZ STE 1100	HOUSTON	TX	7704 6
SUNFIELD MUD 2	HAYS	9 GREENWAY PLZ STE 1100	HOUSTON	TX	7704 6

SUNFIELD MUD 3	HAYS	9 GREENWAY PLZ STE 1100	HOUSTON	TX	7704 6
SUNFIELD MUD 4	HAYS	3 GREENWAY PLZ STE 2000	HOUSTON	TX	7704 6
UPPER SAN MARCOS WATERSHED RECLAMATION & FLOOD CONTROL DIST	HAYS	1621 W SAN ANTONIO ST	SAN MARCOS	TX	7866 6
ECLETO CREEK WATERSHED DISTRICT	KARNES	491 N SUNSET STRIP ST STE 103	KENEDY	TX	7811 9
ESCONDIDO WATERSHED DISTRICT	KARNES	491 N SUNSET STRIP ST STE 103	KENEDY	TX	7811 9
HONDO CREEK WATERSHED IMPROVEMENT DISTRICT	KARNES	491 N SUNSET STRIP ST STE 103	KENEDY	TX	7811 9
COW CREEK GCD	KENDALL	216 MARKET AVE STE 105	BOERNE	TX	7800 6
KENDALL COUNTY WCID 1	KENDALL	PO BOX 745	COMFORT	TX	7801 3
KENDALL COUNTY WCID 2	KENDALL	3 GREENWAY PLZ STE 2000	HOUSTON	TX	7704 6
KENDALL COUNTY WCID 2A	KENDALL	1980 POST OAK BLVD STE 1380	HOUSTON	TX	7705 6
LERIN HILLS MUD	KENDALL	3200 SOUTHWEST FWY STE 2600	HOUSTON	TX	7702 7
KENEDY COUNTY GCD	KENEDY	PO BOX 212	SARITA	TX	7838 5
EAST MEDINA COUNTY SUD	MEDINA	PO BOX 628	DEVINE	TX	7801 6
MEDINA COUNTY UWCD	MEDINA	1613 AVENUE K STE 105	HONDO	TX	7886 1
MEDINA COUNTY WCID 1	MEDINA	2161 NW MILITARY HWY STE 400	SAN ANTONIO	TX	7821 3
MEDINA COUNTY WCID 2	MEDINA	PO BOX 337	D HANIS	TX	7885 0
NUECES RIVER AUTHORITY	MEDINA	PO BOX 349	UVALDE	TX	7880 2
REFUGIO COUNTY DRAINAGE DISTRICT 1	REFUGIO	PO BOX 358	TIVOLI	TX	7799 0
REFUGIO COUNTY NAVIGATION DISTRICT	REFUGIO	111 E PLASUELA ST	REFUGIO	TX	7837 7
REFUGIO COUNTY WCID 1	REFUGIO	PO BOX 397	TIVOLI	TX	7799 0
REFUGIO COUNTY WCID 2	REFUGIO	PO BOX 340	REFUGIO	TX	7837 7
REFUGIO GCD	REFUGIO	PO BOX 116	REFUGIO	TX	7837 7
UVALDE COUNTY UWCD	UVALDE	200 E NOPAL ST STE 203	UVALDE	TX	7880 1
QUAIL CREEK MUD	VICTORIA	515 CHUKAR DR	VICTORIA	TX	7790 5

VICTORIA COUNTY DRAINAGE DISTRICT 2	VICTORIA	PO BOX 2832	VICTORIA	TX	7790 1
VICTORIA COUNTY DRAINAGE DISTRICT 3	VICTORIA	PO BOX 680	TELFERNER	TX	7798 8
VICTORIA COUNTY GCD	VICTORIA	2805 N NAVARRO ST STE 210	VICTORIA	TX	7790 1
VICTORIA COUNTY NAVIGATION DISTRICT	VICTORIA	1934 FM 1432	VICTORIA	TX	7790 5
VICTORIA COUNTY WCID 1	VICTORIA	PO BOX 667	BLOOMINGT ON	TX	7795 1
VICTORIA COUNTY WCID 2	VICTORIA	PO BOX 238	PLACEDO	TX	7797 7
ZAVALA COUNTY WCID 1	ZAVALA	PO BOX 358	LA PRYOR	TX	7887 2
ZAVALA DIMMIT COUNTIES WATER IMPROVEMENT DISTRICT 1	ZAVALA	1992 FM 1433	CARRIZO SPRINGS	TX	7883 4

Public Notice was mailed to the following County Judges on February 10, 2017

Atascosa County Judge	Room 6 · 1 Circle Drive	Jourdanton	TX	78026
Bexar County Judge	100 Dolorosa, Suite 104	San Antonio	TX	78205
Caldwell County Judge	P.O. Box906	Lockhart	TX	78644
Calhoun County Judge	211 South Ann Street	Port Lavaca	TX	77979
Comal County Judge	150 North Seguin Ave, Suite 101	New Braunfels	TX	78130
DeWitt County Judge	307 North Gonzales Street	Cuero	TX	77954
Dimmit County Judge	103 North Fifth Street	Carrizo Springs	TX	78834
Frio County Judge	500 E. San Antonio #6	Pearsall	TX	78061
Goliad County Judge	P.O. Box50	Goliad	TX	77963
Gonzales County Judge	P.O. Box77	Gonzales	TX	78629
Guadalupe County Judge	211 W. Court Street	Seguin	TX	78155
Hays County Judge	711 S. Stagecoach Trail, Ste 2008	San Marcos	TX	78666
Karnes County Judge	101 North Panna Maria Ave, Suite 9	Karnes City	TX	78118
Kendall County Judge	201 East San Antonio #127	Boerne	TX	78006
La Salle County Judge	101 Courthouse Square, Suite 107	Cotulla	TX	78014
Medina County Judge	1100 16th Street, Rm 109	Hondo	TX	78861
Refugio County Judge	P.O. Box704	Refugio	TX	78377
Uvalde County Judge	P.O. Box 284	Uvalde	TX	78802
Victoria County Judge	P.O. Box 1968	Victoria	TX	78902
Wilson County Judge	P.O. Box 27	Wilson	TX	78114
Zavala County Judge	200 E. Uvalde	Crystal City	TX	78839

Public Notice was mailed to the following Mayors on February 10, 2017:

Mayor	City of Charlotte	P.O. Box216	Charlotte. Texas 78011-<1216
Mayor	City of Jourdanton	1220 Simmons Ave.	Jourdanton. Texas 78026
Mayor	City of Lytle	P.O. Box743	Lytle. Texas 78052-0743
Mayor	City of Pleasanton	P.O Box209	Pleasanton, Texas 78064-0209
Mayor	City of Poteet	P.O. Box 378	Poteet. Texas 78065-0378
Mayor	City of Alamo Heights	6116 Broadway	San Antonio, Texas 78209
Mayor	City of Balcones Heights	3300 Hillcrest Dr.	Balcones Heights. Texas 78201-7044
Mayor	City of China Grove	2456 FM 1516 S.	China Grove. Texas 78263-5028
Mayor	City of Converse	P.O. Box36	Converse, Texas 78109-0036
Mayor	City of Elmendorf	P.O Box247	Elmendorf, Texas 78112
Mayor	City of Fair Oaks Ranch	7286 Dietz Elkhorn	Boerne. Texas 78015
Mayor	City of Helotes	P.O. Box 507	Helotes, Texas 78023-0507
Mayor	City of Hill Country Village	116 Aspen In.	San Antonio, Texas 78232
Mayor	City of Hollywood Park	#2 Mecca Dr.	San Antonio, Texas 78232
Mayor	City of Kirby	112 Baumann St.	San Antonio. Texas 78219
Mayor	City of Leon Valley	6400 El Verde Rd.	Leon Valley, Texas 78238
Mayor	City of Live Oak	8001 Shin Oak Dr.	San Antonio, Texas 78233
Mayor	City of Olmos Park	119 W. El Prado Dr.	San Antonio, Texas 78212
Mayor	City of Saint Hedwig	P.O Box 40	Saint Hedwig, Texas 78152-0040
Mayor	City of San Antonio	P.O. Box 839966	San Antonio, Texas 78283-3966
Mayor	City of Schertz	1400 Schertz Pkwy.	Schertz, Texas 78154-1634
Mayor	City of Selma	9375 Corporate Drive	Selma. Texas 78154
Mayor	City of Shavano Park	900 Saddletree Ct.	Shavano Park . Texas 78231
Mayor	City of Somerset	7360 E. 6th St.	Somerset, Texas 78069-4409
Mayor	City of Terrell Hills	5100 N. New Braunfels	San Antonio, Texas 78209
Mayor	City of Universal City	2150 Universal City Blvd.	Universal City, Texas 78148-3433
Mayor	City of Von Ormy	PO Box 10	Von Ormy, Texas 78073
Mayor	City of Windcrest	8601 Midcrown	San Antonio, Texas 78239-2516
Mayor	City of Lockhart	P.O. Box 239	Lockhart, Texas 78644-0239
Mayor	City of Luling	509 E. Crockett Dr.	Luling, Texas 78648
Mayor	City of Martindale	P.O. Box365	Martindale, Texas 78655-0365
Mayor	City of Point Comfort	P.O. Box497	Point Comfort. Texas 77978-0497
Mayor	City of Port Lavaca	P.O. Box 105	Port Lavaca, Texas 77979-0105
Mayor	City of Seadrift	P.O. Box 159	Seadrift, Texas 77983-0159
Mayor	City of Bulverde	2962 Barton Hill Dr.	Bulverde, Texas 78163-4608
Mayor	City of Garden Ridge	9400 Municipal Pkwy	Garden Ridge, Texas 78266-2366
Mayor	City of New Braunfels	P.O. Box 311747	New Braunfels. Texas 78131-1747
Mayor	City of Cuero	212 E. Main St.	Cuero, Texas 77954
Mayor	City of Yoakum	P.O. DRAWER 738	Yoakum, Texas 77995-0738
Mayor	City of Yorktown	P.O. Box605	Yorktown, Texas 78164-0605
Mayor	City of Asherton	P.O. Box450	Asherton, Texas 78827-0368
Mayor	City of Big Wells	P.O. Box6B	Big Wells, Texas 78830-0068
Mayor	City of Carrizo Springs	308 Pena St.	Carrizo Springs. Texas 78834
Mayor	City of Dilley	P.O. Box230	Dilley, Texas 78017-0230
Mayor	City of Pearsall	213 S. Oak St.	Pearsall, Texas 78061
Mayor	City of Goliad	P.O. Box 939	Goliad, Texas 77963-0939
Mayor	City of Gonzales	P.O. Drawer 547	Gonzales, Texas 78629-0547
Mayor	City of Nixon	100 W. Third St.	Nixon, Texas 78140-2581

Mayor	City of Smiley	PO Box 321	Smiley, Texas 78159
Mayor	City of Waelder	300 Hwy 90 West	Waelder, Texas 78959
Mayor	City of Cibolo	P.O. Box826	Cibolo, Texas 78108-0826
Mayor	City of Marion	P.O. Box 158	Marion, Texas 78124-0158
Mayor	City of Seguin	P.O. Box 591	Seguin, Texas 78155-0591
Mayor	City of Buda	P.O. Box 1218	Buda. Texas 78610-1218
Mayor	City of Kyle	300 W. Center Sl.	Kyle, Texas 78640-0040
Mayor	City of San Marcos	630 E. Hopkins	San Marcos, Texas 78666
Mayor	City of Wimberley	POBox2027	Wimberley, Texas 78676
Mayor	City of Woodceek	41 Champion Circle	Woodcreek, Texas 78676-3327
Mayor	City of Falls City	P.O. Box 250	Falls City, Texas 78113-0250
Mayor	City of Karnes City	314 E. Calvert Ave.	Karnes City, Texas 78118
Mayor	City of Kenedy	303 W. Main Street	Kenedy, Texas 78119
Mayor	City of Runge	P.O. Box 206	Runge, Texas 78151-0206
Mayor	City of Boerne	402 E Blanco Rd.	Boerne, Texas 78006-2008
Mayor	City of Cotulla	117 N. Front St.	Cotulla. Texas 78014
Mayor	City of Castroville	1209 Fiorella St.	Castroville, Texas 78009
Mayor	City of Devine	303 S. Teel St.	Devine. Texas 78016
Mayor	City of Hondo	1600 Avenue M	Hondo. Texas 78861
Mayor	City of La Coste	P.O Box308	La Coste, Texas 78039-0112
Mayor	City of Natalia	P.O. Box270	Natalia. Texas 78059
Mayor	City of Refugio	613 Commerce St	Refugio, Texas 78377
Mayor	City of Woodsboro	PO Box 632	Woodsboro, Texas 78393-0632
Mayor	City of Sabinal	PO Box838	Sabinal, Texas 78881-0838
Mayor	City of Uvalde	P.O. Box799	Uvalde, Texas 78802
Mayor	City of Victoria	PO Box 1758	Victoria, Texas 77902-1758
Mayor	City of Floresville	11200St.	Floresville. Texas 78114
Mayor	City of La Vernia	P.O. Box225	La Vernia, Texas 78121-0225
Mayor	City of Poth	P.O. Box579	Poth. Texas 78147-0579
Mayor	City of Stockdale	P.O. Box446	Stockdale, Texas 78160-0446
Mayor	City of Crystal City	101 E Dimmit Sl	Crystal City. Texas 78839

Public Notice was mailed to the following RWPG Chairs on February 10, 2017:

C.E. Williams	Panhandle GCD	P.O. Box 637	White Deer, TX 79097
Curtis Campbell	Red River Authority of Texas	P.O. Box 240	Wichita Falls, TX 76307
Jo "Jody" Puckett	City of Dallas Water Utilities	1500 Marilla Street, Rm 4AN	Dallas, TX 75201
Richard LeTourneau		PO Box 12071	Longview, TX 75607
Jesus "Chuy" Reyes	El Paso Co. WID #1	13247 Alameda Ave	Clint TX, 79836
John Grant	Colorado River MWD	P.O. Box 869	Big Spring, TX 79721
Wayne Wilson	Wilson Cattle Company	7026 East OSR	Bryan, TX 77808
Mark Evans	N. Harris Co. Regional Water Authority	P.O. Box 2342	Trinity, TX 75862
Kelley Holcomb	Angelina & Neches River Authority	P.O. Box 387	Lufkin, TX 75902
Jonathan Letz	Kerr County Commissioners Court	700 Main Street, Ste. 101	Kerrville, TX 78028
John E. Burke	John Burke & Associates	496 Shiloh Road	Bastrop, TX 78602
Tomas Rodriguez, Jr.		310 Chetumal Dr	Laredo, TX 78045
Scott Bledsoe, III	Live Oak UWCD	P.O. Box 3	Oakville, TX 78060
Carola Serrato	South Texas Water Authority	P.O. Box 1701	Kingsville, TX 78364
Aubrey Spear	City of Lubbock	P.O. Box 2000	Lubbock, TX 79457
Harrison Stafford, II		508 South Gilbert Street	Edna, TX 77957

Copies of all notices as published showing the name of the newspaper and date on which the notice was published.

NOTICE TO PUBLIC REGIONAL WATER PLANNING

Notice is hereby given that the San Antonio River Authority will submit by 12:00 pm (noon) on February 21, 2017, a grant application for financial assistance to the Texas Water Development Board (TWDB) on behalf of Region L, to carry out planning activities to develop the 2021 Region L Regional Water Plan as part of the state's Fifth Cycle (2017 - 2021) of Regional Water Planning.

The South Central Texas Regional Water Planning Group (Region L) includes the following counties: Atascosa, Bexar, Caldwell, Calhoun, Comal, Dewitt, Dimmit, Frio, Goliad, Gonzales, Guadalupe, Karnes, Kendall, La Salle, Medina, Refugio, Uvalde, Victoria, Wilson, Zavala and part of Hays Counties.

Copies of the grant application may be obtained from the San Antonio River Authority when it becomes available or online at www.regionltexas.org. Written comments from the public regarding the grant application must be submitted to the San Antonio River Authority and TWDB by no later than March 10, 2017. Comments can be submitted to the San Antonio River Authority (designated administrator for the South Central Texas Regional Water Planning Group) and the TWDB as follows:

For additional
information, please contact:

Steve Raabe
Administrative Agent for Region L
South Central Texas Regional Water
Planning Group
c/o San Antonio River Authority
P.O. Box 839980, San Antonio, Texas
78283-3692

Jeff Walker
Executive Administrator
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711-3231

For additional information, please contact Cole Ruiz, San Antonio River Authority, c/o Region L; P.O. Box 839980, San Antonio River Authority, San Antonio, Texas 78283-3692, or David Carter, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711, contracts@twdb.texas.gov.

NOTICE OF PUBLIC HEARING

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The State of Texas,
County of Victoria

Before me, the undersigned authority, on this day personally appeared

Who being by me duly sworn, states on oath that she is the Senior Accountant

Victoria Advocate. A newspaper published in Victoria, Victoria County,

has general circulation in Calhoun, Dewitt, Goliad, Gonzales,

Jackson, Karnes, Lavaca, Matagorda, Refugio, Wharton and Victoria

The attached printed notice for SAN ANTONIO RIVER AUTHORITY

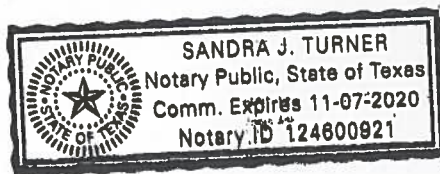
LEGAL #2017074 was published in the Victoria Advocate on the follow

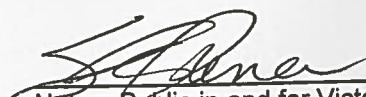
FEBRUARY 10, 2017



OLIVIA GARZA
RETAIL ACCOUNTING

Sworn to and subscribed before me this 10TH day of FEBRUARY




Notary Public in and for Victoria County, Texas

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