

LAVACA REGIONAL PLANNING GROUP



**APPLICATION TO THE
TEXAS WATER DEVELOPMENT BOARD
REQUESTING GRANT FUNDS TO DEVELOP A
REGIONAL WATER PLAN FOR THE
LAVACA REGIONAL WATER PLANNING AREA**

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The RWPGs were created by the State of Texas; however, they do not have their own independent funding mechanism. The State provides appropriations to TWDB, who in turn, provides the necessary funding.□

13. Identify potential sources and amounts of funding available for implementation of viable solutions resulting from proposed planning.

Potential funding sources include Natural Resource Conservation Service matching funds for conservation improvements and the Texas Water Development Board loan fund.

II. PLANNING INFORMATION

- 14. A detailed scope of work for proposed planning.

The major scope items proposed for this planning process are listed below. Please see **Appendix A** for a detailed description of these tasks:

Task 1 - Planning Area Description

Task 2A - Non-Population Related Water Demand Projections

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

Task 3 - Water Supply Analyses

Task 4A - Identification of water needs (analysis to be performed by TWDB)

Task 4B - Identification of Potentially Feasible Water Management Strategies

Task 4C - Prepare and Submit Technical Memorandum

Task 4D - Evaluation and Recommendation of Water Management Strategies (WMSs)

Task 5 - Water Conservation Recommendations

Task 6 - Impacts of Regional Water Plan

Task 7 - Drought Response Information, Activities and Recommendations

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

Task 9 - Report to Legislature on Water Infrastructure Funding Recommendations

Task 10 - Public Participation and Plan Adoption

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

- 15. A task budget for detailed scope of work by task.

Please see **Appendix B**.

- 16. An expense budget for detailed scope of work by expense category.

Please see **Appendix C**.

- 17. A time schedule for completing detailed Scope of Work by task.

Please see **Appendix D**.

- 18. Specific deliverables for each task in Scope of Work.

Deliverables for the scope items are presented with each scope item in **Appendix A**. The main deliverables are a Technical Memorandum and the 2016 Lavaca (Region P) Regional Water Plan.

- 19. Method of monitoring study progress.
Quarterly progress reports to the TWDB, Regional Planning Group, and Lavaca-Navidad River Authority.
- 20. Qualifications and direct experience of proposed project staff.
Qualifications of Lavaca-Navidad River Authority staff can be found in **Appendix E**. The Lavaca-Navidad River Authority has entered into a contract with AECOM to conduct the described planning efforts.

III. WRITTEN ASSURANCES

Written assurance of the following items:

- Proposed planning does not duplicate existing projects;
The proposed planning 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;
Securing funds for water projects in the Lavaca Region is especially difficult due to the fact that the only water needs that have been identified in past plans are agricultural users who are least capable of funding major projects. The completion of the proposed scope items will allow a better definition of users who would stand to benefit from such projects and where funding may be secured for implementing the recommended strategies.

IV. PROOF OF NOTIFICATION

- Proof of notification

Develop or revise regional water plans. Eligible applicants requesting funds to develop or revise regional water plans must, not less than 30 days before board consideration of the application, provide notice that an application for planning assistance is being filed with the executive administrator by:

- (1) publishing notice once in a newspaper of general circulation in each county located in whole or in part in the regional water planning area; and
- (2) mailing notice to each mayor of a municipality with a population of 1,000 or more or which is a county seat and that is located in whole or in part in the regional water planning area, to each county judge of a county located in whole or in part in the regional water planning area, to all districts and authorities created under Texas Constitution, Article III, §52, or Article XVI, §59, located in whole or in part in the regional water planning area based upon lists of such water districts and river authorities obtained from Texas Commission on Environmental Quality, and all regional water planning groups in the state.

The notice must include the following:

- Name and address of applicant and applicant's official representative;
- Brief description of proposed planning area;
- Purpose of the proposed planning;
- Texas Water Development Board Executive Administrator's name (Melanie Callahan) and address; and
- Statement that any comments on the proposed planning must be filed with the applicant and the Texas Water Development Board Interim Executive Administrator within 30 days of

the date on which the notice was mailed.

The Lavaca-Navidad River Authority has complied with this requirement. Copies of the notices can be found in **Appendix F**.

APPENDIX A
SCOPE OF WORK

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Scope of Work for Completion of the Fourth Cycle of Regional Water Planning¹

AUGUST 2012

¹ Note that this updated Scope of Work (SOW) has been modified to align with new regional water planning rules and shall, in its entirety, replace the existing SOW when existing Contracts are amended to incorporate additional funding. Significant changes to current SOW language are shown in strikeout or as new black text. Text that remains from the original SOW is presented in light grey [example here → LIGHT GREY].

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Task 1- Planning Area Description²

The objective of this task is to prepare a standalone chapter³ to be included in the 2016 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 §357.30.⁴
- b) Review and summary of relevant existing planning documents in the region including those that have been developed since adoption of the previous Regional Water Plan. Documents to be summarized include those referenced under 31 TAC §357.22.
- c) Incorporation of all required TWDB Regional Water Planning Application (formerly referred to as the 'online planning database') (DB17) reports into document.
- 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 regional water plan chapter by TWDB.

Deliverables: A completed Chapter 1 describing the Regional Water Planning Area shall be delivered in the 2016 RWP as a work product.

Task 2A - Non-Population Related Water Demand Projections⁵

Texas Water Development Board (TWDB) staff, in conjunction with the Texas Commission on Environmental Quality (TCEQ), Texas Parks and Wildlife Department (TPWD), and Texas Department of Agriculture (TDA) will prepare draft water demand projections for all water demands unrelated to population (e.g. mining, manufacturing, irrigation, steam-electric power, and livestock) with specific attention to updated mining water demand projections to be provided by the TWDB. TWDB staff will update water demand projections for all associated Water User Groups (WUGs) and provide them to RWPGs for their review and input. All projections will be extended through 2070.

² Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

³ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

⁵ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

RWPGs will then review the draft projections and may provide input to TWDB or request specific changes to the projections from TWDB.⁶ If adequate justification is provided by the RWPGs to TWDB, water demand projections may be adjusted by the TWDB. Once RWPG input and revision requests are considered, final water demand projections will be adopted by the TWDB's governing Board (Board). The adopted projections will then be provided to RWPGs. RWPGs must use the Board-adopted projections when preparing their regional water plans.

TWDB will directly populate DB17 with all WUG-level projections and make related changes to DB17 based on Board-adopted projections.

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

1. 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 §357.31.⁷
2. Prepare a standalone chapter⁸(including work from both Tasks 2A & 2B) to be included in the 2016 Regional Water Plan (RWP) that also incorporates all required TWDB DB17 reports into the document.
3. Receive and make publicly available the draft water demand projections provided by TWDB.
4. Evaluate draft water demand projections provided by TWDB.
5. Review comments received from local entities and the public for compliance with TWDB requirements.
6. Provide detailed feedback to TWDB on water demand projections, as necessary, including justification and documentation supporting suggested changes.
7. Prepare and submit numerical requests for revisions, in table 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.
8. Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
9. 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.

⁶ 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)

⁷ Requirements are further explained in the guidance document Updated General Guidelines for Development of 2016 Regional Water Plans.

⁸ This shall be a separate chapter as required by 31 TAC §357.22(b).

10. Prepare water demand projection summaries for WUGs using final, Board-adopted projections to be provided by the TWDB, as necessary.
11. Modify any associated water demand projections for Wholesale Water Providers (WWPs), as necessary based on final, Board-adopted projections.
12. Review the *TWDB DB17 Non-Population Related⁹ Water Demand* report from the DB17 and incorporate this planning database report into the Technical Memorandum and Initially Prepared Plan (IPP) and adopted regional water plans (labeled as such and with source reference).
13. Modify any aggregated water demand summaries, for example, for Wholesale Water Providers (WWPs) or irrigation districts, accordingly incorporate this planning database report into the Technical Memorandum and IPP and adopted regional water plans (labeled as such and with source reference).
14. Update WWP contractual obligations and WUG 'seller' obligations to supply water to other entities and report this information along with projected demands including within the DB17 and within any planning memorandums or reports, as appropriate.

Task 2B - Population and Population-Related Water Demand Projections¹⁰

TWDB staff, in conjunction with the TCEQ, TPWD, and TDA will prepare draft population and associated water demand projections for all population-related water user groups using data from the recent 2010 Census. TWDB staff will update population and associated water demand projections for all Water User Groups (WUGs) and provide them to RWPGs for their review and input. All projections will be extended through 2070.

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, TDA, TCEQ, and TPWD. Once RWPG input and revision requests are considered, final population and associated water demand projections will be adopted by the Board. The adopted projections will then be provided to RWPGs. RWPGs must use the Board-adopted projections when preparing their regional water plans.

TWDB will directly populate the DB17 with all WUG-level projections and make related changes to the DB17 if revisions are made.

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

1. 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 §357.31.¹¹

⁹ All 'TWDB DB17...' 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 the Technical Memorandum and water plan.

¹⁰ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

2. Prepare a standalone chapter¹² (including work from both Tasks 2A & 2B) to be included in the 2016 Regional Water Plan (RWP) that also incorporates all of required TWDB DB17 reports into the document.
3. Receive and make publicly available the draft population and associated water demand projections provided by TWDB.
4. Evaluate draft population and associated water demand projections provided by TWDB.
5. Review comments received from local entities and the public for compliance with TWDB requirements.
6. Provide detailed feedback to TWDB on both population and associated water demand projections, as necessary, including justification and documentation supporting suggested changes.
7. Prepare and submit numerical requests, in table 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.
8. Communicate and/or meet with TWDB staff and/or local entities requesting revisions, as necessary.
9. 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. 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.
11. 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.
12. Modify any associated water demand projections for WWP, as necessary based on final, adopted projections.
13. Review the *TWDB DB17 Population* and associated *TWDB DB17 Population-Related Water Demand* reports from the DB17¹³ and incorporate these planning database reports into the Technical Memorandum and IPP and final regional water plans (labeled as such and with source reference).
14. Modify any aggregated water demand summaries, for example, for Wholesale Water Providers (WWPs), accordingly and present in planning documents.

¹¹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

¹² This shall be a separate chapter as required by 31 TAC §357.22(b).

¹³ RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB17).

15. Update WWP contractual obligations and WUG 'seller' obligations to supply water to other entities and report this information along with projected demands including within DB17 and within any planning memorandums or reports, as appropriate.

Task 3 - Water Supply Analyses¹⁴

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 2011 Regional Water Plan, in accordance with methodology described in **Section 3** of the *Updated General Guidelines for Development of 2016 Regional Water Plans* 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 §357.32.¹⁵

Prepare a standalone chapter¹⁶ to be included in the 2016 Regional Water Plan (RWP) that also incorporates of all required DB17 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 Texas Commission on Environmental Quality (TCEQ) Water Availability Models (WAMs) in a manner appropriate for assessment of existing surface water supply and regional water planning purposes. Reservoir systems¹⁷ and their yields shall be modeled in accordance with the *Updated General Guidelines for Development of 2016 Regional Water Plans*.
2. Obtain TWDB Executive Administrator approval of hydrologic assumptions or models and for any variations from modeling requirements in the *Updated General Guidelines for Development of 2016 Regional Water Plans*.
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.
4. Assign available water supplies, as appropriate, to WUGs and WWPs including conducting supply analyses for WWPs.

¹⁴ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

¹⁵ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

¹⁶ This shall be a separate chapter as required by 31 TAC §357.22(b).

¹⁷ Reservoir systems must be approved by TWDB and identified as such in DB17

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. Compile TCEQ Water System Data Reports¹⁸ 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.

Update information on WWP contractual obligations and WUG 'seller' obligations to supply water to other entities including within DB17.^{19, 12} 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.

7. Based on the water availability, existing infrastructure, and associated physical and legal limitations, determines 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.
8. Complete and update all required data elements for DB17 through the web interface.²⁰
9. 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 DB17 Water Source Availability* and associated *TWDB DB17 WUG and WWP Existing Water Supply* reports using data provided by RWPGs and made available to all RWPGs through the DB17 interface.
10. Review, confirm the accuracy of, and incorporate the required associated planning database reports directly into the Technical Memorandum and IPP and adopted regional water plans 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 Groundwater²¹ 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 DB17 interface, split into discrete geographic-aquifer units by: Aquifer; County; River Basin; Region; and, where applicable, by Groundwater Conservation District (GCD).

¹⁸ Available from TCEQ

¹⁹ Some WUGs have 'seller' obligations even though they are not classified as a WWP.

²⁰ In accordance with the Guidelines for Regional Water Plan Data Deliverables. RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB17).

²¹ 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 DB17 by TWDB (see guidance document).

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, develop availability estimates according to the Updated General Guidelines for Development of 2016 Regional Water Plans.
2. Consider the impacts of the available Modeled Available Groundwater 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.
6. Compile TCEQ Water System Data Reports²² for municipal Water User Groups using groundwater 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 and WUG 'seller' obligations to supply water to other entities including within DB17. 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 DB17 through the web interface.²³

²² Available from TCEQ

²³ In accordance with the Guidelines for Regional Water Plan Data Deliverables. RWPG technical consultants must attend mandatory training on the Regional Water Planning Application (DB17).

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 DB17 Water Source Availability* and associated *TWDB DB17 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.
4. Assign available water supplies, as appropriate, to WUGs and WWPs including conducting demand analyses for WWPs.
5. Identify and sub-categorize existing sources in DB17 to extract unique sources. In addition to surface water, groundwater, and reuse, for example, further clarify the source types in DB17 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 DB17 Availability* and associated *TWDB DB17 Existing Water Supply* reports from DB17 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 WWPs including based on TCEQ Water System Data Reports²⁴. 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 and WUG 'seller' obligations to supply water to other entities including within DB17. 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.

²⁴ Available from TCEQ

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 WWPs) 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 DB17 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 DB17 Water Source Availability* and associated *TWDB DB17 WUG and WWP Existing Water Supply* reports using data provided by RWPGs and made available to all RWPGs through the DB17 interface.
12. Review, confirm the accuracy of, and incorporate the required associated planning database reports directly into the Technical Memorandum and IPP and adopted regional water plans under Task 4C (labeled as such and with source reference).
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.²⁵

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 (analysis to be performed by TWDB)²⁶

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 §357.33.²⁷
2. Prepare a standalone chapter²⁸ to be included in the 2016 Regional Water Plan (RWP) that also incorporates of all required DB17 reports into the document.

²⁵ All input files of WAM models shall be included as an electronic appendix in the IPP and RWP.

²⁶ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

²⁷ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

²⁸ This shall be a separate chapter as required by 31 TAC §357.22(b).

3. *Based upon updated projections of existing water supply and projected water demands under Tasks 2 and 3, and the associated data entered into DB17, TWDB will update computations of identified water needs (potential shortages) by:*

- *WUGs*
- *WWPs*

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 DB17 to RWPGs in a customizable format that is in accordance with TWDB rules as the TWDB DB17 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 DB17 constraints and TWDB resources. The RWPG will need to enter or provide any additional data into DB17, that may be necessary to develop these evaluations.*
6. *The DB17 needs reports shall be incorporated by the RWPG into the Technical Memorandum and IPP and adopted regional water plans (labeled as such and with source reference).*
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 shall be incorporated into the IPP and adopted regional water plan by the RWPG.*

Task 4B - Identification of Potentially Feasible Water Management Strategies²⁹

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).³⁰**
2. *Receive public comment on a proposed process to be used by the RWPG to identify and select water management strategies for the 2016 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 2016 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.*

²⁹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

³⁰ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

3. Consider the TWDB Water Loss Audit Report 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.
7. Consider recent studies and describe any significant changes in water management strategies described as being in the implementation phase in the 2011 RWP as well as any new projects in the implementation phase prior to adoption of the Initially Prepared 2016 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 2011 regional water plan but which are being treated as unique entities for the 2016 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 Memorandum³¹

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 that briefly summarizes the work completed under Tasks 2, 3, 4A, 4B, and 4C and the general findings. To be considered administratively complete, the Technical Memorandum submitted must include:
 14. a summary of work completed that shall be no longer than 5 pages.
 15. each of the DB17 reports described under Tasks 2, 3, 4A, and 4B and as required by the *Updated General Guidelines for Development of 2016 Regional Water Plans* within the body of the memorandum.³²
- 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.

³¹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

³² Also per the *Updated General Guidelines for Development of 2016 Regional Water Plans* document.

Task 4D - Evaluation and Recommendation of Water Management Strategies (WMSs)

The objective of this task is to evaluate and recommend water management strategies (WMS) including preparing a separate chapter³³ and subchapter (on conservation recommendations see - Task 5) to be included in the 2016 Regional Water Plan (RWP) that describes the work completed, presents the potentially feasible WMSs, recommended and alternative WMSs, including all the technical evaluations, and presents which water user entities will rely on the recommended WMSs.

Work shall be contingent upon a written notice-to-proceed and 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 and §357.35 that is not already included under Task 4B or Task 5.³⁴
- b) Plans to be considered in developing water management strategies include those referenced under 31 TAC §357.22.
- c) Inclusion of a list of the potentially feasible water management strategies that were identified by the RWPG. Information to include what past evaluations have been performed for each potentially feasible water management strategy 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 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)(e)(f) and §357.35.
- e) Process of selecting all recommended WMSs including development of WMS evaluations matrices and other tools required to assist the RWPG in comparing and selecting recommended WMSs.
- 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 that are carried forward from the previous RWP to address:
 - Changed conditions or project configuration

³³ This shall be a separate chapter as required by 31 TAC §357.22(b).

³⁴ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- Changes to sponsor of WMS
 - Updated costs (based on use of required costing tool³⁵)
 - Other changes that must be addressed to meet requirements of 31 TAC §357.34 and §357.35.
- i) Assignment of all recommended strategy water supplies to meet projected needs of specific WUGs.
 - j) Documentation of the evaluation and selection of all recommended water management strategies.
 - 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.
 - n) Consideration of alternative WMSs for inclusion in the plan. Alternative water management strategies must be fully evaluated in accordance with 31 TAC §357.34(d)(e)(f).
 - o) Incorporation of all required DB17 reports into document.
 - p) Submission of data through the Regional Water Planning Application (DB17) to include the following work:
 - review of the data,
 - confirmation that data is accurate,
 - incorporation of the required DB17 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 DB17 data by TWDB.
 - u) *[SCOPE OF WORK TO BE DETERMINED]*

³⁵ See section 5.1.2 ‘Financial Costs’ in *Updated General Guidelines for Development of 2016 Regional Water Plans*

Scope of Work to be amended based on specific Task 4D scope of work to be developed and negotiated with TWDB. Work under this Task to be performed only after approval and incorporation of Task 4D scope of work and written notice-to-proceed. NOTE: Work effort associated with preparing and submitting a proposed Task 4D scope of work for the purpose of obtaining a written 'notice-to-proceed' from TWDB is not included in Task 4D and shall not be reimbursed under the Contract.

Deliverables: A completed Chapter 5 shall be delivered in the 2016 RWP as a work product to include technical analyses of all evaluated WMSs. Data shall be submitted and finalized through DB17 in accordance with the Guidelines for Regional Water Planning Data Deliverables.

Task 5 - Water Conservation Recommendations

The objective of this task is to prepare a separate subchapter³⁶ of Chapter 5 to be included in the 2016 Regional Water Plan (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).³⁷
- 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.

³⁶ This shall be a separate subchapter as required by 31 TAC §357.34(g).

³⁷ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

Deliverables: A completed Subchapter of Chapter 5 shall be delivered in the 2016 RWP as a work product.

Task 6 - Impacts of Regional Water Plan

The objective of this task is to prepare a separate chapter³⁸ to be included in the 2016 Regional Water Plan (RWP) that describes the potential impacts of the regional water plan and how the plan 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 §357.41.³⁹
- 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 2016 RWP as a work product.

Task 7 – Drought Response Information, Activities and Recommendations

The objective of this task is to prepare a separate chapter⁴⁰ to be included in the 2016 Regional Water Plan (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:

³⁸ This shall be a separate chapter as required by 31 TAC §357.22(b).

³⁹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

⁴⁰ This shall be a separate chapter as required by 31 TAC §357.22(b).

- 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 §357.42.⁴¹
- 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 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 4D.
- 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

⁴¹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- 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 2016 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 chapter⁴² to be included in the 2016 Regional Water Plan (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 §358.2.⁴³
- 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 Regional Water Planning Area (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.

⁴² This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴³ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- 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.

Deliverables: A completed Chapter 8 shall be delivered in the 2016 RWP as a work product.

Task 9 - Report to Legislature on Water Infrastructure Funding Recommendations

The objective of this task is to evaluate and recommend water management strategies (WMS) including preparing a separate chapter⁴⁴ to be included in the 2016 Regional Water Plan (RWP) that reports on how sponsors of recommended WMSs propose to finance projects.

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 §357.44.⁴⁵
- 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 WMS project 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 WWPs 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.

⁴⁴ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴⁵ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- 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 DB17 data by TWDB.

Deliverables: A completed Chapter 9 shall be delivered in the 2016 RWP as a work product to include summary of reported financing approaches for all recommended WMSs. Data shall be submitted and finalized through the online survey tool in accordance with the *Guidelines for Regional Water Planning Data Deliverables*.

Task 10 Public Participation and Plan Adoption⁴⁶

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 Initially Prepared Plan (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.⁴⁷
- 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 initially prepared plan (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.

⁴⁶ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

⁴⁷ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- 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.
- 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 WWPs.
- k) Incorporation of all required DB17 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) Limited non-labor, direct costs associated with maintenance of the RWPG website.
- t) Development of agendas, presentations, and handout materials for the public meetings and hearings to provide to the general public.

- u) 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.
- v) Preparation and transmission of correspondence, for example, directly related to public comments on RWP documents.
- w) 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.
- x) RWPG membership solicitation activities.
- y) Meeting all posting, meeting, hearing and other public notice requirements in accordance with the open meetings act, statute, and 31 TAC §357.21 and 31 TAC Chapter 355 and any other applicable public notice requirements.
- z) 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 chapter⁴⁸ to be included in the 2016 Regional Water Plan (RWP) that reports on the degree of implementation of WMs 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 §357.45.⁴⁹
- 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

⁴⁸ This shall be a separate chapter as required by 31 TAC §357.22(b).

⁴⁹ Requirements are further explained in the guidance document *Updated General Guidelines for Development of 2016 Regional Water Plans*.

- 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
- 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 DB17 data by TWDB.

Deliverables: A completed Chapter 11 shall be delivered in the 2016 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.

APPENDIX B
TASK BUDGET

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Project Task Budget by Scope Item

Task	Task Description	Budget
1	PLANNING AREA DESCRIPTION	\$ 2,142
4D	EVALUATION AND RECOMMENDATION OF WATER MANAGEMENT STRATEGIES	\$ 109,714
5	CONSERVATION RECOMMENDATIONS	\$ 9,261
6	IMPACTS OF PLAN AND CONSISTENCY WITH PROTECTION OF RESOURCES	\$ 10,971
7	DROUGHT RESPONSE INFORMATION ACTIVITIES AND RECOMMENDATIONS	\$ 11,103
8	UNIQUE SITES AND POLICY RECOMMENDATIONS	\$ 6,002
9	INFRASTRUCTURE FINANCING ANALYSIS	\$ 1,197
10	PUBLIC PARTICIPATION, ADMINISTRATION, AND ADOPTION	\$ 52,882
11	IMPLEMENTATION AND COMPARISON TO THE PREVIOUS PLAN	\$ 9,332
Total Funds		\$ 212,604

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APPENDIX C
EXPENSE BUDGET

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Project Expense Budget

CONTRACTOR (RWPG POLITICAL SUBDIVISION) EXPENSE BUDGET

CATEGORY	TOTAL AMOUNT
Other Expenses ¹	\$0
Subcontract Services – AECOM	\$212,604
Voting Planning Member Travel ²	\$0
TOTAL CONTRACT AMENDMENT COMMITTED FUNDS³	\$212,604

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

- expendable supplies actually consumed in direct support of the planning process;
- direct communication charges;
- limited direct costs/fees of maintaining RWPG website domain, website hosting, and/or website – not to exceed \$250.00 per calendar year;
- 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);
- direct postage (e.g., postage for mailed notification of funding applications or meetings); and
- 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, 2011, Article IX, Part 5, as amended or superseded.

³Ineligible Expenses include, but are not limited to:

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

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APPENDIX D
TIME SCHEDULE

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Proposed* Region P Task Timeline		2011			2012				2013				2014				2015			
		2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
1	Planning Area Description																			
2A	Non Population Related Water Demand Projections																			
2B	Population and Population-Related Water Demand Projections																			
3	Water Supply Analysis																			
4A	Identification of Water Needs**																			
4B	Identification of Potentially Feasible Water Management Strategies																			
4C	Prepare and Submit Technical Memorandum																			
4D	Evaluate and Recommend Water Management Strategies																			
5	Conservation Recommendations																			
6	Impacts of Plan and Consistency with protection of water resources,																			
7	Drought Response Information, Activities and Recommendations																			
8	Unique site and policy recommendation																			
9	Infrastructure Financing Analysis																			
10	Public Participation and Plan Adoption																			
11	Implementation and Comparison to the Previous Regional Water Plan																			

* Subject to modification and final scope of work from consultant and TWDB.

** To be performed by TWDB

 Task work being done
 X TWDB comments being addressed

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APPENDIX E
QUALIFICATIONS AND DIRECT EXPERIENCE OF
PROPOSED PROJECT STAFF

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Patrick Brzozowski, P.E.

Lavaca-Navidad River Authority
P.O. Box 429 Edna, Texas 77957
361-782-5229 Fax 361-782-5310
pbrzozowski@lnra.org

2003 to Present

Lavaca-Navidad River Authority
General Manager

As the Chief Administrative Officer, manages and operates the affairs of the Authority, subject only to Board of Director orders.

1998 to 2003

Lavaca-Navidad River Authority
Water Resource Manager

Manage operation and maintenance of water delivery and utility sections
Manage environmental matters
Reservoir Management Operations

BS Civil Engineering, University of Houston
Registered Professional Engineer

Secretary, Lavaca Regional Water Planning Group
Board Member – Texas Water Conservation Association
Member – American Water Works Association, Texas Water Utilities Association

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APPENDIX F
PROOF OF NOTIFICATION

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LAVACA REGIONAL WATER PLANNING GROUP

P.O. Box 429
Phone: 361-782-5229

Edna, Texas 77957
Fax: 361-782-5310

EXECUTIVE COMMITTEE

Judge Harrison Stafford II
Chairman
Counties

L. G. Raun
Vice-Chairman
Agricultural

Patrick Brzozowski
Secretary
River Authorities

Roy D. Griffin
Electric Service

Ed Weinheimer
Small Businesses

MEMBERS

Tommy Brandenberger
Industries

John Butschek
Municipalities

Gerald Clark
Agricultural

Lester Little
Agricultural

Rodney Jahn
Small Business

Jack Maloney
Municipalities

Robert Martin
Agricultural

Commissioner Philip Miller
Counties

Richard J. Ottis
Industries

Edward Pustka
Public

Robert Shoemate
Environmental

Michael Skalicky
Water Districts

Commissioner David E. Wagner
Counties

From: Lavaca Regional Water Planning Group (Region P)
Date: September 10, 2012
Subject: Notice of Application for Regional Water Planning Grant Funding for the Completion of the Fourth Cycle of Regional Water Planning

NOTICE TO PUBLIC REGIONAL WATER PLANNING

Notice is hereby given that the Lavaca-Navidad River Authority (LNRA) will submit by 5:00 p.m. October 4, 2012, a grant application for financial assistance to the Texas Water Development Board (TWDB) on behalf of Region P, to carry out planning activities to develop the 2016 Lavaca Regional Water Plan in completion of the state's Fourth Cycle (2012 -2016) of Regional Water Planning.

The Lavaca Regional Water Planning Group (Region P) includes the following counties: Lavaca, Jackson, and Wharton (partial)

Copies of the grant application may be obtained from LNRA when it becomes available or online at www.lnra.org/LRWPG.asp. Written comments from the public regarding the grant application must be submitted to LNRA and TWDB by no later than October 17, 2012. Comments can be submitted to LNRA and the TWDB as follows:

Patrick Brzozowski, Administrative Agent for Region P
Lavaca-Navidad River Authority
P.O. Box 429
Edna, TX 77957

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

For additional information, please contact: Patrick Brzozowski, LNRA, c/o Region P; P.O. Box 429, Edna, TX 77957, (361) 782-5229, and pbrzozowski@lnra.org

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LAVACA REGIONAL WATER PLANNING GROUP

P.O. Box 429
Phone: 361-782-5229

Edna, Texas 77957
Fax: 361-782-5310

EXECUTIVE COMMITTEE

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L. G. Raun
Vice-Chairman
Agricultural

Patrick Brzozowski
Secretary
River Authorities

Roy D. Griffin
Electric Service

Ed Weinheimer
Small Businesses

MEMBERS

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Municipalities

Gerald Clark
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Lester Little
Agricultural

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Commissioner Philip Miller
Counties

Richard J. Ottis
Industries

Edward Pustka
Public

Robert Shoemate
Environmental

Michael Skalicky
Water Districts

Commissioner David E. Wagner
Counties

From: Lavaca Regional Water Planning Group (Region P)
Date: September 10, 2012
Subject: Notice of Application for Regional Water Planning Grant Funding for the Completion of the Fourth Cycle of Regional Water Planning

NOTICE TO PUBLIC REGIONAL WATER PLANNING

Notice is hereby given that the Lavaca-Navidad River Authority (LNRA) will submit by 5:00 p.m. October 4, 2012, a grant application for financial assistance to the Texas Water Development Board (TWDB) on behalf of Region P, to carry out planning activities to develop the 2016 Lavaca Regional Water Plan in completion of the state's Fourth Cycle (2012 -2016) of Regional Water Planning.

The Lavaca Regional Water Planning Group (Region P) includes the following counties: Lavaca, Jackson, and Wharton (partial)

Copies of the grant application may be obtained from LNRA when it becomes available or online at www.lnra.org/LRWPG.asp. Written comments from the public regarding the grant application must be submitted to LNRA and TWDB by no later than October 17, 2012. Comments can be submitted to LNRA and the TWDB as follows:

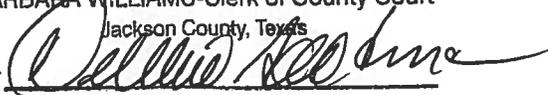
Patrick Brzozowski P.E., Administrative Agent for Region P
Lavaca-Navidad River Authority
P.O. Box 429
Edna, TX 77957

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

For additional information, please contact: Patrick Brzozowski, LNRA, c/o Region P; P.O. Box 429, Edna, TX 77957, (361) 782-5229, and pbrzozowski@lnra.org

FILED

9-10-12 at 10:00 AM
BARBARA WILLIAMS-Clerk of County Court
Jackson County, Texas

BY 

RECEIVED
SEP 13 2012

LAVACA NAVIDAD RIVER AUTHORITY

LAVACA REGIONAL WATER PLANNING GROUP

P.O. Box 429
Phone: 361-782-5229

Edna, Texas 77957
Fax: 361-782-5310

EXECUTIVE COMMITTEE

Judge Harrison Stafford II
Chairman
Counties

L. G. Raun
Vice-Chairman
Agricultural

Patrick Brzozowski
Secretary
River Authorities

Roy D. Griffin
Electric Service

Ed Weinheimer
Small Businesses

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Lavaca-Navidad River Authority
P.O. Box 429
Edna, TX 77957

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

For additional information, please contact: Patrick Brzozowski, LNRA, c/o Region P; P.O. Box 429, Edna, TX 77957, (361) 782-5229, and pbrzozowski@lnra.org

FILED FOR RECORD
At 8:05 O'Clock A M

SEP 12 2012

ELIZABETH A. KOUBA, CLERK
COUNTY COURT, LAVACA CO, TEXAS
By *[Signature]* Deputy

RECEIVED
SEP 17 2012
LAVACA NAVIDAD RIVER AUTHORITY

POSTED

9-13-12 10:50 AM

LAVACA REGIONAL WATER PLANNING GROUP

P.O. Box 429
Phone: 361-782-5229

Edna, Texas 77957
Fax: 361-782-5310

EXECUTIVE COMMITTEE

Judge Harrison Stafford II
Chairman
Counties

L. G. Raun
Vice-Chairman
Agricultural

Patrick Brzozowski
Secretary
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Roy D. Griffin
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Robert Martin
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Water Districts

Commissioner David E. Wagner
Counties

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Patrick Brzozowski P.E., Administrative Agent for Region P
Lavaca-Navidad River Authority
P.O. Box 429
Edna, TX 77957

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

For additional information, please contact: Patrick Brzozowski, LNRA, c/o Region P; P.O. Box 429, Edna, TX 77957, (361) 782-5229, and pbrzozowski@lnra.org

PUBLISHER'S AFFIDAVIT

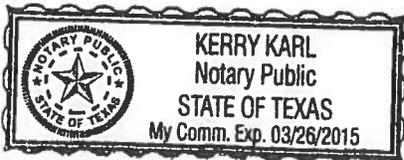
STATE OF TEXAS
COUNTY OF JACKSON

Personally appeared before the undersigned, a notary public within and for said County and State, Chris Lundstrom, General Manager of THE JACKSON COUNTY HERALD-TRIBUNE a newspaper having general circulation in Jackson County, Texas, who, being duly sworn, states on oath that the foregoing attached notice was published in said newspaper on the following date(s), to wit:

9/12/12

Chris Lundstrom
Chris Lundstrom, General Manager

Subscribed and sworn to me before this 18 day of Sept., 2012
to certify which witness my hand and seal of office.



Kerry Karl

**AFFIDAVIT OF PUBLICATION
STATE OF TEXAS**

COUNTY OF LAVACA

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

Kristie Bludau (Name), the General Manager (TITLE)

of Hallettsville Tribune-Herald, a newspaper having general circulation in Lavaca County, Texas, who being by me duly sworn, deposes and says that the foregoing attached advertising was published in said newspaper on

the following date(s), to wit: Wednesday, September 12, 2012

2x3.75 Notice to Public - Lavaca - Navidad River Authority

[Signature]
(Signature)

Kristie Bludau
(Print Name)

Subscribed and sworn to before me this the 18th day of September, 2012
to certify which witness my hand and seal of office.



Margaret A. Pozzi
Notary Public in and for Lavaca County, Texas.

**Lavaca-Navidad River Authority
Public Notice**

STATE OF TEXAS

COUNTY OF WHARTON

Before me, the undersigned authority, on this day personally appeared **Jay Strasner**, the publisher of the **El Campo Leader-News**, a newspaper having general circulation in Wharton County, Texas, who being by me duly sworn, deposes and says that the foregoing attached notice was published in said newspaper on the following date(s), to wit:

September 12

Subscribed and sworn to before me this

The 12th day of **September 2012**,

to certify which witness my hand and seal of office.



Jay Strasner, Publisher



Diana David



Notary Public in and for
Wharton County, Texas

The Honorable Dennis Simons
Jackson County Judge
115 West Main, Room 207
Edna, Texas 77957

The Honorable Joe Hermes
Mayor, City of Edna
126 West Main
Edna, Texas 77957

The Honorable Clinton Tegeler
Mayor, City of Ganado
P.O. Box 264
Ganado, Texas 77962

The Honorable Joel Hunt
Mayor, City of LaWard
P.O. Box 178
LaWard, Texas 77970

The Honorable Tramer Woytek
Lavaca County Judge
P.O. Box 243
Hallettsville, Texas 77964

The Honorable Warren Grindeland
Mayor, City of Hallettsville
101 North Main
Hallettsville, Texas 77964

The Honorable Kathy Koranek
Mayor, City of Moulton
P.O. Box 369
Moulton, Texas 77975

The Honorable Laura Watzlavick
Mayor, City of Shiner
P.O. Box 308
Shiner, Texas 77984

The Honorable Anita Rodriguez
Mayor, City of Yoakum
P.O. Box 738
Yoakum, Texas 77995

The Honorable John Wesley Murrile
Wharton County Judge
309 East Milam, Suite 600
Wharton, Texas 77488

The Honorable Randy Collins
Mayor, City of El Campo
315 Jackson Street
El Campo, Texas 77437

The Honorable Bryan Kocian
Mayor, City of Wharton
120 East Caney Street
Wharton, Texas 77488

C.E Williams, Chair
Panhandle GCD Region A
Box 637
White Deer, TX 79097

Bret McCoy, Chair
North East Texas Region D
700 CR 3347
Omaha, Texas 75571

Wayne Wilson Chair
Brazos Water Planning
Region G
7026 East OSR
Bryan, TX 77808

Jonathan Letz, Chair
Plateau Water Planning Group Region J
700 Main Street, Suite 101
Kerrville, Texas 78028

Glenn Jarvis, Chair
Rio Grande Water Group M
1801 South Second Street, Suite 550
McAllen, Texas 78503

Harold Brown, Chair
Llano Estacado Water Planning
Region O
3101 19th Street
Lubbock, Texas 79410-1402

Curtis Campbell, Chair
Red River Authority of Texas
Region B
P. O. Box 240
Wichita Falls, Texas 76307

Tom Beard, Chair
Far West Region E
P. O. Box 668
Alpine, Texas 79831

Mark Evans, Chair
Trinity County Courthouse
Region H
P.O. Box 457
Groveton, Texas 75845

John Burke, Chair
Region K
496 Shiloh Road
Bastrop, Texas 78602

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South Texas Water Authority, Region N
P. O. Box 1701
Kingsville, Texas 78364

James Parks
N. Texas Municipal Water District
Region C
P. O. Box 2408
Wylie, Texas 75098

John Grant, Chair
Colorado River MWD
Region F
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Big Spring, Texas 79721-0869

Kelley Holcomb, Chair
Angelina & Neches River Authority
Region I
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Lufkin, Texas 75902-0387

Con Mims, Chair
Nueces River Authority, Region L
P. O. Box 349
Uvalde, Texas 78802-0349

Scott Bledsoe III, Co-Chair
Region N
Live Oak UWCD
P. O. Box 3
Oakville, Texas 78060

Harrison Stafford II
508 Gilbert
Edna, Texas 77957

Commissioner David E. Wagner
498 LCR 367A
Shiner, TX 77984

Jack Maloney
City of Yoakum
P.O. Box 738
Yoakum, TX 77995

Roy D. Griffin
Jackson County Electric Coop
P. O. Box 1189
Edna, Texas 77957

Tommy Brandenberger
2423 FM 2314
Hallettsville, TX 77964

Ed Weinheimer
P. O. Box 212
El Campo, Texas 77437

John Butschek
700 N. Dowling Street
Hallettsville, Texas 77964

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108 Raska Drive
Yoakum, Texas 77995

Gerald Clark
501 Jackson
Edna, Texas 77957

Michael Skalicky
P. O. Box 428
Ganado, Texas 77962

Lester Little
7006 CR 138
Hallettsville, Texas 77964

Commissioner Philip Miller
Wharton County PCT #3
Route 3, Box 110
El Campo, Texas 77437

Richard J. Ottis
P. O. Box 1545
El Campo, Texas 77437

Robert Shoemate
P. O. Box 741
Edna, Texas 77957

L. G. Raun
311 Avenue A
El Campo, Texas 77437

Neil Hudgins
P.O. Box 341
109 E. Milam
Wharton, TX 77488

Patrick Brzozowski
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Edna, Texas 77957

Edward Pustka
6865 FM 340
Hallettsville, Texas 77964

Virginia Sabia Wilkinson
Senior Planner, AECOM Water
400 W. 15th Street, Suite 500
Austin, TX 78701

Lann Bookout, P.E.
Texas Water Development Board
1700 North Congress Ave
Austin, TX 78701

Jaime Burke, P.E.
Project Manager, Water Resources
AECOM
400 W. 15th Street, Suite 500
Austin, TX 78701

Richard Young
Greenleaf Nursery Company
HC 62 Box 73
El Campo, Texas 77437

Mike Fields
Coletto Creek Power
P. O. Box 8
Fannin, Texas 77960

Jerry Pearce
Natural Resource Conservation Serv.
312 S. Main, Rm. 310
Victoria, Texas 77901

Josh Harper
Coastal Fisheries Division
Texas Parks & Wildlife
2200 Harrison
Palacios, Texas 77465

Mr. Gus Gonzales
Water Director
City of Corpus Christi
P. O. Box 9277
Corpus Christi, TX 78469-9227

Robert Joseph, Director
U.S. Geological Survey
Texas Water Science Center
1505 Ferguson Lane
Austin, Texas 78754

City Manager
City of Corpus Christi
P. O. Box 9277
Corpus Christi, Texas 78469

Jim Moser
Jackson County Herald-Tribune
P. O. Box 1099
Edna, Texas 77957

El Campo Leader News
P. O. Box 1180
El Campo, Texas 77437

Ned Meister, Director
Texas Farm Bureau
P. O. Box 2689
Waco, Texas 76702-2689

Shiner Gazette
P. O. Box 727
Shiner, Texas 77984

Lavaca County Tribune Herald
P. O. Box 427
Hallettsville, Texas 77964

The Honorable John Murrile
Wharton County Judge
309 E. Milam
Wharton, Texas 77488

Bob Wallace
Formosa Plastics Corporation
P. O. Box 700
Point Comfort, Texas 77978

Randy Smith
Plant Manager
Formosa Plastics Corporation
P. O. Box 700
Point Comfort, Texas 77978

Haskell Simon
P. O. Box 106
Bay City, Texas 77404

Dan Martino
Inteplast Corporation
P. O. Box 405
Lolita, Texas 77971

Ron Anderson, P.E. MBA
Project Manager/River Services
Lower Colorado River Authority
P. O. Box 220, MS H300
Austin, Texas 78767-0220

Gertrude E. (Penny)MacDonnell
U.S. Geological Survey
1505 Ferguson Lane
Austin, Texas 78754-4501

Cindy L. Loeffler, P.E.
Water Resource Team Leader
Texas Parks and Wildlife
4200 Smith School Rd.
Austin, TX 78744

Sierra Club
Jennifer Walker
Box 1931
Austin, Texas 78767

Jennifer Bailey
TDA
5425 Polk St., Suite G-20
Houston, Texas 77023

Emmett Gloyna
308 Silverado Trail
Victoria, Texas 77901-2713

David Myers
419 County Road 124
Hallettsville, Texas 77964

Texas Office of
Environmental Defense
44 East Avenue, Suite 304
Austin, TX. 78701

Trey Powers
Texas Department of Agriculture
P. O. Box 12847
Austin, Texas 78711

Sandy Sanders
County Clerk, Wharton Clerk
P.O. Box 69
Wharton, Texas 77488

Elizabeth A. Kouba
County Clerk, Lavaca County
P. O. Box 326
Hallettsville, Texas 77964

Myron Hess, Council
National Wildlife Federation
Gulf States Resource Center
44 East Avenue Suite 200
Austin, Texas 78701

Marie Day
497 County Road 312
Shiner, Texas 77984

Texas Water Development Board
Water Availability Data & Studies
P.O.Box 13231
Austin, Texas 78711

City of Point Comfort
P. O. Box 497
Point Comfort, TX 77978

Calhoun County Navigation
P. O. Box 397
Point Comfort, TX 77978

Ronald Kubecka
330 CR 464
Palacios, TX 77465

John Cotton, Jr.
P. O. Box 374
Ganado, TX 77962

Jon Bradford
507 S. Gilbert
Edna, TX 77957

Olivia Jarratt
3413 FM 234 South
Edna, TX 77957

David Muegge
P. O. Box 422
Edna, TX 77957

Nils Mauritz
P. O. Box 1208
Ganado, TX 77962

Jerry Adelman
56 Shark Alley
Palacios, TX 77465

Terri Parker
P. O. Box 138
Ganado, TX 77962

J.K. Allen Estate
C/O Grady Allen, Executor
411 Tallow Lane
El Campo, Texas 77437-2322

T.J. Babb Heirs Revocable Trust
C/O Robert Helepeska, Trust Officer
First Victoria National Bank
P.O. Box 203
Victoria, Texas 77902-0203

Carl B. Bain
HC 1, Box 114
Louise, Texas 77455-9511

Jack Birkner et ux
1201 Rebe Sue Street
El Campo, Texas 77437-3847

Matt Bozka
11434 FM 530
Hallettsville, TX 77964

Anton Brandl, Jr. et ux
C/O Terry Brandl
3333 CR 387
El Campo, Texas 77437

City of Corpus Christi
P.O. Box 9277
Corpus Christi, TX 78469

Mark and Charlotte Defriend
HC 1, Box 44C
Louise, Texas 77455-9502

Wilbert Dernehl Jr.
P.O. Box 97
Orchard, TX 77464

El Rancho De Los Patos, Inc.
HC 1, Box 71
Louise, Texas 77455-9507

Formosa Plastics Corporation
P.O. Box 176
LaWard, Texas 77970-0176

E.G. Goff et al
Kenneth Goff and Jan Goff
17001 FM 1300 Rd.
Louise, Texas 77455

Kathleen Halamicek
C/O John T. Halamicek
RR 3, Box 90
El Campo, Texas 77437-9604

Eva Ruth Hancock et al
C/O Edward H. Sacco
P.O. Box 1624
El Campo, Texas 77437-1624

Jackson County
115 W. Main Street
Edna, Texas 77957

Javalin Holdings
206 West Main Street
Fredericksburg, TX 78624

Francis Koop
2605 Goldfinch Drive
Cedar Park, Texas 78613-5113

Johnnie E. Kotlar
203 S. East Street
Edna, Texas 77957

John B. Lay et al
Lillie Jane Lay Durst
712 Brownlee Circle
Austin, Texas 78703-5215

John E. Leavesley et al
701 Harborside Way
Kemah, Texas 77565-3083

Robert Martin et al
750 CR 317
Edna, Texas 77957-4801

Alan Wayne Meek et al
2906 Tina Circle
El Campo, Texas 77437-2194

Brian Nelson Meek
908 Georgia Street
El Campo, Texas 77437-2414

Dale Charles Meek
419 Scarlet Maple Drive
Sugarland, Texas 77479-5006

Gary Kenneth Meek
113 W. Swim
Stillwater, Oklahoma 74075-2820

City of Moulton
P.O. Box 369
Moulton, Texas 77975-0369

Vlasta Mraz
253 CR 343A
Shiner, Texas 77984-5612

Mustang Exploration Co., Inc.
P.O. Box 467
Louise, Texas 77455-0467

William J. Naiser and Jerome Naiser
506 E. Watt Street
El Campo, Texas 77437-3050

Owen Enterprises LLC
1611 Copra St.
Galveston, TX 77554

Pin Oak Farms 2
HC 1, Box 69
Louise, Texas 77455-9507

Brian M. Swenson et al
1201 W. Norris Street
El Campo, Texas 77437-2440

Norris Raun
201 Webb Street
El Campo, Texas 77437-2205

T-Bar-D, L.L.C.
P.O. Box 2067
Cypress, Texas 77410-2067

Travis Norris Raun et al
Richard Truitt Raun and Norris Raun
201 Webb Street
El Campo, Texas 77437-2205

Eva Reigh Tucker
HC 1, Box 133
Louise, Texas 77455-9513

John L. and Susan H. Richards
Richards Brothers Company
105 North Washington Street
El Campo, Texas 77437-4430

Gebrueder Viehof Farms OHG
DBA Inez Farms
P.O. Box 849
Edna, Texas 77957-0849

E. T. Rose Estate
C/O B. David Rose
105 E. Main St.
Edna, Texas 77957

Harry E. Vitera
1213 Appling Street
El Campo, Texas 77437-2101

Gregory Paul Schmidt et al
Robert John Schmidt
RR 1, 48A
Louise, Texas 77455-9306

Edmund Weinheimer, III et al
Steven S. Weinheimer
P.O. Box 999
El Campo, Texas 77437-0999

William R. Seifman et ux
Sara A. Seifman
19206 Laketree Dr.
Montgomery, Texas 77356

Gaynard and Elaine Wiggington
1009 W. Norris Street
El Campo, Texas 77437-2436

M. T. Simons, Jr. et al
C/O Robert Shoemate
P.O. Box 741
Edna, Texas 77957-0741

Edmund A. Weinheimer, Jr.
P.O. Box 212
El Campo, Texas 77437-0212

Harrison Stafford, II et al
P.O. Box 609
Edna, Texas 77957-0609

Albert W. and Claudia P. Swenson
P.O. Box 311
Ganado, Texas 77962-0311

American Legion Post 226
P.O. Box 53
East Bernard, Texas 77435-0053

City of Hallettsville
101 North Main
Hallettsville, Texas 77964

El Campo Country Club
1788 CR 351
El Campo, TX 77437

Aqua Utilities Inc dba
Aqua Texas Inc
1106 Clayton Ln., Ste. 400 W
Austin, TX 78723

City of LaWard
P.O. Box 178
LaWard, Texas 77970

El Campo Truck Stop
21411 Hwy 59
El Campo, Texas 77437

Bernard Timbers WSC
P.O. Box 725
East Bernard, Texas 77435

City of Moulton
P.O. Box 369
Moulton, Texas 77975

Ezzell ISD
20500 FM 531
Hallettsville, TX 77964

Blue Dolphin Water Supply
1053 G Miller Rd
Columbus, TX 78934

City of Shiner
P.O. Box 308
Shiner, Texas 77984

Greenleaf Nursery
262 FM 2674
El Campo, TX 77437

Boling ISD
P.O. Box 160
Boling, Texas 77420

City of Wharton
120 East Caney
Wharton, Texas 77488

H&L New Gulf Inc
P.O. Box 686
Graham, TX 76450

Boling Municipal Water
P.O. Box 307
Boling, Texas 77420

Columbus High Mart
101 Creek Bend Lane
Columbus, TX 78934

Hillside Drive In
30955 US Hwy 59
Louise, TX 77455

Cape Carancahua WSC
2903 West Bayshore Drive
Palacios, Texas 77465

Country Food Store
P.O. Box 190
Lane City, TX 77453

Hungerford MUD 1
P.O. Box 130
Hungerford, Texas 77448

City of Edna
126 West Main
Edna, Texas 77957

Crossroads Oilfield Supply
P.O. Box 1546
El Campo, TX 77437

Isaacson MUD
403 N. Liberty
El Campo, TX 77437

City of El Campo
315 East Jackson
El Campo, Texas 77437

Czech Catholic Home for the Aged
248 Wisteria
El Campo, Texas 77437

Inteplast
P.O. Box 405
Lolita, TX 77971

City of Ganado
P.O. Box 264
Ganado, Texas 77962

Eagle Creek Trailer Park
2414 US Hwy 60 N
East Bernard, TX 77435

JR's Texas Best
1126 CR 385
El Campo, TX 77437

Jackson County WCID 1
P.O. Box 407
Lolita, Texas 77971

Natural Horisun RV Park
P.O. Box 809
Needville, TX 77461

Wharton County WCID 2
P.O. Box 639
East Bernard, Texas 77435

Jackson County WCID 2
P.O. Box 574
Vanderbilt, Texas 77991

Prasek's Hillje Smokehouse
29714 US Hwy 59
El Campo, TX 77437

Wharton Municipal Airport
120 E. Caney St.
Wharton, TX 77488

Jackson Electric Co-Op
P.O. Box 1189
Edna, TX 77957

Straightway Training Center
P.O. Box 134
Hungerford, TX 77448

Wharton County WCID 1
P.O. Box 395
Louise, Texas 77455

KC's
P.O. Box 1243
Ganado, TX 77962

Sweet Home ISD
P.O. Box 326
Sweet Home, TX 77987

Myra S Pryor Girl Scout Camp
231 Hwy 332 W.
Lake Jackson, TX 77566

LaSalle Landing Water System
2541 FM 234 South
Edna, Texas 77957-4843

TPWD Lake Texana State Park
46 Park Rd 1
Edna, Texas 77957

Pyssens Live Oak Estates
1106 Clayton Lane STE 400W
Austin, Texas 78723

Lamberti USA
P.O. Box 197
Hungerford, TX 77448

Turtle Creek Village
P.O. Box 64
Wharton, TX 77488

Leedo Manufacturing
P.O. Box 520
East Bernard, TX 77435

Tri-County Point Property
Association
14 County Road 480
Palacios, Texas 77465-1642

Maxim Production
580 Maxim Drive
Boling, Texas 77420

Village Estates Mobile Home Park
1110 W. Norris
El Campo, TX 77437

Mustang Creek BBQ
P.O. Box 759
East Bernard, TX 77435

Vysehrad ISD
595 CR 182
Hallettsville, TX 77964

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