

Texas Water Development Board
Research and Planning Fund
Regional Water Planning

Grant Application
Third Cycle
Regional Water Planning

For

East Texas Regional Water Planning Area
Region I

Submitted by:

Deep East Texas
Council of Governments

On Behalf of

East Texas Regional
Water Planning Group

As Adopted

August 23, 2006

Texas Water Development Board
Research and Planning Fund
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For
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Region I

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Application Checklist

I. GENERAL INFORMATION

1. Legal name of applicant(s).
2. Regional Water Planning Group:
3. Authority of law under which the applicant was created.
4. Applicant's official representative, Name, Title, Mailing address, Phone number, Fax number, if available, E-mail Address, and Vendor ID Number.
5. Is this application in response to a Request for Proposals published in the Texas Register?
Yes No
6. If yes to No. 5 above, list document number and date of publication of the Texas Register.
7. 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
8. Total proposed planning cost
9. Cash Contribution to the study.
10. List source of cash contribution, explanation of source of local cash contribution.
11. Total grant funds requested from the Texas Water Development Board.
12. Detailed statement of the purpose for which the money will be used. . (Not to exceed 1 page.)
13. Detailed description of why state funding assistance is needed. (Not to exceed 1 page.)
14. Identify potential sources and amounts of funding available for implementation of viable solutions resulting from proposed planning.

II. PLANNING INFORMATION

15. A detailed scope of work for proposed planning. (Not to exceed 6 pages.)
16. Prioritization of scope of work tasks by the regional planning group.
17. A task budget for detailed scope of work by task. *Example is attached.*
18. An expense budget for detailed scope of work by expense category. *Example is attached.*
19. A time schedule for completing detailed Scope of Work by task.
20. Specific deliverables for each task in Scope of Work.
21. Method of monitoring study progress.
22. Qualifications and direct experience of proposed project staff.

III. WRITTEN ASSURANCES

Written assurance of the following items:

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;

If a grant is awarded, written evidence that local matching funds are available for the proposed planning must be provided when the contract is executed.

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 and address; and

Statement that any comments on the proposed planning must be filed with the applicant and the

Texas Water Development Board Executive Administrator within 30 days of the date on which the notice was mailed.

TEXAS WATER DEVELOPMENT BOARD
RESEARCH AND PLANNING FUND
REGIONAL WATER PLANNING
INFRASTRUCTURE FINANCING REPORT PREPARATION

I. GENERAL INFORMATION

1. Legal name of applicant(s)

Deep East Texas Council of Governments (DETCOG)

2. Regional Water Planning Group

East Texas Regional Water Planning Group

3. Authority of law under which the applicant was created

Authority: The Deep East Texas Council of Governments (DETCOG) is a Regional Planning Commission organized under the authority of the Regional Planning Commission statutes Act 59th Texas Legislature, 1965 codified as Article 1011m, V.A.C.S.

4. Applicant's official representative, Name, Title, Mailing Address, Phone Number, Fax Number, if available, E-mail Address and Vendor ID Number

**Contact: Walter C. Diggles, Executive Director
Deep East Texas Council of Governments
210 Premier Drive
Jasper, Texas 75951
Phone: (409) 384-5704
Fax: (409) 384-5390
E-mail: wdiggles@detcog.org**

5. Is this application in response to a Request for Proposals published in the Texas Register?

Yes

No

6. If yes to No. 6 above, list document number and date of publication of the Texas Register.

**Texas Register June 23, 2006 –
Volume 31, Number 25,
Pages 4959-5214**

7. 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**

8. Total proposed planning cost

\$584,579.00

9. Cash contribution to the study

\$40,000.00 (Not budgeted in this application. Will be spent chiefly by DETCOG administrating RWPG business and this planning effort)

10. List all sources of cash contribution, explanation of source of local cash contribution.

East Texas Regional Water Planning Group is raising the funds from cities, counties, and industry within the region.

11. Total grant funds requested from the Texas Water Development Board

\$544,579.00 (Includes \$50,800.00 for Region D and \$40,500.00 for Region C and the \$54,530.00 in formula funding for administrative work in Region I)

12. Detailed statement of the purpose for which the money will be used. (Not to exceed 1 page)

Detailed statement of the purpose for which the money will be used.

In accordance with the request for proposals for special studies to enhance water planning in the region, the funds for each project will be used for at least one of the following eight criteria:

1. Evaluation of new water management strategies in response to changed conditions;
2. Studies that will further implementation of recommended water management strategies;
3. Refinement of water supply information or water management strategies;
4. Activities that will help overcome problems from the last round of planning;
5. Further evaluation of water management strategies, especially regional solutions, to meet needs in small and rural areas;
6. Reevaluation of population and demand projections only under the presence of changed conditions;
7. Interregional coordination; and
8. Administrative and public participation activities.

The table shown below shows how the individual projects meet the criteria. The need and justification for specific projects are discussed in Exhibit A of this application.

No.	Proposed Study	Criteria							
		1	2	3	4	5	6	7	8
0	Administration and Public Participation Activities								X
1	Inter-regional coordination with Regions C, D, and I on the Toledo Bend Project		X	X				X	
2	Identify and develop regional solutions for small water suppliers that cannot meet current or future water requirements including TCEQ Chapter 290 requirements						X		
3	Study of municipal water uses to improve water conservation strategies and projections		X	X					
4	Preliminary evaluation of bottomland hardwoods and associated riparian resources potentially affected by reservoir development in East Texas			X	X				
5	Lake Fastrill		X					X	
6	Study to evaluate the potential for additional electrical power generating plants in Region I and the resulting impacts on regional water resources	X							
7	Compare TWDB and TCEQ data for small water users			X	X				
8	Supply from Murvaul Lake to Martin Lake	X							
9	(Regions I & D) Cooperative study with groundwater management area 11			X				X	
10	Complete water management strategy for LNG facility in Jefferson County and develop water management strategies to supply recent announced refinery expansions in Jefferson County	X	X						
11	Review population within Region I						X		

13. Detailed description of why state funding assistance is needed (Not to exceed 1 page)

Regional Water Planning is a grass roots statewide planning effort. Without state funding, the work would either not be done or would be accomplished using inconsistent methods and data from region to region greatly diminishing the entire effort.

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

DWSRF; Local Bond Funds; Local Funds; State Participation in large projects; Funding amounts available from all sources combined will be sufficient to fund viable solutions.

II. PLANNING INFORMATION

15. A detailed scope of work for proposed planning (Not to exceed 6 pages)

A detailed scope of work is included in Exhibit A.

16. Prioritization of scope of work tasks by the regional planning group

- 1. Inter-regional coordination with Regions C, D, and I on the Toledo Bend project.**
- 2. Identify and develop regional solutions for small water suppliers that cannot meet current and future water requirements including TCEQ Chapter 290 requirements.**
- 3. Study of municipal water uses to improve water conservation strategies and projections.**
- 4. Preliminary evaluation of bottomland hardwoods and associated riparian resources potentially affected by reservoir development in East Texas.**
- 5. Lake Fastrill**
- 6. Study to evaluate the potential for additional electrical power generating plants in Region I and the resulting impacts on regional water resources.**

7. **Compare TWDB and TCEQ Data for small water users.**
8. **Supply from Murvaul Lake to Martin Lake.**
9. **(Regions I & D) Cooperative Study with groundwater management Area 11**
10. **Complete water management strategy for LNG Facility in Jefferson County and develop water management strategies to supply recently announced refinery expansions in Jefferson County.**
11. **Review population within Region I.**

17. A task budget for detailed scope of work by tasks

A task budget for detailed scope of work is included in Exhibit A.

18. An expense budget for detailed scope of work by expense category.

An expense budget for detailed scope of work by expense category is included in Exhibit A.

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

A time schedule is included in Exhibit A.

20. Specific deliverables for each task in Scope of Work

Deliverables specified in Exhibit A

21. Method of monitoring study progress

Monthly progress reports will be required from the consultant retained to perform professional services on the study. These reports will be a part of the monthly request for reimbursement submitted to the Texas Water Development Board. Periodic progress meetings will be held between the consultant and the East Texas Regional Water Planning Group to monitor progress and provide guidance to the consultant.

The Texas Water Development Board's liaison to East Texas Regional will attend progress meetings.

The Deep East Texas Council of Governments is responsible for the management of the project. The East Texas Region Authority has been involved in and a participating sponsor of various studies and activities in the past. Presentation of DETCOG staff's coordinating and implementing regional activities is included as Exhibit C.

22. Qualifications and direct experience of proposed project staff

Resumes for each proposed project staff is included in Exhibit D.

III. WRITTEN ASSURANCES

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;

If a grant is awarded, written evidence that local matching funds are available for the proposed planning must be provided when the contract is executed.

The East Texas Regional Water Planning Group will make every effort to not duplicate existing projects during this planning cycle. It is the goal of the East Texas Regional Water Planning Group to enhance the studies that have already been performed during the previous planning cycles.

The East Texas Regional Water Planning Group will diligently pursue implementation of viable solutions which have and will be identified through this planning cycle as appropriate for their function as a regional council of governments all the while looking for viable sources of funding.

The East Texas Regional Water Planning Group will provide written evidence of the availability of matching funds once the contract is executed.

IV. PROOF OF NOTIFICATION

Proof of notification is provided as Exhibit B.

Exhibit A

1. INTER-REGIONAL COORDINATION WITH REGIONS C, D AND I ON THE TOLEDO BEND PROJECT

Toledo Bend reservoir is a major water source in Region I and an important component of the Sabine River Basin system. The 2006 Region C water plan recommends moving water from Toledo Bend Reservoir in Region I to water providers in Region C. As part of this strategy, water also would be transported from Toledo Bend to Lake Fork for use in Region D by customers of SRA. This project, as currently proposed, involves transporting up to 500,000 acre-feet per year of water from Toledo Bend Reservoir to other lakes in Texas, with the potential to increase this amount to 700,000 acre-feet per year. Further study of this project would include:

1. Coordination with Regions C and D on water demands and locations (include discussions with DWU regarding potential participation in light of status of Lake Fastrill)
2. More detailed routing studies to identify potential conflicts and/or environmental concerns
3. Preliminary assessment of potential impacts on biodiversity, invasive species and water quality of receiving reservoirs
4. Further study of potential impacts to bays and estuaries and instream flows downstream of Toledo Bend Reservoir
5. Updated cost estimates reflecting recent increases in costs for pipelines, pump stations, and electric generation.

ACTIVITY 1: DEMAND COORDINATION. ACTIVITIES WOULD INCLUDE:

- a) Meet with the major participants (NTMWD, TRWD, SRA, and DWU) to refine project demands and locations.
- b) Identify other potential entities in Region I that may benefit from water from Toledo Bend.
- c) Coordinate with major participants on the potential for supplying raw water to smaller entities along the proposed pipeline route.
- d) Confirm locations of demands and delivery points.

ACTIVITY 2: ROUTING STUDIES. ACTIVITIES WOULD INCLUDE:

- a) Review and define pipeline routes based on findings in Task 1. Evaluate potential intake locations and confirm with major participants
- b) Using USGS topographic maps, digital elevation models, and other existing geospatial information, lay out pipeline route and locate pump stations and storage facilities.
- c) Identify potential conflicts and environmental concerns along route.
- d) Meet with major participants to discuss findings and adopt route.

ACTIVITY 3: IMPACTS ON RECEIVING RESERVOIRS.

- a) Based on Tasks 1 and 2, identify reservoirs that would be receiving raw water from Toledo Bend
- b) Collect water quality, plant and aquatic specie data on Toledo Bend and receiving reservoirs. Identify potential impacts of moving Toledo Bend water on biodiversity, invasive species and water quality of receiving reservoirs.
- c) Identify potential mitigation factors where appropriate.

ACTIVITY 4: BAYS AND ESTUARIES.

Calculate naturalized flows into Sabine Lake during the drought of record. Compare these naturalized stream flows to those identified as target flows for bay & estuary health. Determine the recurrence interval for the drought of record naturalized flows into Sabine Lake and the recurrence interval for the target flows identified for bay & estuary health.

ACTIVITY 5: COST ESTIMATE

- a) Using the same unit prices as used in the 2006 Regional Water Plans, update the capital cost estimate for the updated Toledo Bend Project.
- b) Develop a 100-year life cycle cost using current electric costs and electric costs at 1.5 and 2 times the current rates. This is to evaluate the sensitivity of the project cost to the uncertain energy market.
- c) Coordinate with other regions and major participants for inclusion of cost estimates in other regional water plans.

DELIVERABLES – Report summarizing the results of the study.

Region I Budget

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Data Collection and Coordination	\$20,056	\$1,984	\$22,040
Activity 2 – Pipeline Routing Study	\$15,597	\$1,543	\$17,140
Activity 3 – Impacts to Receiving Reservoirs	\$10,538	\$1,042	\$11,580
Activity 4 – Impacts to Bays & Estuaries	\$17,400	\$1,720	\$19,120
Activity 5 – Costs	\$6,251	\$619	\$6,870
Total	\$69,842	\$6,908	\$76,750

Region D Budget Amount \$8,300

Region C Budget Amount \$40,500

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Region I Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$76,750
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$76,750

2. IDENTIFY AND DEVELOP REGIONAL SOLUTIONS FOR SMALL WATER SUPPLIERS THAT CANNOT MEET CURRENT OR FUTURE WATER REQUIREMENTS INCLUDING TCEQ CHAPTER 290 REQUIREMENTS.

There are a number of small municipal water suppliers in the East Texas Region that do not meet the requirements of Texas Administrative Code Chapter 290. We propose to work with the TCEQ regional offices in Beaumont and Tyler to identify as many of these entities and their particular deficiencies as possible. Once identified we will locate the entities on a map of our region to determine if there are two or more of these suppliers close enough in proximity to allow resolution their deficiencies with a regional approach. If a regional approach is potentially feasible, an appropriate water management strategy will be developed for the water suppliers in need.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Determine WUG’s Needing Assistance	\$1,500	\$500	\$2,000
Activity 2 – Locate WUG’s Needing Assistance & Identify Need	\$4,700	\$700	\$5,400
Activity 3 – Determine Feasibility of Meeting Needs with Regional Project(s)	\$11,000	\$1,000	\$12,000
Activity 4 – Develop Water Management Strategies for Regional Projects	\$10,200	\$400	\$10,600
Total	\$27,400	\$2,600	\$30,000

DELIVERABLE is report on the work done on this task up to and including meeting TWDB requirements for each Water Management Strategy recommended to meet a regional need identified by this task.

SCHEDULE – This work will be completed within 12 months of our authorization to proceed.

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	30,000
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	30,000

3. STUDY OF MUNICIPAL WATER USES TO IMPROVE WATER CONSERVATION STRATEGIES AND PROJECTIONS

Water suppliers have been encouraged to aggressively pursue water conservation plans and practices. With accurate information, such plans can be tailored to the specific needs of the water supply and the community it serves. While significant progress was made during the second round of water planning with regard to water conservation, more work is needed to enable water supplies to adequately focus the effort on the particular needs of the water supply.

During the second round of regional water planning, the Texas Water Development Board (TWDB) set a target for water use by public water suppliers of 140 gallons per capita per day (gpcd). The method of determining the actual per capita usage for a water supply was established as the total water use divided by the population served. Water supplies typically serve residential, industrial, commercial, and institutional customers. The derivation of the per-capita target includes all uses, even though only a portion is actually used by residential customers (i.e., the population served by the water supply). In a water supply with a substantial non-residential component of use, this can result in a biased per-capita water use. The per-capita water use calculated in this way may appear to exceed the target set by the TWDB when, in reality, it does not. The result is that water suppliers may have an unrealistic water conservation goal set and no way to actually achieve the goal.

The scope proposed in this study is intended to enable water suppliers to improve water conservation strategies and projections.

PROPOSED SCOPE OF SERVICES

Water use for water user groups with 1000 or more connections will be disaggregated into component uses of residential, commercial, light industrial, and institutional uses. The information will be summarized for each water user group and submitted to the water user groups for their use in water conservation planning. The following activities are anticipated:

ACTIVITY 1: IDENTIFY AND CONTACT WATER SUPPLIERS

Using information provided in the 2006 Regional Water Plan water user groups serving at least 1000 connections will be identified. A list of these water user groups and contact information for each will be assembled. Other, smaller water user groups may also be included on this list if appropriate. The list will be provided to the technical committee of the Region I Regional Water Planning Group (RWPG-I) for review and comment. The list will be finalized after receiving comments from the Technical Committee.

Water User Groups contained in the final list will be contacted to request the following information and data for a recent two-year (or greater) period:

- Water production (i.e., water volume pumped to the distribution system)
- Water sales (i.e., water volume sold to customers)
- Categories of customers receiving water (residential, commercial, industrial, and institutional) and the volume each received
- Number of connections served and (if available) estimates of population served
- Additional relevant information relating to water use by specific types of users (i.e., any recent significant changes in volumes due to new customers, expansions of existing customer uses, etc.)

Follow-up contacts will be made, as necessary, to ensure that the information received is as accurate as possible.

ACTIVITY 2: DISAGGREGATE DATA ACCORDING TO TYPES OF WATER USE

Using the information obtained in Activity 1, the data for each participating water user group will be disaggregated according to category of water users. The information will be tabularized for each water user group and descriptive statistical analysis will be performed on the data received to determine averages, ranges, etc. A summary of the results will be prepared and

presented to the RWPG-I Technical Committee. The results for each water user group will also be provided to the water user group for review and comment. Adjustments to the results will be made, as necessary, based on comments from the water user groups and the Technical Committee.

ACTIVITY 3: PREPARE SUMMARY REPORT

A summary report of the results will be prepared. The report will address water usage for each category of user, for each water user group, and will aggregate the totals for each category of water use. Per-capita water use estimates, based on residential water use and population will be prepared. As appropriate, recommendations for additional study may be made. Recommendations regarding future use of per-capita water use may also be made in the summary report.

DELIVERABLES - A draft of the report will be provided to the Technical Committee for review and comment. A final draft of the report will be prepared based on comments from the Technical Committee. The final draft report will be provided to the RWPG-I and to the TWDB for approval. Once approved, report will be finalized and copies provided to the participating water user groups, the RWPG-I, and the TWDB.

Study of Municipal Water Uses to Improve Water Conservation Strategies and Projections

Proposed Budget

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Identify and Contact Water Suppliers	\$5,900	\$600	\$6,500
Activity 2 – Disaggregate Data According to Water Uses	\$7,800	\$800	\$8,600
Activity 3 – Prepare Summary Report	\$12,700	\$1,600	\$14,300
Total	\$26,400	\$3,000	\$29,400

SCHEDULE – This work will be completed within 12 months of our authorization to proceed.

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$29,400
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$29400

4. PRELIMINARY EVALUATION OF BOTTOMLAND HARDWOODS AND ASSOCIATED RIPARIAN RESOURCES POTENTIALLY AFFECTED BY RESERVOIR DEVELOPMENT IN EAST TEXAS

The objective of this project is to update work performed by the Texas Parks and Wildlife Department (TPWD) in the 1970's that evaluated the extent of bottomland hardwood forests and associated riparian resources that would be affected by reservoir development (TPWD Study). This study estimated that approximately 200,000 acres of bottomland hardwood communities (17 percent of the total area of bottomland hardwood forests in 1980 in east Texas) would be lost due to inundation, if all reservoirs proposed at the time in east Texas were constructed. The TPWD Study also concluded that an undetermined amount of additional indirect impacts due to stimulated land development and crop production would result from the development of the reservoirs.

In the intervening years since the TPWD Study was published in 1980, the character of much of east Texas has changed, possibly include parts of the study areas where reservoirs were proposed but not yet developed. Decisions regarding the development of reservoirs must be based on reliable, up-to-date environmental data, including the status of vegetative cover in areas within the proposed reservoir footprints.

This study will provide a preliminary assessment of the current status of bottomland hardwood forest communities in Region I that were previously identified by the TPWD Study. Only those proposed reservoirs evaluated in the previous study and that are also identified in the 2006 Region I Water Plan will be evaluated.

The proposed scope of services is described in the following planned activities.

PROPOSED SCOPE OF SERVICES

The proposed project will include the following primary activities:

ACTIVITY 1 – REVIEW EXISTING DOCUMENTATION AND IDENTIFY TARGET RESERVOIRS FOR EVALUATION

The TPWD Study will be reviewed to determine the procedures utilized in the TPWD Study to identify bottomland hardwood and riparian communities. In addition, proposed reservoir sites identified in the TPWD Study will be matched with proposed reservoirs identified in the 2006 Region I Water Plan.

A summary of the reservoirs to be evaluated in this project will be prepared for review by the Technical Committee of the Region I-Regional Water Planning Group (RWPG-I). The summary will include the list of reservoir sites and the estimated area of bottomland hardwoods that would be affected, based on the TPWD Study. The estimated total area affected will provide a baseline from which to work for the evaluation that follows.

ACTIVITY 2 – CONDUCT A PRELIMINARY COMPARISON OF PREVIOUS AND CURRENT AERIAL IMAGERY FOR SELECTED PROPOSED RESERVOIRS

In this activity, current aerial imagery for the selected reservoirs will be obtained. Sources may include satellite imagery (true color and/or infrared), aerial photography, or other related imagery, as may be available. Detailed maps of proposed reservoir areas, if available, will also be obtained. If detailed maps of proposed reservoir areas are not available, approximated reservoir footprints will be used for the evaluation.

A preliminary comparison of previous study results and current imagery will be made to confirm that bottomland hardwood areas can be specifically identified. Selected reservoirs will be identified for field observations prior to detailed evaluation (see Activity 3).

ACTIVITY 3 – CONDUCT LIMITED FIELD OBSERVATIONS AT SELECTED RESERVOIRS

Based on the results of Activity 2, selected reservoir sites will be visited to confirm the bottomland hardwood areas identified on the current aerial imagery. A minimum of 20 percent of the total number of reservoir evaluated will be observed. This information will improve the process of detailed photo-interpretation of current imagery to be conducted in Activity 4.

ACTIVITY 4 – CONDUCT DETAILED PHOTO-INTERPRETATION OF CURRENT AERIAL IMAGERY AND PREPARE REPORT

Using the results of Activities 2 and 3, a detailed evaluation of current aerial imagery will be conducted. Bottomland hardwood communities and associated riparian areas will be delineated on the imagery for each proposed reservoir. For each reservoir, an estimate of the total area of current bottomland hardwood forests that would be inundated by the reservoir will be prepared. A comparison of the previous estimate of impacted area and the current estimate will be prepared.

DELIVERABLES - Based on the results of the evaluation, a draft report will be prepared. The draft report will include necessary maps and will estimate impacts to bottomland hardwoods for each evaluated reservoir based on current aerial imagery. The draft report will be submitted to the Technical Committee of the RWPG-I for review. Based on comments from the Technical Committee, a final draft for review by the Texas Water Development Board (TWDB) will be prepared. The report will be finalized based on comments from the TWDB.

Study of Impacts of Reservoirs on Bottomland Hardwood Communities

Proposed Budget

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Review Existing Documentation and Identify Target Reservoirs for Evaluation	\$9,200	\$600	\$9,800
Activity 2 – Conduct a Preliminary Comparison of Previous and Current Aerial Imagery for Selected Proposed Reservoirs	\$9,900	\$500	\$10,400
Activity 3 – Conduct Limited Field Observations at Selected Reservoirs	\$7,900	\$900	\$8,800
Activity 4 – Conduct Detailed Photo-Interpretation of Current Aerial Imagery and Prepare Report	\$27,100	\$1,800	\$28,900
Total	\$54,100	\$3,800	\$57,900

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$57,900
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$57,900

5. LAKE FISTRILL

Lake Fastrill was proposed as alternative water management strategy for Region I. This Water Management Strategy was brought forward very late in the last round of planning and more work is needed on documenting impact on natural resources and costs. Although the future of this reservoir is uncertain, because it is a recommended Water Management Strategy, it is prudent to continue with its evaluation.

The proposed scope of work will focus on the reservoir's effect on the natural resources and costs.

ACTIVITY 1 - Obtain and review available reports on the feasibility of Lake Fastrill and on the proposed designation of the reservoir site as wildlife refuge from US Fish and Wildlife. Obtain detailed available maps of the region.

ACTIVITY 2 - Evaluate environmental flow restrictions using the Consensus Criteria. to the extent possible allowed by available information, make an evaluation of potential impacts of alternative environmental flow restrictions using the guidelines of the Texas Instream Flow Program.

ACTIVITY 3 - Develop a daily model of the reservoir to estimate changes on flow regimes on the Neches River. Hydrology will be based on the Water Availability Model of the Neches River Basin. Scenarios to analyze include:

- Stand-alone operation
- Reservoir system operation with Lake Palestine

ACTIVITY 4 - Evaluate the potential impact of the reservoir on:

- Vegetation
- Fish and wildlife

- Water Resources
- Socioeconomic impacts

ACTIVITY 5 - Develop estimates of total costs to develop the project, including transmission to the City of Dallas, and Region I shared costs.

ACTIVITY 6 - Prepare report and present findings to the planning group.

DELIVERABLES - Draft report to RWPG followed by final report to RWPG and TWDB of findings and recommendations.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Review Existing Documentation	\$2,160	\$108	\$2268
Activity 2 – Evaluate Environmental Flow Restrictions	\$3,920	\$252	\$4,172
Activity 3 – Run WAM to Determine Project Impacts on Neches River Hydrology	\$7,220	\$522	\$7,742
Activity 4 – Evaluate Potential Impacts	\$12,200	\$864	\$13,064
Activity 5 – Develop Cost Estimates	\$1,960	\$126	\$2,086
Activity 6 – Prepare Report and Present Findings to RWPG	\$8,640	\$1,184	\$9,824
Total	\$36,100	\$3,056	\$39,156

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$39,156
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$39,156

6. STUDY TO EVALUATE THE POTENTIAL FOR ADDITIONAL ELECTRICAL POWER GENERATING PLANTS IN REGION I AND THE RESULTING IMPACTS ON REGIONAL WATER RESOURCES

This objective of this study is to evaluate the possibility that more power plants might ultimately be constructed in Region I due to relative abundance of water for cooling; and the impact that additional plants might have on water resources in the region.

In January 2003, representatives of investor-owned utility companies published a report addressing water use by power plants in Texas for the years 2000 through 2060. The purpose of the report was to project water demands by electric generating units for the water-planning period. The report was prepared for the Texas Water Development Board (TWDB) for use by regional water planning groups in the second round of water planning.

The report projects a 162 percent increase in water use by electric generating units over the period (through 2060). It also projects that, on a statewide basis, steam-electric water demand will exceed current sources for steam-electric generation by 2037. Such shortfalls will not necessarily occur in every region. Shortages will likely occur first in more arid regions of the State and later in areas with more water availability.

One result of the shortfall occurring first in arid areas is that fewer power plants will be built in those areas. The report recognized this problem, pointing out that the statewide demand for water for steam-electric generation may be reliable, but more localized estimates might not be. Since the need for more power generating capacity will continue, more pressure could be placed on utilities to locate in areas of the state with more abundant water resources, including Region I. This would place greater pressure on water resources in the region than is currently anticipated.

PROPOSED SCOPE OF SERVICES

This study will utilize the January 2003 report as a basis for determining the amount of electrical capacity and water use associated with electric generation throughout the state. In addition, demand projections in each region in the state for steam-electric water use will be evaluated. An

estimate of the amount of electric generating capacity that could potentially be located in Region I (in addition to that already in existence or proposed) if currently planned power plants are relocated from arid regions to Region I. Potential impacts to water resources will be evaluated. The following activities are anticipated:

ACTIVITY 1: Review Existing Documentation Regarding Steam-Electric Power Use in Texas

The report prepared by the investor-owned utilities will be reviewed to establish the general issues related to water use requirements; a region-by-region projection of water use through 2060; and other relevant issues. In addition, each regional water plan will be reviewed in order to determine issues of steam-electric demand are addressed on a regional basis. Other relevant documentation, if available, will be reviewed as well.

ACTIVITY 2: Evaluate Potential Impacts of Additional Power Plants in Region I

Based on the information obtained in Activity 1, a procedure for evaluating the potential impact of additional steam-electric demand on Region I will be developed. It is anticipated that multiple scenarios will be developed in order to predict potential impacts over a range of demands.

Potential impacts of increased electric generation capacity in the Region will be evaluated. The results will be summarized in tables and charts, as appropriate, for presentation to the Region I Regional Water Planning Group (RWPG-I) Technical Committee for comment.

ACTIVITY 3: Prepare Summary Report

Based on the results of Activities 1 and 2, a summary report on the findings of the evaluation will be prepared.

DELIVERABLES - A draft of the report will be provided to the Technical Committee for review and comment. A final draft of the report will be prepared based on comments received from the Technical Committee. The final draft of the report will be provided to the RWPG-I and the TWDB for review and comment. The report will be finalized after comments are received.

PROPOSED BUDGET

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Review Existing Documentation Regarding Steam-Electric Power Use in	\$5,100	\$400	\$5,500
Activity 2 – Evaluate Potential Impacts of Additional Power Plants in Region I	\$8,100	\$700	\$8,800
Activity 3 – Prepare Summary Report	\$9,700	\$1,200	\$10,900
Total	\$22,900	\$2,300	\$25,200

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$25,200
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$25,200

7. COMPARE TWDB & TCEQ DATA FOR SMALL WATER USERS

During the second round of planning we obtained data from TCEQ on water demand and availability from the approximately 400 water systems in Region I that constitute the county-other category of municipal water use. We compared that data to the information on the same water users from the TWDB survey data.

Correlation of the data was very poor indicating need to take steps to verify county-other population and/or demand numbers in a future planning effort.

ACTIVITY 1: Review TCEQ Public Water System Records and Summarize Data **This Task Was Accomplished in the Last Planning Cycle. Work in this Planning Cycle Starts with Activity 2.**

This task includes the following objectives:

1. To determine the population served in the county other category against the county other population projected in the 2006 East Texas Regional Water Plan.
2. To determine the actual water demand in the county other category against the county other water demand projected in the 2006 East Texas Regional Water Plan.
3. To highlight any apparent outliers for per capita consumption that may be found in the data.

To achieve these objectives, a list of public water systems that make up the county-other category for each county in Region I will be prepared, using information from the current TCEQ list of all public water systems. The TCEQ public water system database will be searched and the following information retrieved for each system on the list:

- Population served
- Average annual water use data

- Source or sources of water (e.g., aquifer name(s) or surface water source name(s))
- System pumping or supply capacity (if available)
- System storage capacity (if available)
- Noted system deficiencies (e.g., water quality problems or capacity shortages, etc., if available)
- Name and contact information for a responsible official for the water system

ACTIVITY 2: VERIFY DATA FOR WATER SUPPLIERS WITH POOR CORRELATION

We will verify data for the water suppliers with poor correlation of data by contacting these individual water systems. Population for the water supplier will be determined by using the average persons per household for the county in which the supplier is located and the number of connections the water supplier has in its service area.

ACTIVITY 3: DETERMINE IF POSSIBLE THE REASON(S) FOR POOR DATA CORRELATION

After verifying the data for water suppliers with poor correlation between data bases we will attempt to determine the reason for poor correlation. The most likely cause being inconsistent reporting to each agency. Transposition of data on entry into the database is another likely error.

ACTIVITY 4: DELIVERABLES - PREPARE REPORT TO THE RWPG

A report of the results of the records will be prepared. A draft of the report will be submitted to, and the results presented at a regular meeting of, the East Texas Regional Water Planning Group.

The report will recommend methods to improve county other water demand forecasting in East Texas as well as making recommendations for the baseline for the group of water users in round 3 of regional water planning.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Review Existing Data	0	0	0
Activity 2 – Verify Data	\$9,300	\$700	\$10,000
Activity 3 – Determine Reasons for Poor Correlation	\$13,400	\$600	\$14,000
Activity 4 – Prepare Summary Report	\$10,500	\$500	\$11,000
Total	\$33,200	\$1,800	\$35,000

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$35,000
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$35,000

8. SUPPLY FROM MURVAUL LAKE TO MARTIN LAKE

Lake Murvaul may have available unpermitted yield which could be used by TXU to supply steam electric use at Martin Lake. Lake Murvaul is owned by the City of Carthage, and sale of water from the project could be a potential revenue source for the City. This project is an alternative to supplies from Lake Fork Reservoir or groundwater. Obtain and review the latest permitting run (Run 3) and current conditions scenario (Run 8) of the Water Availability Model of the Sabine River Basin and calculate the firm yield of Lake Murvaul and Martin Lake.

ACTIVITY 1 - Meet with TXU and the City of Carthage to discuss projected water needs at Martin Lake and potential operation of the reservoir if more available for the steam electric plant.

ACTIVITY 2 - If Murvaul Lake has more yield than permitted, modify the Sabine WAM to represent supply from Murvaul to Martin Lake with operational rules from TXU. Calculate firm yield and reservoir elevation statistics.

ACTIVITY 3 - Calculate costs of conveyance facilities. Develop an economic feasibility assessment for the City of Carthage.

ACTIVITY 4 – DELIVERABLES Write a report and present findings to the planning group.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Meet with Carthage & TXU	\$4,740	\$466	\$5,206
Activity 2 – Determine Yield of Murvaul	\$910	\$63	\$973
Activity 3 – Develop WMS for supply to Martin Lake from Murvaul	\$3,920	\$252	\$4,172
Activity 4 – Prepare report for RWPG	\$3640	\$502	\$4,142
Total	\$13,210	\$1,83	\$14,493

SCHEDULE – This work will be completed within 12 months of our authorization to proceed

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$14,493
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$14,493

9. (REGIONS I & D) COOPERATIVE STUDY WITH GROUNDWATER MANAGEMENT AREA 11

Groundwater Management Area 11 (GMA 11) covers the northern section of the Carrizo-Wilcox and associated aquifers in northeast Texas. In addition, GMA 11 is divided by Region D and Region I Regional Water Planning Groups (RWPGs). The TWDB has stated that if GMAs wish for their managed available groundwater (MAG) estimates to be incorporated in the next round of regional water planning, that they must complete the MAG determination by December 2007.

The GMA process entails administrative and technical tasks. We will coordinate GCD and TWDB efforts to forward the GMA 11 schedule as defined by the GCDs. We will coordinate and manage all technical tasks and facilitate administrative tasks as directed by the GCDs. Technical issues include developing appropriate GAM scenarios and working with TWDB to complete the GAM runs. In the event that TWDB is not able to meet the GMA 11 schedule with regard to GAM runs, the RWPG consultant team will work with GMA 11 to complete the runs.

The tasks required to complete the project are summarized below.

1. ADMINISTRATIVE TASKS

(consultant team will help facilitate these tasks as requested)

- a. Each GCD must complete a management plan.
- b. Each GCD must send a copy of their plan to other GCDs in the GMA.
- c. Each GCD board must “consider . . . individually” each plan in the GMA and “compare” them to each other.
- d. Set up several meetings to facilitate with GCD designees to complete joint planning, including
 - i. Conduct joint planning
 - ii. Review management plans and accomplishments.
- e. Review management plans means the GCDs must “consider”
 - i. Goals and impact of each management plan

- ii. Effectiveness of each management plan
- iii. Any other relevant issues
- iv. Degree to which each management plan achieves the DFCs (for GMA 11, “relevant aquifers within the GMA” includes all the areas and counties with no GCD)
- v. DFC adoption
- vi. TCEQ review procedures
- vii. Potential appeals

2. TECHNICAL TASKS

(consultant team will coordinate and perform these tasks as necessary and to the degree possible based on project funding)

- a. GMA must consider groundwater availability model (GAM) and other data/information and may establish different DFCs based on hydrologic, geologic, and geographic variations.
- b. Other data required to be included in the management plan
 - i. annual groundwater use
 - ii. recharge from precipitation
 - iii. discharge to springs, lakes, streams, etc.
 - iv. cross-formational and trans-boundary flow
 - v. projected surface water supply (from state water plan)
 - vi. projected total water demand (from state water plan)
- c. Each GCDs management plan must “consider” the water supply needs and management strategies in the state water plan. In addition to using the GAMs, GCDs may also use other site-specific data and information during development of their management plan.

DELIVERABLES – Information in the form of a report adequate for GMA 11 to establish their Desired Future Condition and provide data for inclusion in the GMA 11 Management Plan

Estimated Budget: \$85,000 Total

Region I \$42,500

Region D \$42,500

Budget estimate does not include extensive work related to the appeals process if that work is necessary.

Regions I & D have the same groundwater consultant, LBG-Guyton. It is a simple matter then for the regions to perform this work for GMA 11, split the cost of the work, and coordinate the work to assure consistency.

SCHEDULE – This work will be completed in time for GMA 11 to meet the December, 2007 deadline for them to have their Desired Future Condition included in the next state water plan.

Region I Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$42,500
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$42,500

10. COMPLETE WATER MANAGEMENT STRATEGY FOR LNG FACILITY IN JEFFERSON COUNTY AND DEVELOP WATER MANAGEMENT STRATEGIES TO SUPPLY RECENTLY ANNOUNCED REFINERY EXPANSIONS IN JEFFERSON COUNTY

At least three major refiners in Jefferson County have announced plans to significantly expand their operations. These announcements were made well after our regional plan was submitted to the TWDB as final. These refiners use large amounts of water in their current operations and will require significantly more water to serve these expansions than currently supplied. At present the Lower Neches Valley Authority holds water rights sufficient to supply these demands. However, the infrastructure to deliver the required water is likely not in place. This task would develop the water management strategies needed to for the infrastructure improvements required to meet these needs.

Construction of Golden Pass LNG terminal has been announced. A water management strategy for an LNG facility was included in our regional plan last cycle, but it was similar to Lake Fastrill, very late in the planning period. We need to complete work on this Water Management Strategy to meet the full requirements for water management strategies. The work needing to be accomplished is to quantify the environmental impacts likely from construction of the infrastructure needed to deliver the water required by this facility, and to examine the impacts on stream flow.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Determine Needs for Refinery Expansions and LNG Facility	\$2,600	\$400	\$3,000
Activity 2 – Evaluate Capacity of Infrastructure to Meet these Needs	\$8,300	\$700	\$9,000
Activity 3 – Develop Water Management Strategies to Supply Needed Water for these projects	\$10,000	\$500	\$10,500
Activity 4 – Prepare Report on Findings and Recommendations	\$7,000	\$500	\$7,500
Total	\$27,900	\$2,100	\$30,000

DELIVERABLES – Report detailing the information developed adequate to amend the Region I Regional Water Plan if necessary to accommodate these unanticipated water demands

SCHEDULE – This work will be completed within 12 months of our authorization to proceed.

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$30,000
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$30,000

11. REVIEW POPULATION WITHIN REGION I

It is likely population distribution within the region has changed since Hurricanes Katrina & Rita. In all probability the region has gained population from Katrina refugees.

We will work with the water suppliers and power companies in East Texas to determine if there was a significant increase in connections after these storms that has continued until today. If there has been an increase, we will obtain enrollment information from school districts in the indicated counties to aid in determining the number of persons per household.

DELIVERABLES - We will prepare a report of our findings for use as part of a baseline in the 3rd round of regional water planning and for use in an amendment of our second round plan if necessary.

Activity	Labor Budget	Expense Budget	Total Budget
Activity 1 – Review New Information with TWDB	\$1,200	\$200	\$1,400
Activity 2 – Evaluate WUG’s with Significant Change in Population	\$10,000	\$1,500	\$11,500
Activity 3 – Prepare Summary Report	\$5,000	\$500	\$5,500
Total	\$16,200	\$2,200	\$18,400

SCHEDULE – This work will be completed within 12 months of our authorization to proceed.

Expense Budget

CATEGORY	TOTAL AMOUNT
Salaries & Wages ¹	0
Fringe ²	0
Travel	0
Other Expenses ³	0
Subcontract Services	\$18,400
Voting Planning Member Travel ⁵	0
Overhead ⁴	0
Profit	0
TOTAL	\$18,400

Exhibit B

Mable Cannings

From: adgraphics [adgraphics@tylerpaper.com]
Sent: Wednesday, July 19, 2006 3:38 PM
To: mcannings@detcog.org
Subject: Deep East

Good Afternoon

Please find your requested ad proof for the Tyler Paper attached. Contact your account representative with comments or questions.

Have a great day,
Tyler Paper Ad Graphics Department
903-597-8111

*Publishes Affidavit
Tyler Morning Telegraph
Tyler Courier Times Herald
* Barbara Hallock
* 7/19/06*

7/20/2006

TO ALL INTERESTED PARTIES:

Notice of Public Meeting and Notice of Application to the Texas Water Development Board
for State Financial Assistance to Update the East Texas Regional Water Plan

July 23, 2006

The East Texas Water Planning Region is a 20-county area including Anderson, Angelina, Cherokee, Hardin, Henderson, Houston, Jasper, Jefferson, Nacogdoches, Newton, Orange, Panola, Polk, Rusk, Sabine, San Augustine, Shelby, Smith, Trinity, and Tyler counties.

(1) Notice is hereby given that the East Texas Regional Water Planning Group (ETRWPG) is applying for a grant from the Texas Water Development Board (TWDB) in response to a request for proposals issued pursuant to 31 TAC § 355.92 to implement special studies to address changed conditions affecting the Regional Water Plan and to aid in preparing the 2011 Regional water Plan in accordance with Texas Water Code § 16.053. The proposed grant application will be submitted on September 14, 2006, and will be considered by the Texas Water Development Board (TWDB) at its meeting in November 2006. The East Texas Regional Water Planning Group has designated the Deep East Texas Council of Governments (DETCOG) to submit the application to the TWDB.

(2) Notice is hereby given that the ETRWPG is requesting public input on activities that should be included in the application and in the scope of work for the 2011 Regional Water Plan.

As required by 31 TAC Chapter 357.12(a)(1), public comment will be received at a Public Meeting to be held:

Date: August 23, 2006
Time: 10 a.m.
Location: Lufkin City Hall, Room #202
300 E. Shepherd
Lufkin, TX

The ETRWPG will meet to consider the public comment and the draft application immediately following the public meeting. Written comments on the proposed scope of work should be submitted to Mable Cannings, at the address shown below, within 30 days of the date of this notice.

Written comments on the application for funding must be filed with the Executive Administrator of the TWDB (see the address below) and the Deep East Texas Council of Governments by 5:00 p.m. September 1, 2006.

Copies of the grant application may be obtained from the DETCOG at the address below when it becomes available. The current East Texas Regional Water Plan and the TWDB Request for Proposals with a list of activities eligible for funding are available for review on the TWDB website at www.twdb.state.tx.us, and at the DETCOG offices during regular business hours.

Mable Cannings
Deep East Texas Council of Governments
118 S. First Street
Lufkin, TX 75901

J. Kevin Ward
Executive Administrator
Texas Water Development Board
P. O. Box 13231
Austin, Texas 78711

Questions or requests for additional information may be submitted to: Gary C. Graham, P.E.
Schaumburg & Polk, Inc. 8865 College Street Beaumont, TX 77707 Fax 409-866-0337. Mr.
Graham is the project manager for the East Texas Regional Water Planning Group.

Mable Cannings

From: Mable Cannings [mcannings@detcog.org]
Sent: Thursday, July 20, 2006 4:06 PM
To: ndumes@beaumontenterprise.com
Cc: mcannings@detcog.org
Subject: FW: Public Meeting Notice



Water Board - Pub.
Notice.doc

-----Original Message-----

From: Mable Cannings [mailto:mcannings@detcog.org]
Sent: Wednesday, July 19, 2006 10:46 AM
To: njohnson@coxnews.com; ndumes@beaumontenterprise.com;
c29@tylerpaper.com
Cc: mcannings@detcog.org
Subject: Public Meeting Notice

Attached is a Notice of Public Meeting and Notice of Application to be placed in the Legal Notices section of Sunday's paper. We must comply with our obligatory public listing 30 days prior to our meeting which is July 23, 2006. Please run, one time, on or before July 23!!!

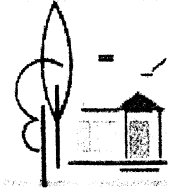
Please send billing, affidavit and tearsheets to Deep East Texas Council of Governments, Attention Ms. Pat Dubose, 210 Premier Drive., Jasper, TX 75951.

Should you have questions, please call Mable Cannings, Regional Planner, 936-634-2247.

For my records, please advise of the cost of this item. You may email me @mcannings@detcog.org.

Thank you

Town of Hornes



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Description

Legal Notices

TO ALL INTERESTED PARTIES Notice of Public Meeting and Notice of Application to the Texas Water Development Board for State Financial Assistance to Update the East Texas Regional Water Plan July 23, 2006 The East Texas Water Planning Region is a 20-county area including Anderson, Angelina, Cherokee, Hardin, Henderson, Houston, Jasper, Jefferson, Nacogdoches, Newton, Orange, Panola, Polk, Rusk, Sabine, San Augustine, Shelby, Smith, Trinity, and Tyler counties. (1) Notice is hereby given that the East Texas Regional Water Planning Group (ETRWPG) is applying for a grant from the Texas Water Development Board (TWDB) in response to a request for proposals issued pursuant to 31 TAC 355.92 to implement special studies to address changed conditions affecting the Regional Water Plan and to aid in preparing the 2011 Regional Water Plan in accordance with Texas Water Code 16.053. The proposed grant application will be submitted on September 14, 2006, and will be considered by the Texas Water Development Board (TWDB) at its meeting in November 2006. The East Texas Regional Water Planning Group has designated the Deep East Texas Council of Governments (DETCOG) to submit the application to the TWDB. (2) Notice is hereby given that the ETRWPG is requesting public input on activities that should be included in the application and in the scope of work for the 2011 Regional Water Plan. As required by 31 TAC Chapter 357.12(a)(1), public comment will be received at a Public Meeting to be held: Date: August 23, 2006 Time: 10 a.m. Location: Lufkin City Hall, Room #202 300 E. Shepherd Lufkin, TX The ETRWPG will meet to consider the public comment and the draft application immediately following the public meeting. Written comments on the proposed scope of work should be submitted to Mable Cannings, at the address shown below, within 30 days of the date of this notice. Written comments on the application for funding must be filed with the Executive Administrator of the TWDB (see the address below) and the Deep East Texas Council of Governments by 5:00 p.m. September 1, 2006. Copies of the grant application may be obtained from the DETCOG at the address below when it becomes available. The current East Texas Regional Water Plan and the TWDB Request for Proposals with a list of activities eligible for funding are available for review on the TWDB website at www.twdb.state.tx.us and at the DETCOG offices during regular business hours. Mable Cannings Deep East Texas Council of Governments 118 S. First Street Lufkin, TX 75901 J Kevin Ward Executive Administrator Texas Water Development Board P.O. Box 13231 Austin, Texas 78711 Questions or requests for additional information may be submitted to: Gary C. Graham, P.E. Schaumburg & Polk, Inc. 8865 College Street Beaumont, TX 77707 Fax 409-866-0337. Mr. Graham is the project manager for the East Texas Regional Water Planning Group.

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First published Saturday, July 22, 2006

NOTICE Request for Proposals for Construction Management At Risk Services The Central Independent

ema

TO ALL INTERESTED PARTIES:

Notice of Public Meeting and Notice of Application to the Texas Water Development Board for State Financial Assistance to Update the East Texas Regional Water Plan

July 23, 2006

The East Texas Water Planning Region is a 20-county area including Anderson, Angelina, Cherokee, Hardin, Henderson, Houston, Jasper, Jefferson, Nacogdoches, Newton, Orange, Panola, Polk, Rusk, Sabine, San Augustine, Shelby, Smith, Trinity, and Tyler counties.

- (1) **Notice is hereby given** that the East Texas Regional Water Planning Group (ETRWPG) is applying for a grant from the Texas Water Development Board (TWDB) in response to a request for proposals issued pursuant to 31 TAC § 355.92 to implement special studies to address changed conditions affecting the Regional Water Plan and to aid in preparing the 2011 Regional water Plan in accordance with Texas Water Code § 16.053. The proposed grant application will be submitted on September 14, 2006, and will be considered by the Texas Water Development Board (TWDB) at its meeting in November 2006. The East Texas Regional Water Planning Group has designated the Deep East Texas Council of Governments (DETCOG) to submit the application to the TWDB.
- (2) **Notice is hereby given** that the ETRWPG is requesting public input on activities that should be included in the application and in the scope of work for the 2011 Regional Water Plan.

As required by 31 TAC Chapter 357.12(a)(1), public comment will be received at a **Public Meeting** to be held:

Date: August 23, 2006
Time: 10 a.m.
Location: Nacogdoches Recreation Center
1112 North Street
Nacogdoches, Tx

The ETRWPG will meet to consider the public comment and the draft application immediately following the public meeting. Written comments on the proposed scope of work should be submitted to Mabel Cannings, at the address shown below, within 30 days of the date of this notice.

Written comments on the application for funding must be filed with the Executive Administrator of the TWDB (see the address below) and the Deep East Texas Council of Governments by 5:00 p.m. September 1, 2006.

Copies of the grant application may be obtained from the DETCOG at the address below when it becomes available. The current East Texas Regional Water Plan and the TWDB Request for Proposals with a list of activities eligible for funding are available for review on the TWDB website at www.twdb.state.tx.us. and at the DETCOG offices during regular business hours.

Mabel Cannings
Deep East Texas Council of Governments
118 S. First Street
Lufkin, Tx 75901

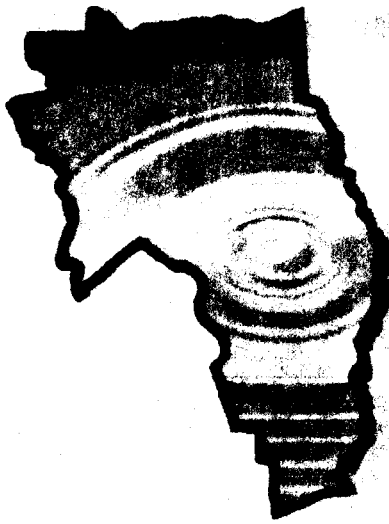
J. Kevin Ward
Executive Administrator
Texas Water Development Board
P. O. Box 13231
Austin, Texas 78711

Questions or requests for additional information may be submitted to: Gary C. Graham, P.E. Schaumburg & Polk, Inc. 8865 College Street Beaumont, Tx 77707 Fax 409-866-0337. Mr. Graham is the project manager for the East Texas Regional Water Planning Group.

Exhibit C

EAST TEXAS REGIONAL WATER PLANNING GROUP

RWPA "I"



Chairman
David Alders
8740 FM 226
Nacogdoches, TX 75961
936-569-1284 (Tel)
936-560-1284 (Fax)
dalders@direcway.com (E-mail)

Political Subdivision/Administrative Office
Deep East Texas Council of Governments
210 Premier Dr.
Jasper, TX 75951
409-384-5704 (Tel)
409-384-5390 (Fax)
water@detcog.org (E-Mail)
www.detcog.org/etwpg/ (Internet)

Executive
Committee:

David Alders
Chairman

Melvin Swoboda
1st Vice Chairman

Worth Whitehead
2nd Vice Chairman

David Brock
Secretary

Jerry Clark
Assistant Secretary

Kelley Holcomb
At-Large

Ernest Mosby
At-Large

Members:

George P. Campbell
Josh Willson David
Carl R. Griffith, Jr.
Michael Harbordt
Bill Heugel
Bill Kimbrough
Glenda Kindle
Duke Lyons
Monty Shank
Dale R. Peddy
Hermon Reed
Robert Stroder
Dr. J. Leon Young

Political Subdivision/
Administrative Office

Walter G. Diggles
Executive Director
DETCOG

Date: July 26, 2006

To: Voting, non-voting members of the East Texas Regional Water Planning Group and all interested parties.

From: Mable Cannings, Regional Services
Deep East Texas Council of Governments

Subject: Special Meeting Notice

Please mark your calendar! A special meeting of the East Texas Regional Water Planning Group has been set for August 23, 2006, to receive Public Comment regarding the Application to the Texas Water Development Board for State Financial Assistance to Update the East Texas Regional Water Plan. The meeting will be held at the time and place specified below.

Date: August 23, 2006
Time: 10 a.m.
Place: Lufkin City Hall #202
300 E. Shepherd
Lufkin, TX 7575961

If you should have any questions, please feel free to contact me at (936) 634-2247, ext. 245, or by e-mail at mcannings@detcog.org

Thank you and we will see you there!

EAST TEXAS REGIONAL WATER PLANNING GROUP

RWPA "I"



Chairman

David Alders
8740 FM 226
Nacogdoches, TX 75961
936-569-1284 (Tel)
936-560-1284 (Fax)
dalders@direcway.com (E-mail)

Political Subdivision/Administrative Office

Deep East Texas Council of Governments
210 Premier Dr.
Jasper, TX 75951
409-384-5704 (Tel)
409-384-5390 (Fax)
water@detcog.org (E-Mail)
www.detcog.org/etwpg/ (Internet)

Executive
Committee:

David Alders
Chairman

Melvin Swoboda
1st Vice Chairman

Worth Whitehead
2nd Vice Chairman

David Brock
Secretary

Jerry Clark
Assistant Secretary

Kelley Holcomb
At-Large

Ernest Mosby
At-Large

Members:

George P. Campbell
Josh Willson David
Carl R. Griffith, Jr.
Michael Harbordt
Bill Heugel
Bill Kimbrough
Glenda Kindle
Duke Lyons
Monty Shank
Dale R. Peddy
Hermon Reed
Robert Stroder
Dr. J. Leon Young

Political Subdivision/
Administrative Office

Walter G. Diggles
Executive Director
DETCOG

Date: August 10, 2006

To: Voting, non-voting members of the East Texas Regional Water Planning Group and all interested parties.

From: Mable Cannings, Regional Services
Deep East Texas Council of Governments

Subject: Notice of Meeting and Agenda

The East Texas Regional Water Planning Group will conduct a meeting to address a number of issues of interest to the group including a Public Comment session to receive input regarding the Application to the Texas Water Development Board for State Financial Assistance to Update the East Texas Regional Water Plan. Attached please find an Agenda for this meeting. Also, attached are the minutes from the June 21, 2006 meeting.

The meeting will be held at the time and place specified below.

Date: August 23, 2006
Time: 10 a.m.
Place: Lufkin City Hall #202
300 E. Shepherd
Lufkin, TX 7575961

If you should have any questions, please feel free to contact me at (936) 634-2247, ext. 245, or by e-mail at mcannings@detcog.org

Thank you and we will see you there!

Open Meeting Submission

Date of Submission:	08/9/06
Board:	Deep East Texas Council of Governments
Committee:	East Texas Regional Water Planning Group
Date of Meeting:	8/23/06
Time of Meeting:	10:00 a.m.
Street Location:	300 E. Shepherd - Lufkin City Hall #202
City Location:	Lufkin
State Location:	Texas
If Emergency meeting, Reason:	
Original Meeting TRD #	
Additional Information Obtained From:	Mable Cannings, 936-634-2247, ext. 245 or by e-mail at

AGENDA

Call to Order, Invocation & Pledge of Allegiance, Roll Call/Determination of Quorum, Consideration and Approval of Minutes, Financial Report, Report of Adjoining Regions, Reports by Standing Committees, Reports from Other State Agencies, DETCOG Report, Report from TX Water Development Board Staff, Report from Consultant Team, Public Comment, Unfinished Business, New Business, Chairman's Report, Set the next meeting, Adjourn.

Requested by: Mable Cannings **Date:** 08/09/06

Approved by: _____ **Date:** _____

Submitted by: _____ **Date:** _____

Joe Hopkins
City of Vidor
170 N. Main
Vidor, TX 77662

Fred E. Williams
City of Kountze
P.O. Box 188
Kountze, TX 77625

Glenn Johnson
City of Port Neches
P.O. Box 758
Port Neches, TX 77651

Oscar G. Ortiz
City of Port Arthur
P.O. Box 1089
Port Arthur, TX 77641

Bob Harris
City of Tatum
P.O. Box 110
Tatum, TX 75591

Joe B. Burris
City of Elkhart
P.O. Box 944
Elkhart, TX 75839

Foy Brown
City of Henderson
400 West Main St.
Henderson, TX 75652

Erin Galloway
City of Bevil Oaks
7390 Sweetgum Road
Bevil Oaks, TX 77713

Carson Joines
City of Carthage
P.O. Box 400
Carthage, TX 75633

Regina Lindsey
City of Silsbee
105 South 3rd St.
Silsbee, TX 77656

Dewey A. Simms
City of Alto
P.O. Box 447
Alto, TX 75925

William Brown Claybar
City of Orange
P.O. Box 520
Orange, TX 77631

Mike Gray
City of Whitehouse
P.O. Box 776
Whitehouse, TX 75791

Kenneth Durrett
City of Jacksonville
P.O. Box 1390
Jacksonville, TX 75766

Joe T. Parker
City of Kilgore
P.O. Box 900
Kilgore, TX 75662

Evelyn M. Lord
City of Beaumont
P.O. Box 3827
Beaumont, TX 77704-3827

Charles Horton
City of Rusk
408 N. Main St.
Rusk, TX 75785

Bobbie Burgess
City of Bridge City
P.O. Box 846
Bridge City, TX 77611

Don Surratt
City of Lumberton
836 N. Main St.
Lumberton, TX 77657

Joye Rains
City of Chandler
P.O. Box 425
Chandler, TX 75758

George J. Foss
City of Palestine
504 N. Queen St.
Palestine, TX 75801

Keith Parsons
City of Overton
P.O. Drawer D
Overton, TX 75684

James Gouger
City of Frankston
P.O. Box 186
Frankston, TX 75763

Joey Seeber
City of Tyler
P.O. Box 2039
Tyler, TX 75710

Robert Murff
City of China
P.O. Box 248
China, TX 77613

David L. Anderson
Panola County Courthouse
110 S. Sycamore , Room 216A
Carthage, TX 7533

Carey G. McKinney
Anderson County Courthouse
500 N. Church
Palestine, TX 75802

Carl R. Griffith Jr.
Jefferson County Courthouse
1149 Pearl St.
Beaumont, TX 77701

Sandra Hodges
Rusk County Courthouse
115 North Main St.
Henderson, TX 75652

Chris Davis
Cherokee County Courthouse
502 N. Main St.
Rusk, TX 75785

Carl K. Thibodeaux
Orange County Courthouse
123 South 6th Street
Orange, TX 77630

Becky Dempsey
Smith County Courthouse
100 N. Broadway
Tyler, TX 75710

Billy Caraway
Hardin County Courthouse
300 Monroe
Kountze, TX 77625

David Holstein
100 East Tyler
Courthouse Suite 102
Athens, Tx 75751

~~David Anderson
County Judge
110 South Sycamore, 216-A
Carthage TX 75633~~

Joe Berry
County Judge
PO Box 908
Lufkin TX 75902

~~Billy Caraway
County Judge
300 Monroe Street
Kountze TX 77625~~

Truman Dougharty
County Judge
P O Box J
Newton TX 75966

Mark Evans
County Judge
P.O. Box 457
Groveton TX 75845

Fritz Faulkner
County Judge
1 State Highway 150 #5
Coldspring TX 77331

Joe Folk
County Judge
121 North Austin Rm. 106
Jasper TX 75951

Wayne Holt
County Judge
106 Courthouse
San Augustine TX 75972

Sue Kennedy
County Judge
101 W. Main, #130
Nacogdoches TX 75961

Lloyd Kirkham
County Judge
P O Box 369
Liberty TX 77575

Jack Leath
County Judge
P O Drawer 580
Hemphill TX 75948

Jerome Owens
County Judge
100 Courthouse
Woodville TX 75979

John Thompson
County Judge
101 W. Church St.
Livingston TX 77351

R. C. von Doenhoff
County Judge
P O Box 370
Crockett TX 75835

Floyd Watson
County Judge
200 San Augustine St.
Center TX 75935

A NEW COUNTY JUDGE AS OF JAN. 1, 2007

N. F. Burt
Mayor of Appleby
14059 North Hwy 59
Nacogdoches TX 75965

Marion Neill
Mayor of Broaddus
P O Box 149
Broaddus TX 75929

Monica Garrett
Mayor of Browndell
Rt 2, Box 211B
Brookeland TX 75931

J. L. Bell
Mayor of Burke
Rt. 3 Box 315
Diboll TX 75941

John Windham
Mayor of Center
P O Box 507
Center TX 75935

C. E. Lawrence
Mayor of Chester
P O Box 87
Chester TX 75936

John Ragland
Mayor of Chireno
P O Box 87
Chireno TX 75937

Pat Eversole
Mayor of Coldspring
P O Box 247
Coldspring TX 77331

Don Baird
Mayor of Colmesneil
P O Box 144
Colmesneil TX 75938

Grimes Fortune
Mayor of Corrigan
101 W. Ben Franklin
Corrigan TX 75939

Wayne Mask
Mayor of Crockett
305 South Fifth Street
Crockett TX 75835

Don Richards
Mayor of Cushing
P O Box 365
Cushing TX 75760

James Simms
Mayor of Diboll
P O Box 340
Diboll TX 75941

Patsy Nugent
Mayor of Garrison
129 W. Greenwood St
Garrison TX 75946

David Armitage
Mayor of Goodrich
P O Box 277
Goodrich TX 77335

Dick Bridges
Mayor of Grapeland
P O Box 567
Grapeland TX 75844

Troy Jones
Mayor of Groveton
P O Box 37
Groveton TX 75845

Robert Hamilton
Mayor of Hemphill
P O Box 788
Hemphill TX 75948

Robert Smith
Mayor of Hudson
201 Mt. Carmel Rd.
Hudson TX 75904

Herman Woolbright
Mayor of Huntington
P O Box 349
Huntington TX 75949

Larry Vaughn
Mayor of Huxley
11798 FM 2694
Shelbyville TX 75973

David Barber
Mayor of Jasper
P O Box 610
Jasper TX 75951

Steve Hughes
Mayor of Joaquin
P O Box 237
Joaquin TX 75954

Bill Thomas
Mayor of Kennard
P O Box 115
Kennard TX 75847

Giles Horn
Mayor of Kirbyville
107 S. Elizabeth
Kirbyville TX 75956

Daphanie Hereford
Mayor of Latexo
P O Box 1108
Latexo TX 75849

Ben Ogletree
Mayor of Livingston
200 W. Church
Livingston TX 77351

David Driskell
Mayor of Lovelady
P O Box 83
Lovelady TX 75851

Jack Gorden
Mayor of Lufkin
P O Drawer 190
Lufkin TX 75902-0190

Bob Dunn
Mayor of Nacogdoches
P O Box 635030
Nacogdoches TX 75963

Rachel Martin
Mayor of Newton
101 North Street
Newton TX 75965

Lew Vail
Mayor of Onalaska
P O Box 880
Onalaska TX 77360

John Booker
Mayor of Pineland
P O Box 6
Pineland TX 75968

Lillian Bratton
Mayor of Point Blank
P O Box 474
Point Blank TX 77364

Patrick Fussell
Mayor of San Augustine
301 South Harrison
San Augustine TX 75972

Calvin Cooper
Mayor of Seven Oaks
P O Box 540
Leggett TX 77350

Obie Daniels
Mayor of Shepherd
11020 Hwy 150
Shepherd TX 77371

George Bowers
Mayor of Teneha
P O Box 70
Teneha TX 75974

Douglas McDonald
Mayor of Timpson
P O Box 369
Timpson TX 75975

Lyle Stubbs
Mayor of Trinity
P O Box 431
Trinity TX 75862-0431

Tony Castillo
Mayor of Woodville
400 West Bluff
Woodville TX 75979

Hulon Miller
Mayor of Zavalla
P O Box 108
Zavalla TX 75980

RWPG	UTILITY NAME	ADDRESS	CITY	STATE	ZIP	ZIP EXT.	AREA CODE	PHONE
	A & P WATER COMPANY	PO BOX 1416	HENDERSON	TX	75653	1416	903	657-5518
	A & P WATER SUPPLY	PO BOX 322	CARTHAGE	TX	75633		903	693-5846
	AFTON GROVE WATER SUPPLY	PO BOX 1282	JACKSONVILL	TX	75766		903	586-3302
	ALTO RURAL WATER SUPPLY	PO BOX 616	ALTO	TX	75925		409	858-4648
	ANDERSON COUNTY CEDAR	905 BASSETT	PALESTINE	TX	75801		903	729-4457
	ANGELINA & NECHES RIVER	PO BOX 387	LUFKIN	TX	75902		409	632-7795
	ANGELINA COUNTY FWSD 1	PO BOX 387	LUFKIN	TX	75902		409	632-7795
	ANGELINA WSC	5978 FM 841	LUFKIN	TX	75901		936	824-2865
	APPLE SPRINGS WSC	PO BOX 8	APPLE	TX	75926		936	831-2270
	APPLEBY WSC	151 DEEN ST	NACOGDOCH	TX	75965	7259	936	569-9782
	AQUASOURCE DEVELOPMENT	11100 BRITTMORE	HOUSTON	TX	77041		713	983-3000
	AQUASOURCE DEVELOPMENT	1421 WELLS	PFLUGERVILL	TX	78660		512	670-7625
	AQUASOURCE UTILITY INC	1421 WELLS	PFLUGERVILL	TX	78660	3230	512	670-7625
	ARLAM CONCORD WSC	PO BOX 324	GARRISON	TX	75946		409	347-2833
	ARROWHEAD POINT PROPERTY	PO BOX 443	BROADDUS	TX	75929		936	872-4437
	ATHENS LAND COMPANY	PO BOX 423	CENTERVILLE	TX	75833	423	903	536-7200
	B B S WSC	PO BOX 75	MONTALBA	TX	75853		903	549-2929
	B C Y WSC	PO BOX 7	TENNESSEE	TX	75861		903	928-2349
	BEECHWOOD WSC	HC 6 BOX 763	HEMPHILL	TX	75948		409	579-3138
	BELLE OAKS WATER AND SEWER	8385 CHEMICAL	BEAUMONT	TX	77705	6996	409	842-6768
	BEN WHEELER WSC	PO BOX 104	BEN	TX	75754		903	833-5206
	BETHEL ASH WSC	801 N PALESTINE	ATHENS	TX	75751	4455	903	677-5651
	BEULAH WSC	RR 2 BOX 4460	LUFKIN	TX	75901		409	829-4147
	BEVIL OAKS MUD	7525 SWEETGUM	BEAUMONT	TX	77713		409	753-2126
	BLACKJACK WSC	ROUTE 3 BOX 964	TROUP	TX	75789		903	586-3911
	BLACKSHER DEVELOPMENT CORP	4158 HIGHWAY 87	ORANGE	TX	77630		409	735-9632
	BLAND LAKE WSC	174 COUNTY	CENTER	TX	75935		936	288-0489
	BLUE WATER KEY WATER SYSTEM	2702 AN COUNTY	MONTALBA	TX	75853	2324	800	436-9394
	BON WIER WSC	PO BOX 167	BON WIER	TX	75928	167	409	357-4506
	BREWER KELLY	PO BOX 1409	VIDOR	TX	77670		409	769-9030
	BROOKELAND FWSD	PO BOX 5350	SAM	TX	75951	7700	409	698-2914
	BRUSHY CREEK WSC	PO BOX 168	MONTALBA	TX	75853		903	549-2488
	BUENA VISTA WSC	1110 TENAHA ST	CENTER	TX	75935	3035	409	254-2962
	BURKEVILLE WSC	PO BOX 220	BURKEVILLE	TX	75932		409	565-4387
	C R C WSC	PO BOX 2551	ATHENS	TX	75751		903	489-2001
	CANYON PARK POA INC	PO BOX 1735	ONALASKA	TX	77360	1735	936	646-3529
	CARDINAL MEADOWS	749 HILLEBRANDT	BEAUMONT	TX	77705	5964	409	835-6799
	CARO WSC	3947 STATE HWY	NACOGDOCH	TX	75964		936	564-3078
	CARRIZO WATER CORPORATION	2702 AN COUNTY	MONTALBA	TX	75853	2324	800	436-9394
	CARROLL WATER SUPPLY	PO BOX 428	VAN	TX	75790		903	963-5559
	CAYUGA WSC	PO BOX 338	CAYUGA	TX	75832		903	499-2881
	CENTERVILLE WSC	8895 N ST HWY 94	GROVETON	TX	75845		409	642-2451
	CENTRAL WCID OF ANGELINA	5307 N US	POLLOK	TX	75969	4549	936	853-2354
	CHALK HILL SUD	16076 FM 1716	HENDERSON	TX	75652		903	643-2927
	CHASE HOLLOW WATER SYSTEM	10406 HIGHWAY 87	ORANGE	TX	77632	578	409	746-9640
	CHESTER WSC	PO BOX 77	CHESTER	TX	75936		713	969-2518
	CHOICE WSC	PO BOX 1409	CENTER	TX	75935		936	590-9177
	CHURCH HILL WSC	PO BOX 482	HENDERSON	TX	75653		903	889-3399
	CITY OF ALTO	PO BOX 447	ALTO	TX	75925		936	858-4761
	CITY OF ARP	PO DRAWER 68	ARP	TX	75750		903	859-6131
	CITY OF ATHENS	508 E TYLER ST	ATHENS	TX	75751		903	675-7562
	CITY OF BEAUMONT	PO BOX 3827	BEAUMONT	TX	77704		409	880-3745
	CITY OF BECKVILLE	PO BOX 97	BECKVILLE	TX	75631		903	678-2318
	CITY OF BERRYVILLE	PO BOX 908	FRANKSTON	TX	75763		903	876-3763
	CITY OF BRIDGE CITY	PO BOX 846	BRIDGE CITY	TX	77611		409	735-3349
	CITY OF BROADDUS	PO BOX 149	BROADDUS	TX	75929		936	872-3303
	CITY OF BROWNDELL	PO BOX 430	BROOKELAND	TX	75931		409	698-2293
	CITY OF BROWNSBORO	PO BOX 303	BROWNSBOR	TX	75756		903	852-6762
	CITY OF BULLARD	PO BOX 107	BULLARD	TX	75757	107	903	894-7223
	CITY OF CARTHAGE	PO BOX 400	CARTHAGE	TX	75633		903	693-3868
	CITY OF CENTER	PO BOX 1744	CENTER	TX	75935		969	598-2941
	CITY OF CHANDLER	PO BOX 425	CHANDLER	TX	75758		903	849-6853
	CITY OF CHINA	PO BOX 248	CHINA	TX	77613	248		
	CITY OF COFFEE CITY	PO BOX 716	FRANKSTON	TX	75763		903	876-3414
	CITY OF COLMESNEIL	PO BOX 144	COLMESNEIL	TX	75938		281	837-5211
	CITY OF CORRIGAN	101 W BEN	CORRIGAN	TX	75939		281	398-4126
	CITY OF CROCKETT	200 NORTH 5TH	CROCKETT	TX	75835		281	544-5156
	CITY OF CUSHING	PO BOX 365	CUSHING	TX	75760		409	326-4665
	CITY OF DIBOLL	PO BOX 340	DIBOLL	TX	75941		409	829-4757
	CITY OF ELKHART	PO BOX 944	ELKHART	TX	75839		903	764-5657
	CITY OF EUSTACE	PO BOX 579	EUSTACE	TX	75124		903	425-4702
	CITY OF FRANKSTON	PO BOX 186	FRANKSTON	TX	75763		903	876-2241
	CITY OF GARRISON	129 W	GARRISON	TX	75946		409	347-2201
	CITY OF GOODRICH	PO DRAWER 277	GOODRICH	TX	77335		936	365-2228
	CITY OF GRAPELAND	PO BOX 567	GRAPELAND	TX	75844		409	687-2115
	CITY OF GROVES	PO BOX 846	GROVES	TX	77619		409	722-6922
	CITY OF GROVETON	PO BOX 37	GROVETON	TX	75845	37	512	288-6771

Water Utility Groups

CITY OF HEMPHILL	PO DRAWER 788	HEMPHILL	TX	75948	409	787-2251
CITY OF HENDERSON	400 W MAIN	HENDERSON	TX	75652	903	657-6551
CITY OF HUNTINGTON	PO BOX 349	HUNTINGTON	TX	75949 349		
CITY OF HUXLEY	RR 1 BOX 1410	SHELBYVILLE	TX	75973 9734	409	368-2266
CITY OF JACKSONVILLE	PO BOX 1390	JACKSONVILL	TX	75766	903	586-3510
CITY OF JASPER	465 SOUTH MAIN	JASPER	TX	75951	409	384-4651
CITY OF JASPER	PO BOX 630648	NACOGDOCH	TX	75963	409	384-4651
CITY OF JOAQUIN	PO BOX 237	JOAQUIN	TX	75954	409	269-3670
CITY OF KENNARD	PO BOX 115	KENNARD	TX	75847	713	655-2151
CITY OF KILGORE	909 NORTH	KILGORE	TX	75662	903	984-5081
CITY OF KIRBYVILLE	107 S ELIZABETH	KIRBYVILLE	TX	75956	409	423-2451
CITY OF KOUNTZE	PO BOX 188	KOUNTZE	TX	77625	713	246-3463
CITY OF LINDALE	PO BOX 130	LINDALE	TX	75771	903	882-3422
CITY OF LIVINGSTON	200 W CHURCH ST	LIVINGSTON	TX	77351	713	327-4311
CITY OF LOG CABIN	1001 E TYLER	ATHENS	TX	75751	903	489-2195
CITY OF LOVELADY	PO BOX 83	LOVELADY	TX	75851	409	636-7313
CITY OF LUFKIN	PO DRAWER 190	LUFKIN	TX	75901	409	634-8881
CITY OF MABANK	PO BOX 293	MABANK	TX	75147	903	887-3241
CITY OF MALAKOFF	PO BOX 1177	MALAKOFF	TX	75148	903	489-0699
CITY OF MURCHISON	PO BOX 33	MURCHISON	TX	75778	903	469-3034
CITY OF NACOGDOCHES	PO BOX 635030	NACOGDOCH	TX	75963	409	564-4693
CITY OF NEDERLAND	PO BOX 967	NEDERLAND	TX	77627	409	727-2711
CITY OF NEW LONDON	PO BOX 428	NEW LONDON	TX	75682	903	895-4817
CITY OF NEW SUMMERFIELD	PO BOX 38	NEW	TX	75780	903	726-3651
CITY OF NEWTON	PO BOX 889	NEWTON	TX	75966	409	379-5061
CITY OF NOME	PO BOX 198	NOME	TX	77629	409	253-2155
CITY OF ONALASKA	PO BOX 880	ONALASKA	TX	77360	409	646-5376
CITY OF ORANGE	PO BOX 520	ORANGE	TX	77630	713	886-3611
CITY OF OVERTON	PO BOX 277	OVERTON	TX	75684	214	834-3172
CITY OF PALESTINE	504 N QUEEN ST	PALESTINE	TX	75801		
CITY OF PINEHURST	3640	ORANGE	TX	77630	409	886-4378
CITY OF PINELAND	PO BOX 6	PINELAND	TX	75968	409	584-2390
CITY OF PORT ARTHUR	PO BOX 1089	PORT	TX	77641	409	983-3321
CITY OF PORT NECHES	PO BOX 755	PORT	TX	77651	713	727-2181
CITY OF REKLAW	PO BOX 250	REKLAW	TX	75784 250	936	369-4333
CITY OF ROSE CITY	370 ROSE CITY DR	VIDOR	TX	77662	713	769-6809
CITY OF RUSK	408 NORTH MAIN	RUSK	TX	75785	903	683-2213
CITY OF SAN AUGUSTINE	301 SOUTH	SAN	TX	75972	936	275-2121
CITY OF SILSBEE	105 SOUTH THIRD	SILSBEE	TX	77656	409	385-2863
CITY OF SOUR LAKE	PO DRAWER 1	SOUR LAKE	TX	77659	281	287-3573
CITY OF STAR HARBOR	PO BOX 949	MALAKOFF	TX	75148	903	489-0091
CITY OF TATUM	PO BOX 1105	TATUM	TX	75691	903	947-2260
CITY OF TENAHA	PO BOX 70	TENAHA	TX	75974	409	248-3841
CITY OF TIMPSON	PO BOX 369	TIMPSON	TX	75975	409	254-2421
CITY OF TRINIDAD	PO BOX 345	TRINIDAD	TX	75163	903	778-2525
CITY OF TRINITY	PO DRAWER 431	TRINITY	TX	75862	409	594-2505
CITY OF TROUP	PO BOX 637	TROUP	TX	75789	903	842-3211
CITY OF TYLER	PO BOX 2039	TYLER	TX	75710	903	597-6651
CITY OF VAN	PO BOX 487	VAN	TX	75790	903	963-7216
CITY OF WELLS	PO BOX 8	WELLS	TX	75976	409	858-4711
CITY OF WHITEHOUSE	PO BOX 776	WHITEHOUSE	TX	75791	903	839-4914
CITY OF WINONA	PO BOX 97	WINONA	TX	75792	903	877-3381
CITY OF WOODVILLE	PO BOX 517	WOODVILLE	TX	75979	409	283-2234
CITY OF ZAVALLA	PO BOX 108	ZAVALLA	TX	75980	409	897-3311
CLAYTON WSC	PO BOX 3	CLAYTON	TX	75637	903	693-5920
COMMUNITY WATER COMPANY	310 NORTH 12TH	CORSICANA	TX	75110	903	874-8244
COMMUNITY WATER SYSTEMS	PO BOX 389	VIDOR	TX	77670 389	409	768-8768
CONSOLIDATED WSC	PO BOX 1035	LATEXO	TX	75849	409	544-2986
COUGAR COUNTRY WATER	PO BOX 23	BUNA	TX	77612	409	994-5618
COUNTRY CLUB PARK ESTATES	PO BOX 221	SABINE PASS	TX	77655	409	796-1677
COUNTRY LAKE WATER SUPPLY	PO BOX 1307	CARTHAGE	TX	75633	903	694-9039
COUNTRY SQUIRE WATER AND	10406 HIGHWAY 87	ORANGE	TX	77632 578	409	746-9640
CRAFT TURNEY WSC	PO BOX 1616	JACKSONVILL	TX	75766 1616	903	586-9301
CRESCENT HEIGHTS WSC	PO BOX 375	ATHENS	TX	75751	903	677-3946
CRIMS CHAPEL WSC	PO BOX 45	HENDERSON	TX	75652	903	836-4320
CROSS ROADS WSC	PO BOX 1001	KILGORE	TX	75662	903	984-8014
CRYSTAL FARMS WSC	PO BOX 1089	TATUM	TX	75691	903	947-2238
CRYSTAL SYSTEMS TEXAS INC	PO BOX 1084	TYLER	TX	75710	903	592-3811
CUNEY MUNICIPAL WATER CORP	PO BOX 68	CUNEY	TX	75759	903	876-4704
CYPRESS CREEK WSC	PO BOX 536	WOODVILLE	TX	75979	409	283-5472
D & M WSC	PO BOX 9	DOUGLASS	TX	75943	409	560-2360
DAL HIGH WATER	PO BOX 744	ATHENS	TX	75751	903	675-8544
DALLARDSVILLE SEGNO WSC	PO BOX 133	DALLARDSVIL	TX	77332 133	936	563-4892
DAMACUS STRUKER WATER	PO BOX 660	CORRIGAN	TX	75939	281	398-4229
DEADWOOD WSC	PO BOX 412	CARTHAGE	TX	75633	903	622-4615
DEAN WSC	PO BOX 4695	TYLER	TX	75704	903	597-2817
DEBERRY WSC	PO BOX 278	DE BERRY	TX	75639	903	766-3421
DENNING WSC	ROUTE 3 BOX 553	SAN	TX	75972	409	275-9444
DIALVILLE OAKLAND WSC	ROUTE 4 BOX 415	RUSK	TX	75785	903	683-8686
DIRGIN WSC	PO BOX 1266	TATUM	TX	75691 1266	903	836-2325
DOGWOOD ESTATES WATER	PO BOX 1230	ATHENS	TX	75751 1230	903	675-6894

DOGWOOD SPRINGS WSC	PO BOX 608	FRANKSTON	TX	75763	903	876-2283
DOUCETTE WATER SYSTEM	PO BOX 529	COLMESNEIL	TX	75938 529	409	283-3405
DUCK CREEK WSC	PO BOX 115	LINDALE	TX	75771	903	882-8504
EAST CEDAR CREEK FWSD	PO BOX 309	MABANK	TX	75147	903	887-7103
EAST LAMAR WSC	PO BOX 16	CENTER	TX	75935	409	598-5020
EAST NEWTON WSC	PO BOX 956	NEWTON	TX	75966 956	409	379-8200
EBENEZER WSC	PO BOX 1925	HENDERSON	TX	75653	903	657-0370
EDOM WSC	PO BOX 245	BROWNSBOR	TX	75756	903	852-3271
EL CAMINO BAY WSC	118 LAKEVIEW DR	HEMPHILL	TX	75948 9408	409	787-2766
EL PINON ESTATES WATER	6423 VAL STREET	GROVES	TX	77619	409	962-2250
ELDERVILLE WSC	PO BOX 7344	LONGVIEW	TX	75607	903	643-2692
EMERALD BAY MUD	208 S BAY DR	BULLARD	TX	75757 8939	903	825-2882
EMERALD BAY MUD	208 S BAY DRIVE	BULLARD	TX	75757 8939	903	825-7817
ETOILE WSC	PO BOX 67	ETOILE	TX	75944	936	854-2215
EVADALE WATER SYSTEM	PO BOX 100	EVADALE	TX	77615 100	409	276-1615
EVERGREEN PARK HICKORY HILLS	1590 N MAIN ST	VIDOR	TX	77662 3012	409	769-5426
FAIRPLAY WSC	PO BOX 603	BECKVILLE	TX	75631	903	678-3625
FAN REED INC	RR 7 BOX 45-2	JACKSONVILL	TX	75766	903	586-5234
FISHERMANS WHARF WATER	2904 COUNTY	MALAKOFF	TX	75148 4291	903	489-0710
FIVE WAY WSC	PO BOX 667	CENTER	TX	75935	936	590-9177
FLAT FORK WSC	PO BOX 99	CENTER	TX	75935	409	598-6144
FOREST WSC	PO BOX 311	WELLS	TX	75976	713	867-4249
FORT STANLEY AREA WATER	PO BOX 250	HUNTINGTON	TX	75949 250	936	897-2360
FOUNTAIN LAKE OWNERS WSC	242 FOUNTAIN LK	LIVINGSTON	TX	77351 6540	281	379-1572
FOUR PINES RURAL WSC	905 BASSETT	PALESTINE	TX	75803	903	729-1148
FOUR WAY WSC	PO BOX 250	HUNTINGTON	TX	75949	936	422-4188
FRANKSTON RURAL WSC	PO BOX 725	FRANKSTON	TX	75763	903	876-3149
FRISBYS LANDING INC	7 RAMP RD	TRINITY	TX	75862 3704	936	594-5970
FRONTIER PARK RESORT & G M WSC	RR 1 BOX 1690	HEMPHILL	TX	75948 9748	409	625-4712
GALLATIN WSC	PO BOX 727	HEMPHILL	TX	75948	409	787-2755
GARY WSC	PO BOX 140	GALLATIN	TX	75764	903	683-2150
GARY WSC	PO BOX 160	GARY	TX	75643 160	903	685-2225
GASTON WSC	PO BOX 98	JOINERVILLE	TX	75658	903	657-9080
GILL WSC	721 FM 2983	MARSHALL	TX	75672	903	938-5130
GLEN HAVEN UTILITY CO	PO BOX 192	TRINITY	TX	75862	409	594-2185
GLENDALE WSC	PO BOX 1404	TRINITY	TX	75862	409	594-6569
GOODSPRINGS WSC	PO BOX 2108	HENDERSON	TX	75654	903	854-4592
GRANT ROAD PUD	1506 WHISPERING	HOUSTON	TX	77055	713	739-1060
GUM CREEK WSC	BOX 1230	JACKSONVILL	TX	75766	903	586-8355
HAMSHIRE COMMUNITY WSC	PO BOX 248	HAMSHIRE	TX	77622 248	409	243-3293
HARDIN COUNTY WCID 1	101 PINE GARDEN	SOUR LAKE	TX	77659	713	753-2357
HARRISBURG WSC	RR 1 BOX 549	JASPER	TX	75951 9771	409	383-0298
HEIGHTS WATER CO	14397 FM 2767	TYLER	TX	75705	903	566-2754
HIDDEN ACRES WATER SYSTEM	12993 MEADOW	EUSTACE	TX	75124	903	425-3022
H-M-W SUD	PO BOX 837	PINEHURST	TX	77362		
HOLLANDS QUARTER WSC	PO BOX 146	CARTHAGE	TX	75633	903	693-6726
HOLLY HUFF WSC	PO BOX 1917	JASPER	TX	75951	409	384-3559
HUBER RURAL WSC	RT 3 BOX 242B	TIMPSON	TX	75975	936	254-2108
HUDSON WSC	3620 TED TROUT	LUFKIN	TX	75904	409	875-2146
IDLEWOOD WCID 1	732 EDGEWOOD	LUFKIN	TX	75904	936	637-6832
IONI WATER SUPPLY	1149 AN CO RD	ELKHART	TX	75839	903	478-3215
IRON HILL WSC	RT 2 BOX 300	RUSK	TX	75785	903	683-6050
JACKSON WSC	17764 CR 26	TYLER	TX	75707	903	566-1320
JACOBS WSC	PO BOX 854	HENDERSON	TX	75653	903	657-9601
JAMESTOWN WSC	PO BOX 886	JASPER	TX	75951	409	384-4471
JASPER COUNTY WCID 1	PO DRAWER 1207	BUNA	TX	77612	409	994-3532
JEFFERSON COUNTY WCID 10	3707 CENTRAL	NERDERLAND	TX	77627	409	722-6922
JOHNSON UTILITIES INC	PO BOX 900	LIVINGSTON	TX	77351 900	936	327-3816
JOHNSON WATER SERVICE	PO BOX 8009	LUMBERTON	TX	77657 9	409	246-2440
KALITA POINT UTILITY	125 TIMBO TRAIL	LIVINGSTON	TX	77351	936	967-4908
KENNARD WSC	PO BOX 115	KENNARD	TX	75847		
KENNEDY ROAD WSC	PO BOX 1176	KILGORE	TX	75663	903	984-6208
LAKE LIVINGSTON WATER SUPPLY	PO BOX 1149	LIVINGSTON	TX	77351	800	774-9283
LAKESHORE UTILITY COMPANY	106 E CORSICANA	ATHENS	TX	75751 2502	903	675-4316
LAKEVILLE WATER	HC 6 BOX 552	HEMPHILL	TX	75948 9523	409	579-9900
LANEVILLE WSC	PO BOX 91	LANEVILLE	TX	75667 91	903	863-2606
LEAGUEVILLE WSC	PO BOX 462	BROWNSBOR	TX	75756	903	852-6410
LEGGETT WSC	PO BOX 757	LIVINGSTON	TX	77351	936	328-8582
LEVERETTS CHAPEL WSC	RT 2 BOX 20AA	OVERTON	TX	75684	214	834-6489
LIBBY WSC	15553 N FM 85	NACOGDOCH	TX	75961 376	936	564-5200
LIBERTY CITY WSC	6144 GATEWAY	KILGORE	TX	75662	903	984-9593
LILBERT LOONEYVILLE WSC	RR 1 BOX 45	CUSHING	TX	75760 9708	281	326-4195
LILLY GROVE SUD	2651 FM 343	NACOGDOCH	TX	75964	936	569-9292
LINDALE RURAL WSC	PO BOX 756	LINDALE	TX	75771	903	882-3335
LINDSAY PURE WATER CO	PO BOX 5	LINDSAY	TX	76250	940	665-0977
LITTLE BIG HORN SERVICES	8029 FM 92	SILSBEE	TX	77656	409	722-6070
LONE PINE WSC	PO BOX 1616	PALESTINE	TX	75802	903	729-9660
LONGFORD PLACE WATER AND LUMBERTON MUD	10406 HIGHWAY 87	ORANGE	TX	77632 578	409	746-9640
LUMBERTON MUD	PO BOX 8065	LUMBERTON	TX	77657	409	755-1559
M & M WSC	4616 E STATE	LUFKIN	TX	75901	936	632-7826
MASON LAKE WATER SYSTEM	3595 FM 3277	LIVINGSTON	TX	77351 1661	281	592-5350

MAURICEVILLE SUD	PO BOX 1000	MAURICEVILL	TX	77626	409	745-4882
MAYDELLE WSC	PO BOX 44	MAYDELLE	TX	75772	903	795-3301
MCCLELLAND WSC	6438 STATE	SHELBYVILLE	TX	75973 2919	409	598-5793
MEEKER MWD	807 N MEEKER RD	BEAUMONT	TX	77713	409	866-1670
MELROSE WSC	12542 E STATE	NACOGDOCH	TX	75961 7953	409	560-2360
MEMORIAL POINT UTILITY	PO BOX 1193	LIVINGSTON	TX	77351	281	566-4273
MINDEN BRACHFIELD WSC	PO BOX 136	MINDEN	TX	75680	903	898-2555
MOFFETT TWIN OAKS MOBILE	122 S 2ND ST	LUFKIN	TX	75901 3042	936	637-2229
MONTALBA WSC	PO BOX 73	MONTALBA	TX	75853	903	549-2471
MOORE WATER SERVICE	PO BOX 256	HAMSHIRE	TX	77622 256	409	243-3315
MOORES STATION WSC	3429 FM 314	LARUE	TX	75770	903	852-2156
MOSCOW WSC	PO BOX 250	MOSCOW	TX	75960	409	398-4966
MT ENTERPRISE WSC	PO BOX 368	MOUNT	TX	75681	903	822-3464
MURVAUL WSC	PO BOX 105	GARY	TX	75643 105	903	693-3450
NACOGDOCHES COUNTY MUD 1	158 COUNTY	NACOGDOCH	TX	75964 8739	409	564-7292
NECHES WSC	PO BOX 217	NECHES	TX	75779	903	584-3316
NEW CONCORD WSC	PO BOX 115	PRICE	TX	75687 115	903	842-3615
NEW PROSPECT WSC	2937 STATE HWY	HENDERSON	TX	75652	903	657-6201
NIGTON WAKEFIELD WSC	PO BOX 117	APPLE	TX	75926	409	831-2507
NOGALUS CENTRALIA WSC	228 PROTHRO RD	APPLE	TX	75926	936	831-2499
NORTH CHEROKEE WSC	PO BOX 1021	JACKSONVILL	TX	75766	903	586-4366
NORTH HARDIN WSC	PO BOX 55	SILSBEE	TX	77656	409	385-7355
NORTHWEST FOREST MUD	PO BOX 4915	BEAUMONT	TX	77704		
NORWOOD WSC	PO BOX 115	PALESTINE	TX	75802	903	729-3013
OAK GROVE WSC	18742 US	AVERY	TX	75554 7203	903	684-3327
OAKLAND WSC	11746 COUNTY	HENDERSON	TX	75654 2450	903	889-3343
ON SITE WATER WORKS	PO BOX 7831	THE	TX	77387 7831	832	257-7600
ONALASKA WSC	PO BOX 823	ONALASKA	TX	77360	409	646-5393
ORANGE COUNTY WCID 1	460 E BOLIVAR ST	VIDOR	TX	77662	713	769-2669
ORANGE COUNTY WCID 2	PO BOX 278	ORANGE	TX	77630	409	883-4003
ORANGFIELD WSC	PO BOX 398	ORANGFIELD	TX	77639	409	892-0233
OW PROPERTY OWNERS	8799 CHARLYA DR	ATHENS	TX	75752 6162	903	677-3924
P C S DEVELOPMENT COMPANY	PO BOX 1447	ORANGE	TX	77631 1447	409	883-4361
PANOLA BETHANY WSC	PO BOX 279	BETHANY	LOUISIANA	71007	903	766-3514
PAXTON WSC	PO BOX 1409	CENTER	TX	75935	936	590-9177
PAYNE SPRINGS WSC	9690 STATE	MABANK	TX	75156	903	451-5300
PENDLETON UTILITY CORP	PO BOX 591	MARSHALL	TX	75671 591	903	938-5272
PENNINGTON WSC	PO BOX 15	PENNINGTON	TX	75856	936	638-4411
PINE HILL CHAPMAN WSC	11746 COUNTY	HENDERSON	TX	75654 2450	903	889-2143
PINE RIDGE WSC	21240 FM 1253	MINEOLA	TX	75773	903	569-2710
PIXLEY WATER WORKS	1699 FM 2665	GOODRICH	TX	77335 7114	936	365-2418
PLEASANT HILL WSC	BOX 223	NEW LONDON	TX	75682	903	895-4417
PLEASANT SPRINGS WSC	PO BOX 146	ELKHART	TX	75839	936	544-2986
PLEASURE POINT PROPERTY	PO BOX 163	ZAVALLA	TX	75980 163	936	897-3494
POINT ROYAL WATER SYSTEM	2250 ROYAL DRIVE	CHANDLER	TX	75758	903	849-7154
POLK COUNTY FWSD 2	PO BOX 2250	ONALASKA	TX	77360 2250	409	646-5977
POLLOK REDTOWN WSC	PO BOX 10	REDTOWN	TX	75969		
POYNOR COMMUNITY WSC	PO BOX 228	POYNOR	TX	75782	903	876-4254
PRAIRIE GROVE WSC	RR 1 BOX 492	DIBOLL	TX	75941 9709	936	829-3429
PRICE WSC	PO BOX 126	PRICE	TX	75687	903	861-3502
PROVIDENCE WSC	PO BOX 726	LIVINGSTON	TX	77351	409	327-8307
PURE UTILITIES INC	3595 FM 3277	LIVINGSTON	TX	77351 1661	936	327-7070
QUAIL VALLEY MOBILE HOME	1930 DUBLIN	VIDOR	TX	77662	409	769-3638
R C WSC	336 RESORT DR	LIVINGSTON	TX	77351 9112	936	967-8837
R P M WSC	200 VZ COUNTY	BEN	TX	75754 4265	903	852-3115
RAINBOWS END SEWER SYSTEM	100 RAINBOW DR	LIVINGSTON	TX	77351 9340	936	327-8873
RANCHLAND POA INCORPORATED	PO BOX 1248	KOUNTZE	TX	77625	409	246-8460
RATCLIFF WATER SUPPLY	PO BOX 1386	RATCLIFF	TX	75858	409	655-2151
RAYBURN COUNTRY MUD	PO BOX 5060	JASPER	TX	75951	409	698-2523
RAYLAKE WATER SUPPLY	PO BOX 120	ZAVALLA	TX	75980	409	897-2360
REDLAND ESTATES UTILITIES	5350 US HIGHWAY	LUFKIN	TX	75901 8528	409	637-5070
REDLAND WSC	5350 US HIGHWAY	LUFKIN	TX	75901 8528	936	637-5070
REHOBETH WATER SUPPLY	PO BOX 691	CARTHAGE	TX	75633	903	693-9709
RIDERVILLE WATER SUPPLY	PO BOX 227	CARTHAGE	TX	75633	903	693-5613
RIVER BEND WATER SERVICES	PO BOX 735	MATAGORDA	TX	77457	979	863-7769
ROBINS STEVE L	BOX 342	LAIRD HILL	TX	75666	903	834-7191
ROCK HILL WATER SUPPLY	RR 2 BOX 251	BECKVILLE	TX	75631	903	693-3918
ROLLING HILLS SUBDIVISION	RR 1 BOX 1169W	SHELBYVILLE	TX	75973 9716	936	368-2449
ROMARK UTILITY COMPANY	108 S	LIVINGSTON	TX	77351	936	327-8262
RURAL WSC	PO BOX 832	JASPER	TX	75951	409	384-9590
RUSK RURAL WSC	PO BOX 606	RUSK	TX	75785	903	683-6178
SACUL WSC	PO BOX 11	SACUL	TX	75788	409	324-4445
SAM RAYBURN WATER INC	PO BOX 154322	LUFKIN	TX	75915 4322	936	637-6901
SAN AUGUSTINE RURAL WSC	BOX 182	SAN	TX	75972	936	275-2538
SAND FLAT WSC	2814 FM 16-E	TYLER	TX	75706 2324	903	858-2264
SAND HILLS WSC	13938 STATE	CENTER	TX	75935 5769	936	590-9032
SENECA WSC	PO BOX 27	WOODVILLE	TX	75979	409	283-7870
SEVEN OAKS WATER SYSTEM	PO BOX 378	LEGGETT	TX	77350 378	936	398-5591
SHAN D WATER SUPPLY	RR 24 BOX 19331	HOUSTON	TX	77049 9824	903	836-2540
SHELBYVILLE WSC	PO BOX 297	SHELBYVILLE	TX	75973	409	598-5793
SHILOH RIDGE WATER SYSTEM	113 VICKSBURG	LIVINGSTON	TX	77351	936	365-2265

SILVERLEAF RESORTS INC	17141 PINTAIL DR	FLINT	TX	75762 9628	903	825-2113
SLOCUM WSC	5720 E STATE	ELKHART	TX	75839	903	478-3486
SMITH COUNTY WCID 1	11928	TYLER	TX	75708	903	877-3644
SODA WSC	PO BOX 136	LIVINGSTON	TX	77351	281	563-4245
SOUTH JASPER COUNTY WSC	PO BOX 1939	BUNA	TX	77612	409	994-3723
SOUTH KIRBYVILLE RURAL WSC	PO BOX 189	CALL	TX	75933 189	409	423-5474
SOUTH MURVAUL WSC	463 CR 194	GARY	TX	75643 9747	903	685-2819
SOUTH NEWTON WSC	PO BOX 659	DEWEYVILLE	TX	77614 659	409	746-2271
SOUTH RUSK COUNTY WSC	PO BOX 38	LANEVILLE	TX	75667	903	863-2124
SOUTH SABINE WSC	HC 52 BOX 935	HEMPHILL	TX	75948	409	579-4185
SOUTHERN UTILITIES COMPANY	718 NORTH	TYLER	TX	75702 5710	903	593-2588
STAFFORD COUNTRY ESTATES	PO BOX 1108	TATUM	TX	75691	0	-
STAR MOUNTAIN WSC	PO BOX 528	WINONA	TX	75792	903	877-3096
STARRVILLE FRIENDSHIP WSC	PO BOX 1482	GLADEWATER	TX	75647	903	845-3882
STARRVILLE WSC	11620 COUNTY	WINONA	TX	75792 6722	903	877-9181
STARWARD REALTY & DEV INC	PO BOX 10280	COLLEGE	TX	77842 280	281	558-3684
STOWAWAY BAY WATER SYSTEM	PO BOX 325	ONALASKA	TX	77360 325	936	646-3272
STRYKER LAKE WSC	PO BOX 156	NEW	TX	75780	903	726-3933
SUN N FUN ASSOCIATION	315 SUN DR	ZAVALLA	TX	75980 7141	936	897-2312
SUTTON HILLS ESTATES	PO BOX 25	BROADDUS	TX	75929	936	872-3083
SWIFT WSC	10410 N FM 95	NACOGDOCH	TX	75961	936	569-1224
TALL TIMBERS UTILITY COMPANY	PO BOX 2584	LITCHFIELD	AZ	85340	480	488-4152
TALL TIMBERS WSC	RR 1 BOX 334	BURKEVILLE	TX	75932 9733	409	565-4892
TECON WATER COMPANY LP	4144 N CENTRAL	DALLAS	TX	75204 2108	214	647-2200
TEMPE WSC 1	2120 U S HIGHWAY	LIVINGSTON	TX	77351 9602	713	327-3176
TENNESSEE WSC	ROUTE 3 BOX	TIMPSON	TX	75975	936	254-2108
TEXAS LANDING UTILITIES	PO BOX 2110	ONALASKA	TX	77360	936	646-2224
TEXAS WATER SUPPLY	PO BOX 839	LIVINGSTON	TX	77351	936	327-4211
TEXAS WATER SYSTEMS INC	PO BOX 131945	TYLER	TX	75713 1945	903	859-1491
THREE COMMUNITY WSC	18870 WYATT RD	BROWNSBOR	TX	75756 4588	903	852-6117
TIMBERLANE ESTATES PROPERTY	HC 53 BOX 303	HEMPHILL	TX	75948 9608	409	579-2502
TIMBERLANE WATER SYSTEM INC	972 N 20TH ST	NEDERLAND	TX	77627 4922	409	727-8180
TIMPSON RURAL WSC	ROUTE 3 BOX	TIMPSON	TX	75975	409	254-2108
TRINITY RURAL WSC	PO BOX 709	TRINITY	TX	75862	936	594-2192
TUCKER WSC	PO BOX 593	ELKHART	TX	75839 593	903	538-2238
TYLER COUNTY WSC	PO BOX 138	SPURGER	TX	77660	409	429-3994
UNION HILL WSC	11650 COUNTY	BROWNSBOR	TX	75756	903	852-5382
UPPER JASPER COUNTY WATER	RT 7 BOX 364-4	JASPER	TX	75951	409	384-6301
UTILITY TEC WATER RESOURCES	1421 WELLS	PFLUGERVILL	TX	78660 3230	512	670-7625
VIRGINIA HILL WATER SUPPLY	707 E COLLEGE ST	ATHENS	TX	75751 2618	903	675-7487
WALNUT BEND WATER SYSTEM	PO BOX 326	WELLS	TX	75976	409	897-2562
WALNUT COVE WSC	PO BOX 893	WILLIS	TX	77378 893	713	672-9444
WALNUT GROVE WSC	PO BOX 269	WHITEHOUSE	TX	75791	903	839-4372
WALNUT RIDGE ESTATES WATER	PO BOX 427	ZAVALLA	TX	75980 427	936	897-2323
WALSTON SPRINGS WSC	PO BOX 910	PALESTINE	TX	75802	903	729-4236
WARREN WSC	PO BOX 95	WARREN	TX	77664 95	409	547-2719
WATER NECESSITIES	PO BOX 62	VIDOR	TX	77670	409	769-9030
WATERCO INCORPORATED	PO BOX 7	RIVERSIDE	TX	77367	936	594-5375
WEST CEDAR CREEK MUD	821 S TOOL DR	TOOL	TX	75143	903	432-3704
WEST GREGG WSC	PO BOX 1196	KILGORE	TX	75662	903	983-1816
WEST HARDIN WSC	PO BOX 286	SARATOGA	TX	77585	936	274-5011
WEST JACKSONVILLE WATER	PO BOX 1245	JACKSONVILL	TX	75766	903	586-0973
WEST JEFFERSON COUNTY MWD	7824 GLENBROOK	BEAUMONT	TX	77705	409	794-2886
WESTWOOD SHORES MUD	PO BOX 1768	TRINITY	TX	75862	936	594-3411
WESTWOOD WSC	RR 3 BOX 519-	JASPER	TX	75951	409	384-7634
WILDWOOD PROPERTY OWNERS	PO BOX 903	VILLAGE	TX	77663 903	409	834-2241
WODEN WSC	441 CR 520	NACOGDOCH	TX	75961	409	560-0203
WOODLAKE JOSSERAND WSC	PO BOX 103	WOODLAKE	TX	75865	936	642-1796
WOODLAWN WSC	3015 TED TROUT	LUFKIN	TX	75904	409	632-7171
WOODMARK UTILITIES	PO BOX 2585	LITCHFIELD	AZ	85340	623	935-9367
WOODMERE PARK	6940 SCENIC DR	EUSTACE	TX	75124	903	425-4451
WOODS CREEK WSC	2120 U S HIGHWAY	LIVINGSTON	TX	77351 9602	281	563-4667
WRIGHT CITY WSC	24065 LYLES LANE	TROUP	TX	75789	903	859-1281
YAUPON COVE WATER SYSTEM	PO BOX 1600	ONALASKA	TX	77360 1600	936	646-4142
YOUNGS WATER SYSTEM	PO BOX 386	GOODRICH	TX	77335	409	365-3695

Water Rights in Region I

Water Right		River		Basin		Name		Address Line 1	
Number		Number		Number		Number		Number	
4650	SABINE						3-H ASSOCIATION INC		C/O BETTY STONE
4490	NECHES-TRINITY						QUIDA ABERCROMBIE		
4393	NECHES						ABITIBI CONSOLIDATED CORP		
4313	NECHES-TRINITY						JOHNNY FAYE ACKEL		
4418	NECHES						ALABAMA-COUSHATTA RESERVATION		
4396	NECHES						NOLAN BAILEY ALDERS		
4840	NECHES						E LANDON ALFORD ET AL		
4843	NECHES						E LANDON ALFORD ET AL		
4537	NECHES						ANGELINA & NECHES RIVER AUTHORITY		
4847	NECHES						ANGELINA-NACOGDOCHES COS WCID #1		
5848	NECHES						ARKEMA INC		SULFOX PROCESS UNIT
4501	NECHES						CONNIE C ARMSTRONG JR		
3304	NECHES						ARRINGTON SAWMILL INC		
3255	NECHES						ATHENS FISH AND GAME CLUB INC		C/O JO MCCABE
3256	NECHES						ATHENS MUNICIPAL WATER AUTHORITY		
5206	NECHES						ATOFINA PETROCHEMICALS INC		ATTN GERALD YOUNG
4405	NECHES						ATTOYAC HUNTING & FISHING CLUB		
4427	NECHES						F KENNETH BAILEY		ATTORNEY AT LAW
3287	NECHES						PERNIE BAILEY DRILLING COMPANY		C/O W A BROWN
4100	NECHES-TRINITY						CITY OF BEAUMONT		PUBLIC UTILITIES DEPARTMENT
4415	NECHES						CITY OF BEAUMONT		PUBLIC UTILITIES DEPARTMENT
4480	NECHES-TRINITY						CITY OF BEAUMONT		PUBLIC UTILITIES DEPARTMENT
3265	NECHES						HENRY C BECK JR		
5185	NECHES						HENRY CONSTABLE BECK III		
3231	NECHES						BELL SAND COMPANY		
4640	SABINE						C J BENNETT & WIFE		(DELMA BENNETT)
4466	NECHES-TRINITY						EARLENE BENSON ET AL		(M NAUSCHUTZ AND D CONFAIR)
5072	TRINITY						ERNEST BERTRAM		
4231	TRINITY						BISON DEVELOPMENT CO		
3296	NECHES						JAMES ROBERT BLOUNT ET AL		
5629	NECHES						HOMER L BOASE ET UX		(JO NELL BOASE)
5235	TRINITY						DONALD M BOLTON SR ET AL		

Address Line 2	Address Line 3	City	State	Zip	Zip+4
	142 HEATON RD	CARTHAGE	TX	75633	6448
	2845 VICTORIA ST	BEAUMONT	TX	77701	8440
	PO BOX 1149	LUFKIN	TX	75902	1149
	PO BOX 67	HAMSHIRE	TX	77622	0067
	RR 3 BOX 640	LIVINGSTON	TX	77351	9512
	5437 E STATE HWY 7	NACOGDOCHES	TX	75961	7929
	PO BOX 67	HENDERSON	TX	75653	0067
	PO BOX 67	HENDERSON	TX	75653	0067
	PO BOX 387	LUFKIN	TX	75902	0387
	1524 WOODBERRY DR	LUFKIN	TX	75904	5354
	PO BOX 1427	BEAUMONT	TX	77704	1427
	3811 TURTLE CREEK BLVD STE 1100	DALLAS	TX	75219	4444
	PO BOX 1898	JACKSONVILLE	TX	75766	1898
	PO BOX 718	BROWNSBORO	TX	75756	0718
	501 N PINKERTON ST	ATHENS	TX	75751	4427
	PO BOX 849	PORT ARTHUR	TX	77641	0849
	PO BOX 162	MARTINSVILLE	TX	75958	0162
	PO BOX 4905	BEAUMONT	TX	77704	4905
	PO BOX 399	GRAPELAND	TX	75844	0399
	PO BOX 3827	BEAUMONT	TX	77704	3827
	PO BOX 3827	BEAUMONT	TX	77704	3827
	PO BOX 3827	BEAUMONT	TX	77704	3827
	1807 ROSS AVE STE 500	DALLAS	TX	75201	8006
	1807 ROSS AVE STE 500	DALLAS	TX	75201	8006
	PO BOX 4055	TYLER	TX	75712	4055
	10879 COUNTY ROAD 243 N	KILGORE	TX	75662	9041
	10244 BRIAR FOREST DR	HOUSTON	TX	77042	2403
	615 E LARKSPUR CIR	PEARLAND	TX	77584	2099
	PO BOX 7446	AMARILLO	TX	79114	7446
	707 EL CAMINO DR	GRAPELAND	TX	75844	2030
	PO BOX 85	SACUL	TX	75788	0085
	RR 8 BOX 791	PALESTINE	TX	75801	9019

3277	NECHES	MINNIE A BOLTON ET AL	C/O S O EZELL
3288	NECHES	CHARLENE BONNETTE	
4637	SABINE	BORAL BRICKS INC	HENDERSON BRICK DIVISION
4490	NECHES-TRINITY	MARIE BORDAGES ET AL	TEXAS COMMERCE BANK
4398	NECHES	GENE BORDERS	
4228	NECHES-TRINITY	NOLIA F BOUDREAUX ET AL	
4531	SABINE	MIRIAM M. & JEANETTE BOUNDS	
5583	NECHES	BOY SCOUTS OF AMERICA, THREE RIVERS COUNCIL	
4426	NECHES	BURWELL F BOYKIN	
5484	NECHES	EUGENE LINDSEY BOYKIN	
4543	NECHES	BILLY J & CAROL E BRADSHAW	
4846	NECHES	FOSTER L BREWER	
3290	NECHES	E HUBERT BRIMBERRY	
4271	NECHES-TRINITY	J E BROUSSARD II ET AL	
4477	NECHES-TRINITY	J E BROUSSARD II ET AL	
4481	NECHES-TRINITY	J E BROUSSARD II ET AL	
4488	NECHES-TRINITY	J E BROUSSARD II ET AL	
4447	NECHES-TRINITY	JAMES L BROUSSARD ET AL	
4450	NECHES-TRINITY	JAMES L BROUSSARD ET UX	
4447	NECHES-TRINITY	MARY R BROUSSARD ET AL	
4492	NECHES-TRINITY	BERNIE BROWN ET AL	
4641	SABINE	E E BROWN & WIFE	
5070	TRINITY	RUBY M BROWN	C/O ROY BRUNSON
3293	NECHES	W A BROWN	
3284	NECHES	WYMAN AND MARIE F BROWN	
5088	TRINITY	HENRY C BROWN ESTATE	
4234	TRINITY	O O BROWN TRUSTEE ET AL	C/O DARLENE BROWN
4636	SABINE	BROWN'S LAKE FISHING CLUB	C/O MELBA M ALLEN
4556	SABINE	JAMES A BURGESS	
3233	NECHES	LARRY J BURKS ET AL	
4444	NECHES-TRINITY	W G BURRELL ESTATE	WINGATE FARMS
5074	TRINITY	JOE B BURRIS	
5057	TRINITY	CAMILLE E BUTLER	
5065	TRINITY	CAMILLE E BUTLER	
4392	NECHES	DAN H BYRAM	
4233	TRINITY	PEGGY W CANNON ET AL	(CANNON WARD CANNON AND CANNON)
3286	NECHES	ANNIE MAYE CARNES	

1513 SE LOOP 456	JACKSONVILLE	TX	75766	9791
PO BOX 358	GRAPELAND	TX	75844	0358
PO BOX 2110	HENDERSON	TX	75653	2110
PO BOX 2751	BEAUMONT	TX	77704	2751
PO BOX 247	CENTER	TX	75935	0247
11975 BROOKS RD	BEAUMONT	TX	77713	3001
4635 FM 31 SOUTH	CARTHAGE	TX	75633	8597
4650 W CARDINAL DR	BEAUMONT	TX	77705	2797
78 PINE GROVE RD	WOODVILLE	TX	75979	9761
3165 FM 256	WOODVILLE	TX	75979	9653
RR 5 BOX 427	RUSK	TX	75785	9329
503 PINEHILL RD	HENDERSON	TX	75654	3627
1135 BOX RANCH RD	MOODY	TX	76557	4102
PO BOX 3111	BEAUMONT	TX	77704	3111
PO BOX 3111	BEAUMONT	TX	77704	3111
PO BOX 3111	BEAUMONT	TX	77704	3111
PO BOX 3111	BEAUMONT	TX	77704	3111
1790 AMELIA ST	BEAUMONT	TX	77707	3016
1790 AMELIA ST	BEAUMONT	TX	77707	3016
6433 ROLLA ST	HOUSTON	TX	77055	7117
5980 TOWNHOUSE LN	BEAUMONT	TX	77707	1841
7797 FM 1249 E	KILGORE	TX	75662	8190
22 PRISM COVE PL	THE WOODLANDS	TX	77381	3636
PO BOX 399	GRAPELAND	TX	75844	0399
RR 1 BOX 232A	GRAPELAND	TX	75844	9740
PO BOX 993	GRAPELAND	TX	75844	0993
RR 5 BOX 434	CROCKETT	TX	75835	7714
701 N CENTER ST	BONHAM	TX	75418	3709
3127 US HIGHWAY 59	BECKVILLE	TX	75631	8555
PO BOX 4400	TYLER	TX	75712	4400
20397 BURRELL WINGATE RD	BEAUMONT	TX	77705	8504
PO BOX 453	ELKHART	TX	75839	0453
14547 OAK CHASE DR	HOUSTON	TX	77062	2287
14547 OAK CHASE DR	HOUSTON	TX	77062	2287
912 NORTHWIND	PORT ARTHUR	TX	77640	6840
1621 WESTLAKE DR	PLANO	TX	75075	8700
570 AN COUNTY ROAD 175	GRAPELAND	TX	75844	4015

1309 KILGORE DR

4444	NECHES-TRINITY	MARY DALE CARPER	
5086	TRINITY	WILLIE BEDFORD CASKEY	C/O CLYDE BEDFORD
5087	TRINITY	BEN H & ALAN S CAUDLE	
4404	NECHES	CITY OF CENTER	
4657	SABINE	CITY OF CENTER	
5810	SABINE	CITY OF CENTER	
3268	NECHES	LELAND S CHAFFIN JR ET UX	(JUDITH H HENKELS)
4199	NECHES	JERRY DARRELL CHANCE ET AL	
5096	TRINITY	C D CHEATHAM JR & ETTIE CHEATHAM	
3258	NECHES	JOHN E CHESLEY ET AL	(LARRY BYRD)
4422	NECHES	CHESWOOD LAKE CLUB	ATTN KENNY SIMPSON
4859	NECHES	LUTHER DEAN CHRISTOPHER	
4861	NECHES	LUTHER DEAN CHRISTOPHER	
3271	NECHES	CIRCLE R HUNTING & FISHING CLUB INC	
4442	NECHES-TRINITY	CLARK PORT ARTHUR PIPELINE CO	
4428	NECHES	MORRIS C CLEMMONS JR	
4471	NECHES-TRINITY	HERBERT CLUBB	
4439	NECHES-TRINITY	O D & ROBERT CLUBB	
4448	NECHES-TRINITY	HERBERT CLUBB & SONS INC	
4449	NECHES-TRINITY	HERBERT CLUBB & SONS INC	
5071	TRINITY	NAT COLEMAN	
5068	TRINITY	ERNEST COLEMAN ESTATE ET AL	C/O NAT COLEMAN
4463	NECHES-TRINITY	RICHARD B COLLINS ET AL	(SR, CR, RB, RR COLLINS)
4389	NECHES	COLMESNEIL INDEPENDENT SCHOOL DIST	
5067	TRINITY	CHRISTINE COOPER ET AL	
3234	NECHES	COUNTRY CLUB LAKE PARK INC	
5036	TRINITY	EDWIN L COX	C/O RACHEL WILCOX
5056	TRINITY	EDWIN L COX	C/O RACHEL WILCOX
4465	NECHES-TRINITY	WALTER J CRAWFORD ET AL	
4387	NECHES	W C CREWS JR ET AL	
4383	NECHES	CROWN COLONY COUNTRY CLUB INC	
3295	NECHES	BOBBY & JUANICE CUNNINGHAM	
3291	NECHES	CHESTER CUNNINGHAM	
3292	NECHES	DONALD CUNNINGHAM ET AL	DBA CUNNINGHAM BROTHERS
5092	TRINITY	JAMES KENT DAILEY ESTATE	C/O HAZEL S DAILEY IND EXEC
4858	NECHES	B R DARBY JR	
5090	TRINITY	E S DARSEY & WIFE	C/O TUCKER

E HAMSHIRE RD

PO BOX 250	HAMSHIRE	TX	77622	0250
RR 4 BOX 4546	GRAPELAND	TX	75844	9317
PO BOX 600	GRAPELAND	TX	75844	0600
PO BOX 1744	CENTER	TX	75935	1744
PO BOX 1744	CENTER	TX	75935	1744
PO BOX 1744	CENTER	TX	75935	1744
2405 CARLISLE AVE	COLLEYVILLE	TX	76034	5435
PO BOX 231	FRED	TX	77616	0231
3619 STATE HIGHWAY 43	JEFFERSON	TX	75657	6951
4660 KINSEY DR	TYLER	TX	75703	1007
RR 1 BOX 565	COLMESNEIL	TX	75938	
RR 5 BOX 221	JACKSONVILLE	TX	75766	9330
RR 5 BOX 221	JACKSONVILLE	TX	75766	9330
370 AN COUNTY ROAD 385	PALESTINE	TX	75801	1846
9405 W PORT ARTHUR RD	BEAUMONT	TX	77705	9294
PO BOX 28	WOODVILLE	TX	75979	0028
18559 WILBER RD	HAMSHIRE	TX	77622	8492
21620 FM 365 RD	BEAUMONT	TX	77705	8819
18559 WILBER RD	HAMSHIRE	TX	77622	8492
18559 WILBER RD	HAMSHIRE	TX	77622	8492
4500 FM 2419	PALESTINE	TX	75801	0820
4500 FM 2419	PALESTINE	TX	75801	0820
PO BOX 1567	EL CAMPO	TX	77437	1567
PO BOX 37	COLMESNEIL	TX	75938	0037
2425 AUGUSTA DR APT 22	HOUSTON	TX	77057	4909
PO BOX 4913	TYLER	TX	75712	4913
6353 STATE HIGHWAY 19 N	ATHENS	TX	75752	4157
6353 STATE HIGHWAY 19 N	ATHENS	TX	75752	4157
420 N M L KING JR PKWY	BEAUMONT	TX	77701	2094
203 HARVEY ST	BAYTOWN	TX	77520	2831
900 CROWN COLONY DR	LUFKIN	TX	75901	7499
PO BOX 908	GRAPELAND	TX	75844	0908
PO BOX 908	GRAPELAND	TX	75844	0908
808 EL CAMINO DR	GRAPELAND	TX	75844	2026
5236 OLD SHEPARD PL	PLANO	TX	75093	5001
RR 5 BOX 323	JACKSONVILLE	TX	75766	9346
115 E HOMEWOOD DR	CROCKETT	TX	75835	4009

LOCHRIDGE RANCH
LOCHRIDGE RANCH

3268	NECHES	DEBORAH A CHAFFIN ET VIR	(LLOYD N CHAFFIN)
4848	NECHES	J L DEDMAN	
5389	NECHES	CITY OF DIBOLL	
3299	NECHES	MILDRED DICKEY ET AL	DBA 4-W TRUST
4651	SABINE	DIXIE LAKE INC	
4491	NECHES-TRINITY	MARVIN DUDLEY	
4447	NECHES-TRINITY	ESTATE OF INEZ B DURDIN	C/O RAY M BROUSSARD
4230	TRINITY	ELSIE ANNE EAKIN	C/O GRADY B LAKE JR
4844	NECHES	E H EASLEY & WIFE	
3236	NECHES	IRVIN EASLEY	
5041	NECHES	EASTMAN CHEMICAL COMPANY	ATTN OPERATIONS SUPPORT
3257	NECHES	ECHO LAKE PROPERTY OWNERS ASSN INC	
3235	NECHES	HOMER W EIKNER	
4118	NECHES	EXETER INVESTMENT COMPANY ET AL	
4434	NECHES	EXXONMOBIL OIL CO	
3269	NECHES	EVELYN EZELL	
3278	NECHES	EVELYN EZELL	
3279	NECHES	EVELYN EZELL	
4269	NECHES	LOUIS G & FRANCES E FEARS	
4407	NECHES	JOE J FISHER	C/O GUY C FISHER
4386	NECHES	ROBERT L FLOURNEY ET AL	
3246	NECHES	FLY IN LAKE INC	ATTN MR LONNIE C MCGUIRE JR
5063	TRINITY	FORD CARTWRIGHT INC	
4448	NECHES	CLARENCE M FORE	
5062	TRINITY	FORESTER BROTHERS	
4314	NECHES-TRINITY	MAX L FORTENBERRY ET AL	
4401	NECHES	GEORGE B FREDERICK ET AL	
4490	NECHES-TRINITY	J L GAFFORD	
3224	NECHES	GARDEN VALLEY GOLF RESORT INC	
4440	NECHES-TRINITY	JOHN F GAULDING ET AL	
5087	NECHES	JAMES A & JUDITH W GIBBS	
4397	NECHES	GRACE F GILCREASE	
5228	NECHES	JAMES RONALD GLASPIE ET UX	(SUSAN COLLEEN GLASPIE)
5095	TRINITY	JUDY ELAINE GOAR	
5222	NECHES	GRAPELAND COUNTRY CLUB	
3238	NECHES	GREENBRIER LAKE CLUB	C/O BOB DOUGHERTY
4186	NECHES	GULF STATES UTILITIES COMPANY	NECHES POWER STATION

704 BLUE MOUND RD EAST	HASLET	TX	76052	4027
PO BOX 632727	NACOGDOCHES	TX	75963	2727
PO BOX 340	DIBOLL	TX	75941	0340
RR 3 BOX 177A	GRAPELAND	TX	75844	8429
PO BOX 423	CARTHAGE	TX	75633	0423
1185 TAYLORS BAYOU RD	BEAUMONT	TX	77705	0750
1250 19TH ST	WINNIE	TX	77665	
RR 3 BOX 55	CROCKETT	TX	75835	9501
2850 US HIGHWAY 259 S	HENDERSON	TX	75654	5118
10664 LAKESHORE DR	TYLER	TX	75707	2624
PO BOX 7444	LONGVIEW	TX	75607	7444
PO BOX 278	BROWNSBORO	TX	75756	0278
14983 STATE HIGHWAY 64 W	TYLER	TX	75704	6429
109 TEMPLE BLVD # 2205	LUFKIN	TX	75901	7321
PO BOX 3311	BEAUMONT	TX	77704	3311
PO BOX 441	JACKSONVILLE	TX	75766	0441
PO BOX 441	JACKSONVILLE	TX	75766	0441
PO BOX 441	JACKSONVILLE	TX	75766	0441
12456 PARKEY LN	HOUSTON	TX	77015	6632
4407 BEE CAVES RD #611	AUSTIN	TX	78746	5285
118 S 2ND ST	LUFKIN	TX	75901	3042
9330 LYNDON B JOHNSON FWY STE 900	DALLAS	TX	75243	3443
PO BOX 165	PALESTINE	TX	75802	0165
1221 NW STALLINGS DR	NACOGDOCHES	TX	75964	3037
PO BOX 183	ATHENS	TX	75751	0183
8036 FRIAR POINT DR	PORT ARTHUR	TX	77642	6805
1693 HOLLY SPRINGS RD	GARRISON	TX	75946	7150
925 E LAVACA ST	BEAUMONT	TX	77705	4143
22049 FM 1995	LINDALE	TX	75771	7826
PO BOX 289	WINNIE	TX	77665	0289
4925 GREENVILLE AVE	DALLAS	TX	75206	4026
PO BOX 631024	NACOGDOCHES	TX	75963	1024
1480 AN COUNTY ROAD 320	FRANKSTON	TX	75763	7030
RR 2 BOX 2070	GRAPELAND	TX	75844	9504
PO BOX 395	GRAPELAND	TX	75844	0395
1106 1ST PL	TYLER	TX	75702	5700
PO BOX 2951	BEAUMONT	TX	77704	2951

4438	NECHES	GULF STATES UTILITIES COMPANY	SABINE POWER STATION
5314	NECHES	C D (JOSH) HAM	
4664	SABINE	E I DUPONT DE NEMOURS & CO	
4445	NECHES-TRINITY	HAMSHIRE-FANNETT ISD	
4871	NECHES	HANSON LAKE CLUB INC	C/O LENA E COLSLAN SEC
5015	NECHES	CECIL D HARPER JR	
5134	NECHES	S B HAYTER TRUST	
4663	SABINE	J A HEARD & J A HEARD JR	C/O COMMERCIAL BANK OF TEXAS NA
4490	NECHES-TRINITY	HARRY M HEBERT ET AL	C/O J R VITERBO
4490	NECHES-TRINITY	HILLARY B HEBERT	C/O EDWARD A DUNN INDEPENDENT EXECUTOR
4490	NECHES-TRINITY	L M HEBERT III ET UX	C/O DONNA J HEBERT
4490	NECHES-TRINITY	LOUIS M HEBERT JR	C/O L M HEBERT III
4490	NECHES-TRINITY	MARTIN R HEBERT JR ET AL	
4466	NECHES-TRINITY	R L HECKAMAN	
4379	NECHES	S W HENDERSON JR TRUSTEE	
4842	NECHES	CITY OF HENDERSON	ATTN CITY MANAGER
5578	SABINE	CITY OF HENDERSON	ATTN CITY MANAGER
4420	NECHES	HICKORY SPRINGS PROPERTY OWNERS	
3239	NECHES	HIDDEN HILL LAKE PROPERTY OWNERS	
4490	NECHES-TRINITY	ISAAC E & RUBY HILLEBRANDT	ASSOCIATION
4652	SABINE	HILLS LAKE FISHING CLUB	
4400	NECHES	HOLLY LAKE INC	
4855	NECHES	HOLLYWOOD CLUB LAKE INC	
3241	NECHES	ALLEN A HOLTH ET UX	C/O JAMES F DUTY
4656	SABINE	ARNOLD HOOPER & WIFE	
5097	TRINITY	HOUSTON CO WCID 1	
4478	NECHES-TRINITY	SHIRLA HOWARD ET AL	
5089	TRINITY	ERNEST E HUFF	
4437	NECHES	HUNTSMAN CORPORATION	
4432	NECHES	IDYLVILD GOLF CLUB INC	
4436	NECHES	INDEPENDENT REFINING CORPORATION	
4416	NECHES	INDIAN SPRINGS LAKE ESTATES INC	
4195	NECHES	INTERNATIONAL PAPER CO	C/O JOHNNY F MARSH
4279	NECHES	DON IRWIN ET UX	(BELINDA IRWIN)
4425	NECHES	IVANHOE PROP OWNERS IMPROVEMENT ASSN	C/O JAMES HARMAN PRESIDENT
3274	NECHES	CITY OF JACKSONVILLE	CITY MANAGER
5317	NECHES-TRINITY	JEFFERSON COUNTY NAV DIST	

PO BOX 888	BRIDGE CITY	TX	77611	0888
6476 FM 226	NACOGDOCHES	TX	75961	6671
PO BOX 1089	ORANGE	TX	77631	1089
PO BOX 223	HAMSHIRE	TX	77622	0223
EASTWOOD TER 48-B	NACOGDOCHES	TX	75961	
RR 4 BOX 4492	BULLARD	TX	75757	9220
PO BOX 630847	NACOGDOCHES	TX	75963	0847
5702 CARRIE DR	ORANGE	TX	77632	1010
504 N 34TH ST	NEDERLAND	TX	77627	7115
6146 CEDAR CREEK DR	HOUSTON	TX	77057	1802
5820 CALDER AVE	BEAUMONT	TX	77706	6207
1917 MOORE RD	BEAUMONT	TX	77713	3932
9060 MCLEAN ST	BEAUMONT	TX	77707	1221
PO BOX 486	HAMSHIRE	TX	77622	0486
PO BOX 1365	LUFKIN	TX	75902	1365
400 W MAIN ST	HENDERSON	TX	75652	3099
400 W MAIN ST	HENDERSON	TX	75652	3099
PO BOX 2102	LIVINGSTON	TX	77351	7102
PO BOX 8643	TYLER	TX	75711	8643
2390 BRANDT ST	VIDOR	TX	77662	2801
7333 RUSTIC VALLEY DR	DALLAS	TX	75248	2313
RR 6 BOX 2490	NACOGDOCHES	TX	75965	9806
111 MEMORIAL DR	JACKSONVILLE	TX	75766	9050
11638 CYPRESSWOOD DR	HOUSTON	TX	77070	2805
136 COUNTY ROAD 432	JOAQUIN	TX	75954	1220
PO BOX 1246	CROCKETT	TX	75835	1246
13593 COUNTY ROAD 437	DEXTER	MO	63841	8427
RR 1 BOX 180	GRAPELAND	TX	75844	9727
PO BOX 847	PORT NECHES	TX	77651	0847
1100 E PINESHADOWS DR	SOUR LAKE	TX	77659	9212
505 N SAM HOUSTON PKWY E STE 101	HOUSTON	TX	77060	4031
400 PAN AMERICAN DR # 1149	LIVINGSTON	TX	77351	3902
RR 6 BOX 314A	BULLARD	TX	75757	9694
PO BOX 631202	NACOGDOCHES	TX	75963	1202
1200 CAMELOT DR S	WOODVILLE	TX	75979	7308
PO BOX 1390	JACKSONVILLE	TX	75766	1390
420 MARTIN LUTHER KING PKY	BEAUMONT	TX	77701	

4482	NECHES-TRINITY	JEFFERSON LAND COMPANY INC	
4175	TRINITY	JGB-OTTER CREEK RANCH LLC ET AL	
5380	SABINE	CHARLES R JOHNSON	
5774	TRINITY	CLIFF JOHNSON	
4441	NECHES-TRINITY	KANSAS CITY SOUTHERN RAILWAY COMPANY	ATTN REAL ESTATE DEPARTMENT
4862	NECHES	R MI KELLERMAN & WIFE	
4839	NECHES	C R KELLEY ESTATE	
3230	NECHES	R E KERSH	C/O MARY KELLEY
4490	NECHES-TRINITY	LOUISE KIRKPATRICK	
5061	TRINITY	JOHN W KLEIN	
5076	TRINITY	JOHN W KLEIN	
3276	NECHES	JOSEPH WALLACE KOLB	
3276	NECHES	NANCY MARIE KOLB	
3298	NECHES	GRADY B LAKE JR ET AL	
4235	TRINITY	GRADY B LAKE JR ET AL	
4868	NECHES	LAKE ALAZAN INC	
3264	NECHES	LAKE FRANKSTON FISH AND GAME CLUB	
3281	NECHES	LAKE IONI FISHING AND HUNTING CLUB	
3273	NECHES	LAKE MARY HUNTING & FISHING CLUB	MARIE BOLTON SECRETARY/TREASURER
3242	NECHES	LAKE PLACID INC	C/O MRS ART FAULKNER SECRETARY
5643	SABINE	LAKE WINDERMERE LTD	A TEXAS LIMITED PARTNERSHIP
5066	TRINITY	LAKEVIEW METHODIST ASSEMBLY	JERRY SISK PLANT MANAGER
3283	NECHES	JIMMY DALE & SHERRIE LAWRENCE	
3229	NECHES	JOHN LENOX	
3276	NECHES	LINDA KOLB LESNIEWSKI	
4474	NECHES-TRINITY	JOEL E LEVINGSTON ET UX	(PORTIA A LEVINGSTON)
4486	NECHES-TRINITY	CARL D LEVY TRUSTEE	C/O KENNETH FURLOW
3261	NECHES	LOWELL V LEWIS JR	
4643	SABINE	LONG GLADE LAKE INC	
3267	NECHES	LOST PRAIRIE LAKE HUNTING & FISHING CLUB INC	
4661	SABINE	LOUISIANA-PACIFIC CORPORATION	ATTN WAYNE BARRICK
5027	NECHES	LOUISIANA-PACIFIC CORPORATION	ATTN WAYNE BARRICK
4476	NECHES-TRINITY	LOVELL LAKE COMPANY	
4411	NECHES	LOWER NECHES VALLEY AUTHORITY	
5743	NECHES	LOWER NECHES VALLEY AUTHORITY	
3289	NECHES	NEIL LOWERY	
4394	NECHES	CITY OF LUFKIN	

395 N 10TH ST	BEAUMONT	TX	77702	1901
12377 MERIT DR	DALLAS	TX	75251	2224
6120 DUNRAVEN RD	GOLDEN	CO	80403	2044
1293 ANDERSON CR NO 419	PALESTINE	TX	75803	
PO BOX 219335	KANSAS CITY	MO	64121	9335
1895 FM 1648	CUSHING	TX	75760	4903
PO BOX 33	JOINERVILLE	TX	75658	0033
PO BOX 4055	TYLER	TX	75712	4055
2825 VICTORIA ST	BEAUMONT	TX	77701	8440
17046 STUEBNER AIRLINE RD	KLEIN	TX	77379	6240
17046 STUEBNER AIRLINE RD	KLEIN	TX	77379	6240
1311 PINEY WOODS DR	FRIENDSWOOD	TX	77546	5225
RR 3 BOX 834	JACKSONVILLE	TX	75766	9500
RR 3 BOX 55	CROCKETT	TX	75835	9501
RR 3 BOX 55	CROCKETT	TX	75835	9501
PO BOX 632923	NACOGDOCHES	TX	75963	2923
12614 BRECKENRIDGE DR	DALLAS	TX	75230	2002
1149 AN COUNTY ROAD 186	ELKHART	TX	75839	5857
RR 1 BOX 1116	PALESTINE	TX	75801	9801
PO BOX 8166	TYLER	TX	75711	8166
PO BOX 1386	MARSHALL	TX	75671	1386
400 PRIVATE ROAD 6036	PALESTINE	TX	75801	4350
13003 E STATE HIGHWAY 294	GRAPELAND	TX	75844	4926
2006 COUNTY ROAD 3180	TYLER	TX	75706	8108
1013 PINEDALE PL	TYLER	TX	75701	9648
7744 LEVINGSTON RANCH RD	BEAUMONT	TX	77705	7738
PO BOX 20437	BEAUMONT	TX	77720	0437
1079 AN COUNTY ROAD 328 # A	PALESTINE	TX	75803	0707
12900 COUNTY ROAD 2127 N LOT 17	HENDERSON	TX	75652	8455
PO BOX 95	PALESTINE	TX	75802	0095
1155 N FM 2869	WINNSBORO	TX	75494	5826
1155 N FM 2869	WINNSBORO	TX	75494	5826
14604 GARNER RD	BEAUMONT	TX	77705	7568
PO BOX 5117	BEAUMONT	TX	77726	5117
PO BOX 5117	BEAUMONT	TX	77726	5117
3508 HUNTINGTON CIR	NACOGDOCHES	TX	75965	3035
PO BOX 190	LUFKIN	TX	75902	0190

4411	NECHES	CITY OF LUFKIN	
4475	NECHES-TRINITY	M HALF CIRCLE RANCH COMPANY	C/O WILL WILSON
3263	NECHES	M-R CLUB INC	
5069	NECHES-TRINITY	RUTH L MACKAN / BETTY ANNA GRIFFIN	
4490	NECHES-TRINITY	MARY LOU MADAFFRI	C/O R B MACKAN JR
4254	TRINITY	ERNEST MARIETTA & WIFE	
4843	NECHES	FRANK H MARKEY II TRUST ET AL	
3297	NECHES	E W MARTIN	C/O W ARLAND BROWN
4403	NECHES	MAST CATTLE & TIMBER	C/O JOHN C MAST ET AL
4865	NECHES	MAST CATTLE & TIMBER	C/O JOHN C MAST ET AL
4867	NECHES	MAST CATTLE & TIMBER	C/O JOHN C MAST ET AL
4872	NECHES	MAST CATTLE & TIMBER	C/O JOHN C MAST ET AL
4873	NECHES	MAST CATTLE & TIMBER	C/O JOHN C MAST ET AL
5096	TRINITY	MILDRED MASTERS ET VIR	(BERT MASTERS)
5301	TRINITY	HELEN A MATTHEWS	
4490	NECHES-TRINITY	IONE HEBERT MATTHEWS	
5075	TRINITY	JOHN A MCCALL ET AL	
3302	NECHES	BETTY J MCLAIN	
5069	TRINITY	J G MCLEN	
3301	NECHES	MCPEAK SPRINGLAKE RANCH INC	
4648	SABINE	PHILLIP H MEGASON ET UX	(JANE C MEGASON)
4845	NECHES	MILLER LAKE INC	C/O JOHN D. GLASS, JR
5013	NECHES	MILLER-COHLMIA TRUSTEES	
4370	NECHES	EVALINE MOORE	
4196	NECHES	MOTIVA ENTERPRISES	C/O MARSHALL L MOORE JR
4495	NECHES-TRINITY	MOTIVA ENTERPRISES	
3262	NECHES	LUCILLE G MURCHISON	
5047	TRINITY	LUCILLE G MURCHISON	DBA ANLACO INC
4869	NECHES	ROBERT W MURPHEY	DBA ANLACO INC
4864	NECHES	CITY OF NACOGDOCHES	
4870	NECHES	CITY OF NACOGDOCHES	
5585	NECHES	COUNTY OF NACOGDOCHES	
4487	NECHES-TRINITY	LAURA LOUISE NELSON ET AL	ATTN GEORGE CAMPBELL
4408	NECHES	ALVIN V NEWTON	(ROSS BARTON NELSON III)
4423	NECHES	GWENDOLYN MAURINE NICHOLS	
5486	NECHES	CHARLES A & BETTY V NORMAN	
5829	NECHES	OILTANKING BEAUMONT PARTNERS LP	

PO BOX 190	LUFKIN	TX	75902	0190
2615 CALDER ST STE 550	BEAUMONT	TX	77702	1983
PO BOX 1146	FRANKSTON	TX	75763	1146
PO BOX 61	CHINA	TX	77613	0061
6191 DEER PARK LN	LUMBERTON	TX	77657	9745
5785 STATE HIGHWAY 7 E	CROCKETT	TX	75835	7201
PO BOX 463	HENDERSON	TX	75653	0463
PO BOX 399	GRAPELAND	TX	75844	0399
PO BOX 635025	NACOGDOCHES	TX	75963	5025
PO BOX 635025	NACOGDOCHES	TX	75963	5025
PO BOX 635025	NACOGDOCHES	TX	75963	5025
PO BOX 635025	NACOGDOCHES	TX	75963	5025
PO BOX 635025	NACOGDOCHES	TX	75963	5025
PO BOX 209	POLLOK	TX	75969	0209
1025 AN COUNTY ROAD 2810	TENNESSEE COLONY	TX	75861	2733
6340 HOWE ST	GROVES	TX	77619	5149
1006 E SAN JACINTO AVE	CROCKETT	TX	75835	1324
204 E 4TH ST	RUSK	TX	75785	1308
141 AN COUNTY ROAD 128	ELKHART	TX	75839	3713
RR 5 BOX 432	RUSK	TX	75785	9329
3958 COUNTY ROAD 262 N	HENDERSON	TX	75652	9287
3620 OLD BULLARD RD STE 210	TYLER	TX	75701	8644
2110 BRIARGROVE DR	NACOGDOCHES	TX	75965	3144
383 ROYAL CIR	WHITEHOUSE	TX	75791	5321
PO BOX 712	PORT ARTHUR	TX	77641	0712
PO BOX 712	PORT ARTHUR	TX	77641	0712
RR 3 BOX 3325	PALESTINE	TX	75803	9525
RR 3 BOX 3325	PALESTINE	TX	75803	9525
PO BOX 630854	NACOGDOCHES	TX	75963	0854
PO BOX 635030	NACOGDOCHES	TX	75963	5030
PO BOX 635030	NACOGDOCHES	TX	75963	5030
101 W MAIN ST	NACOGDOCHES	TX	75961	4807
5925 LINE AVE STE 10	SHREVEPORT	LA	71106	2049
RR 1 BOX 328	SAN AUGUSTINE	TX	75972	9716
PO BOX 852	WOODVILLE	TX	75979	0852
1721 MUSTANG TRL	HUMBLE	TX	77339	3277
PO BOX 96290	BEAUMONT	TX	77015	

4479	NECHES-TRINITY	ONYX ENVIRONMENTAL SERVICES LLC	
3272	NECHES	PALESTINE FISHING CLUB	
5309	TRINITY	CITY OF PALESTINE	DIRECTOR OF PUBLIC WORKS
4654	SABINE	PANOLA CO FWSD 1	CHAIRMAN - DONALD LASH
3226	NECHES	RAYMOND D PAYNE FAMILY TRUST	C/O BARBARA SUE HAND PAYNE, TRUSTEE
5213	NECHES	PD GLYCOL A LIMITED PARTNERSHIP	
3294	NECHES	TROY L PENNINGTON	
5094	TRINITY	WADE L PENNINGTON	
5098	TRINITY	WADE L PENNINGTON	
4466	NECHES-TRINITY	LOLITA OWEN PETKOVSEK ET AL	(JUDITH OWEN PLUMMER)
4467	NECHES-TRINITY	LOLITA OWEN PETKOVSEK ET AL	(JUDITH OWEN PLUMMER)
4229	NECHES-TRINITY	PATRICK & MICHAEL PHELAN TRUSTEES	T&NORR CO SECTION 257
4454	NECHES-TRINITY	RUSSELL & IVO PHEND JR	
4627	SABINE	PATRICIA L PHILLIPS	
4856	NECHES	PINE CREST DEVELOPMENT CO	C/O CATHERINE B POWELL
3263	NECHES	PINE HILL LAKE AND GOLF CLUB	
5073	TRINITY	PINE LODGE CLUB INC	
4030	NECHES	DR J T PINKERTON	
5058	TRINITY	GEORGE A PINKERTON & WIFE	
4313	NECHES-TRINITY	BRUCE MANARD PIPKIN	(BENNIE MARIE DEATON)
4313	NECHES-TRINITY	BRUCE MANARD PIPKIN ET AL	
3240	NECHES	PLEASANT RETREAT CLUB LAKE INC	(LINDA S BIGGS)
3227	NECHES	JAMES R POOL ET AL	C/O FELIX COOK JR
4638	SABINE	ALEX POPE JR ET AL	PORT ARTHUR REFINERY
4494	NECHES-TRINITY	PREMCOB REFINING GROUP INC	
5088	TRINITY	PROFESSIONAL INSURANCE CONCEPTS INC	
4430	NECHES	DAVID A PROVOST ESTATE	C/O NORMA M IRWIN IND EXECUTRIX
4429	NECHES	SHIRLEY PRUNTY	
4490	NECHES-TRINITY	HILLARY QUAIDY	
4490	NECHES-TRINITY	THOMAS N QUAIDY	
4447	NECHES-TRINITY	JUDITH FORE RAIFORD ET AL	
4452	NECHES-TRINITY	RAY E RAMSEY ET AL	(RUBY E RAMSEY)
5059	TRINITY	JIMMY W RAY	
4986	TRINITY	RELIANT ENERGY INC	ATTN JASON FLUHARTY WATER RESOURCES
4455	NECHES-TRINITY	CHARLES O RENEAU ET UX	(KAREN BURRELL RENEAU)
4457	NECHES-TRINITY	CHARLES O RENEAU ET UX	(KAREN BURRELL RENEAU)
4458	NECHES-TRINITY	CHARLES O RENEAU ET UX	(KAREN BURRELL RENEAU)

3510 GULF STATES RD	PO BOX 2563	PORT ARTHUR	TX	77643	2563
	PO BOX 266	PALEST.NE	TX	75802	0266
	504 N QUEEN ST	PALESTINE	TX	75801	2733
	PO BOX 331	CARTHAGE	TX	75633	0331
	14752 STATE HIGHWAY 64 W	TYLER	TX	75704	6424
	PO BOX 3785	BEAUMONT	TX	77704	3785
	512 SELKIRK ST	GRAPELAND	TX	75844	2205
	RR 1 BOX 63	GRAPELAND	TX	75844	9706
	RR 1 BOX 63	GRAPELAND	TX	75844	9706
	2803 TANGLEY ST	HOUSTON	TX	77005	2351
	2803 TANGLEY ST	HOUSTON	TX	77005	2351
	PO BOX 1390	BEAUMONT	TX	77704	1390
	PO BOX 398	HAMSHIRE	TX	77622	0398
	1921 YOSEMITE DR	FORT WORTH	TX	76112	3817
	RR 8 BOX 243J	JACKSONVILLE	TX	75766	9808
	405 CHESTER ST	MOUNT PLEASANT	TX	75455	5707
	PO BOX 1721	PALESTINE	TX	75802	1721
	14803 COUNTY ROAD 220	TYLER	TX	75707	4901
	RR 6 BOX 6691	PALESTINE	TX	75803	9373
	PO BOX 272	HAMSHIRE	TX	77622	0272
	PO BOX 272	HAMSHIRE	TX	77622	0272
	10218 QUAIL RUN RD	TYLER	TX	75709	3917
	10122 COVERIDGE DR	DALLAS	TX	75238	1521
	501 SHAWNEE TRL	HENDERSON	TX	75654	4044
	PO BOX 909	PORT ARTHUR	TX	77641	0909
	1801 S GULFWAY DR	HOUSTON	TX	77063	6410
	7922 WESTGLEN DR #100	HOUSTON	TX	75979	9603
	151 FM 1746	WOODVILLE	TX	75979	9603
	1663 SENECA RD	WOODVILLE	TX	75979	9757
	4911 CHEENA DR	HOUSTON	TX	77096	4221
	5043 STILLBROOKE DR	HOUSTON	TX	77035	3150
	15123 GREENLEAF LN	HOUSTON	TX	77062	3630
	PO BOX 263	HAMSHIRE	TX	77622	0263
	PO BOX 475	TENNESSEE COLONY	TX	75861	0475
	12301 KURLAND DR	HOUSTON	TX	77034	4811
	5756 BURRELL LOOP	BEAUMONT	TX	77705	9015
	5756 BURRELL LOOP	BEAUMONT	TX	77705	9015
	5756 BURRELL LOOP	BEAUMONT	TX	77705	9015

4462	NECHES-TRINITY	CHARLES O RENEAU ET UX	(KAREN BURRELL RENEAU)
4841	NECHES	CHARLES H RICHARDSON	
4411	TRINITY	JAMES ROBISON EVANGELISTIC ASSN	
4609	NECHES	RUSK STATE HOSPITAL	AN AGENCY OF TEXAS DEPT OF MHMR
3302	NECHES	CITY OF RUSK	C/O CITY MANAGER
4219	NECHES	CITY OF RUSK	
4490	NECHES-TRINITY	L C RUSSELL	
4490	NECHES-TRINITY	ROSE CATHERINE RUSSELL	
4540	NECHES	RUSSWOOD ACRES LAKE ASSN & WM J COBB	
4447	NECHES-TRINITY	S & S OPERATING CO INC	
4658	SABINE	SABINE RIVER AUTHORITY OF TEXAS	
4662	SABINE	SABINE RIVER AUTHORITY OF TEXAS	
4409	NECHES	CITY OF SAN AUGUSTINE	
4421	NECHES	SAN JACINTO BAPTIST ASSOCIATION	
3285	NECHES	JEANINE MURPHY SAWYER	
4406	NECHES	PAT SCOGGINS	
5676	NECHES	CHARLES W SEEDS, NECHES RIVER RANCH	
4356	NECHES	KENNETH WAYNE SESSIONS ET UX	(JACKLYN A SESSIONS)
4239	TRINITY	SEVEN J STOCK FARM INC	J R PARTEN PRESIDENT
4446	NECHES-TRINITY	RALPH M SHARPE JR TRUSTEE	C/O YVONNE SHARPE
3282	NECHES	ESTATE OF THOMAS H SHARTLE	C/O CHARLES W SHARTLE III IND EXEC
4399	NECHES	SHELBY COUNTY FWSD NO 1	
4461	NECHES-TRINITY	ROBERT L SHELLHAMMER & WIFE	
5175	NECHES	TOMMY B SHULTZ	
4860	NECHES	BOBBIE JEAN THOMAS SIMPSON	
3303	NECHES	GRADY C SINGLETARY	
5091	TRINITY	ARWINE SKIDMORE ESTATE	C/O MRS CORA SKIDMORE IND EXEC
4653	SABINE	W C SMITH CHILDREN TRUST	C/O CRJE INC
4467	NECHES-TRINITY	GEORGE SOCKRIDER	
4451	NECHES-TRINITY	JUNKER SPENCER ESTATE	
4232	TRINITY	SPRING CREEK COUNTRY CLUB	C/O HIBERNIA TRUST
4627	SABINE	TRAVIS E STANLEY ET AL	(RAY DOWDLE)
4484	NECHES-TRINITY	STEINHAGEN BROTHERS	C/O E H STEINHAGEN
4849	NECHES	STEPHEN F AUSTIN UNIVERSITY	DEPARTMENT OF AGRICULTURE
4060	NECHES-TRINITY	ETHEL STEPHENSON	
4390	NECHES	AMANDA HARALSON STOVER TRUSTEE	
4391	NECHES	AMANDA HARALSON STOVER TRUSTEE	

5756 BURRELL LOOP	BEAUMONT	TX	77705	9015
3200 HWY 64 W	HENDERSON	TX	75652	8782
PO BOX 982000	FORT WORTH	TX	76182	8000
PO BOX 318	RUSK	TX	75785	0318
408 N MAIN ST	RUSK	TX	75785	1300
408 N MAIN ST	RUSK	TX	75785	1300
5005 SHELLEY DR	BEAUMONT	TX	77705	4204
5005 SHELLEY DR	BEAUMONT	TX	77705	4204
14094 STATE HIGHWAY 155 S	TYLER	TX	75703	6634
PO BOX 1250	WINNIE	TX	77665	1250
PO BOX 579	ORANGE	TX	77631	0579
PO BOX 579	ORANGE	TX	77631	0579
301 S HARRISON ST	SAN AUGUSTINE	TX	75972	1996
RR 3 BOX 511	LIVINGSTON	TX	77351	9510
PO BOX 5535	BRYAN	TX	77805	5535
4008 S CHESTNUT ST	LUFKIN	TX	75901	6073
RR 4 BOX 400	JACKSONVILLE	TX	75766	9423
RR 8 BOX 274	JACKSONVILLE	TX	75766	9035
16945 NORTHCHASE DR	HOUSTON	TX	77060	2135
2707 WOOD HOLLOW DR	ATLANTA	GA	30360	1243
RR 1 BOX 128	CROCKETT	TX	75835	9777
PO BOX 106	TIMPSON	TX	75975	0106
RR 5 BOX 3166	JASPER	TX	75951	9481
4009 GARRISON PL	PLANO	TX	75023	6418
1051 ALAMEDA DR	JACKSONVILLE	TX	75766	2749
RR 1 BOX 724	ALTO	TX	75925	9791
PO BOX 433	GRAPELAND	TX	75844	0433
1569 STATE HIGHWAY 315	CARTHAGE	TX	75633	3318
1022 APACHE FALLS DR	KATY	TX	77450	3702
PO BOX 3928	BEAUMONT	TX	77704	3928
PO BOX 429	CROCKETT	TX	75835	0429
1225 W MARSHALL AVE	LONGVIEW	TX	75604	5110
PO BOX 20037	BEAUMONT	TX	77720	0037
PO BOX 13000	NACOGDOCHES	TX	75962	0001
25581 ELENA RD	LOS ALTOS HILLS	CA	94022	4594
PO BOX 992	COLMESNEIL	TX	75938	0992
PO BOX 992	COLMESNEIL	TX	75938	0992

STE 1800

HWY 96 N

SFA STATION

4866	NECHES	W B STRIPLING JR	
3270	NECHES	SUPREME BEEF PROCESSORS INC	
3228	NECHES	SWAN CLUB LAKE INC	
5091	NECHES	T E PRODUCTS PIPELINE CO	C/O SALLIE CLARK
4470	NECHES-TRINITY	J H TAYLOR	BEAUMONT MARINE TERMINAL
3305	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4380	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4381	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4384	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4385	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4410	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4413	NECHES	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
4660	SABINE	TEMPLE-INLAND FOREST PRODUCTS CORP	ATTN PATRICK MILLER
5088	TRINITY	TIMOTHY J TEMPLIN	
3259	NECHES	TEX-IRON INC	C/O W O WEST
4382	NECHES	TEXAS A & M UNIVERSITY	AREA FORESTER TEXAS FOREST SERVICE
4425	NECHES	TEXAS A & M UNIVERSITY	
4241	TRINITY	TEXAS DEPT OF CRIMINAL JUSTICE	ENVIRONMENTAL AFFAIRS
5060	TRINITY	TEXAS DEPT OF CRIMINAL JUSTICE	ENVIRONMENTAL AFFAIRS
4414	NECHES	TEXAS FOREST SERVICE	ATTN EHS
3300	NECHES	TEXAS PARKS & WILDLIFE DEPT	MISSION TEJAS STATE HISTORICAL PARK
4412	NECHES	TEXAS PARKS & WILDLIFE DEPT	FISHERIES DIVISION
4493	NECHES-TRINITY	TEXAS PARKS & WILDLIFE DEPT	WILDLIFE DIVISION
5139	TRINITY	TEXAS PARKS & WILDLIFE DEPT	GUS ENGELING WMA
5555	NECHES	TEXAS PARKS & WILDLIFE DEPT	ALAZAN BAYOU WMA
4489	NECHES-TRINITY	TEXAS RICE LAND COMPANY	
3243	NECHES	THIRTEEN CLUB INC	
3250	NECHES	DAVID L THURSTON	
4485	NECHES-TRINITY	MARGARET TODD ESTATE	
4596	NECHES	HARRY R & HAZEL M TOSH	
4433	NECHES	TRINITY INDUSTRIES INC	
3248	NECHES	TRUST NO 12	
4395	NECHES	STEPHEN B TUCKER JR ET AL	
4402	NECHES	STEPHEN B TUCKER JR ET AL	
4639	SABINE	MARGENE TUTHILL ET AL	
4649	SABINE	TXU ELECTRIC CO	MARTIN LAKE STEAM ELECTRIC STATION
5219	SABINE	TXU MINING COMPANY LP	C/O TIMOTHY A O'SHEA

1701 COPELAND ST	LUFKIN	TX	75904	4809
5219 S 2ND AVE	DALLAS	TX	75210	3399
13350 COUNTY ROAD 468	TYLER	TX	75704	2928
6730 INDEPENDENCE BLVD STE 100	BAYTOWN	TX	77521	0200
18220 BIG HILL RD	BEAUMONT	TX	77705	8307
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
303 SOUTH TEMPLE DR	DIBOLL	TX	75941	2419
7922 WESTGLEN DR #100	HOUSTON	TX	77063	6410
108 E FAIRLANE DR	LONGVIEW	TX	75604	1610
RR 5 BOX 3650	LUFKIN	TX	75904	9379
PO BOX 617	ALTO	TX	75925	0617
PO BOX 4011	HUNTSVILLE	TX	77342	4011
PO BOX 4011	HUNTSVILLE	TX	77342	4011
301 TALLOW ST STE 364	COLLEGE STATION	TX	77840	7896
RR 2 BOX 108	GRAPELAND	TX	75844	9524
4200 SMITH SCHOOL RD	AUSTIN	TX	78744	3291
4200 SMITH SCHOOL RD	AUSTIN	TX	78744	3291
4200 SMITH SCHOOL RD	AUSTIN	TX	78744	3291
4200 SMITH SCHOOL RD	AUSTIN	TX	78744	3291
2121 SAGE RD STE 280	HOUSTON	TX	77056	4326
PO BOX 1309	CHANDLER	TX	75758	1309
10080 STATE HIGHWAY 31 E	MURCHISON	TX	75778	
PO BOX 2472	BEAUMONT	TX	77704	2472
RR 6 BOX 422	RUSK	TX	75785	9685
PO BOX 568887	DALLAS	TX	75356	8887
6353 STATE HWY 19 N	ATHENS	TX	75752	4157
4841 SHENANDOAH DR	WICHITA FALLS	TX	76310	2451
4841 SHENANDOAH DR	WICHITA FALLS	TX	76310	2451
8135 GLENCREST ST	HOUSTON	TX	77061	1313
MANAGER ENVIRONMENTAL PERMITTING	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411

ATTN MARTIN K SMITH
ATTN MARTIN K SMITH

JASPER FISH HATCHERY
J D MURPHREE WMA

MANAGER ENVIRONMENTAL PERMITTING
1601 BRYAN ST
1601 BRYAN ST

5492	SABINE	TXU MINING COMPANY LP	C/O TIMOTHY A O'SHEA
5504	SABINE	TXU MINING COMPANY LP	C/O TIMOTHY A O'SHEA
5526	SABINE	TXU MINING COMPANY LP	C/O TIMOTHY A O'SHEA
5747	SABINE	TXU MINING COMPANY LP	C/O TIMOTHY A O'SHEA
5834	SABINE	TXU MINING COMPANY LP	C/O WATER PERMITTING COORDINATOR/ENV SVC
3237	NECHES	CITY OF TYLER	TYLER WATER UTILITIES
4853	NECHES	CITY OF TYLER	TYLER WATER UTILITIES
3306	NECHES	UNITED STATES DEPT OF AGRICULTURE	FOREST SERVICE
4388	NECHES	UNITED STATES DEPT OF AGRICULTURE	FOREST SERVICE
5207	SABINE	UNITED STATES DEPT OF AGRICULTURE	FOREST SERVICE
5669	NECHES	WALTER UMPHREY	
4435	NECHES	UNION OIL OF CALIFORNIA	
4390	NECHES-TRINITY	UNITED STATES DEPT OF ENERGY	BIG HILL / STRATEGIC PETROLEUM RESERVE
4422	NECHES-TRINITY	UNITED STATES DEPT OF INTERIOR	FISH & WILDLIFE SERVICE
3254	NECHES	UPPER NECHES RIVER MWD	
3260	NECHES	V C CATTLE COMPANY INC	
5184	NECHES	V C CATTLE COMPANY INC	
3266	NECHES	ALEEN T WALKER	
3276	NECHES	CLAUDIA KOLB WALKER	
3280	NECHES	GILBERT B WALLACE III	
4663	SABINE	BOYCE N WARD ET UX	(SHARON M WARD)
5093	TRINITY	CHARLES WENDELL WARNER ET AL	
4115	NECHES	FLORENE GOODMAN WEBB ET AL	
3294	NECHES	CARMA WEINMAN ET AL	(EDDIE EDGE)
4857	NECHES	BOBBY J WELLBORN	
4417	NECHES	A A WELLS	
4420	NECHES	NANCY WESTERFELD TRUSTEE	C/O CHARLES N WELLS EXEC
4424	NECHES	JOSIAH WHEAT	
4659	SABINE	WIERGATE LUMBER COMPANY INC	
4453	NECHES-TRINITY	ROBERT E WIGGINS JR	
4459	NECHES-TRINITY	B E WILBER	
4460	NECHES-TRINITY	C C WILBER ET AL	
4468	NECHES-TRINITY	C C WILBER ET AL	
4469	NECHES-TRINITY	C C WILBER ET AL	
4456	NECHES-TRINITY	DOROTHY NELL WILBER ET AL	
4464	NECHES-TRINITY	DOROTHY NELL WILBER ET AL	
4419	NECHES	WILDWOOD PROPERTY OWNERS ASSN	

1601 BRYAN ST	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411
1601 BRYAN ST	DALLAS	TX	75201	3411
PO BOX 2039	TYLER	TX	75710	2039
PO BOX 2039	TYLER	TX	75710	2039
701 N 1ST ST	LUFKIN	TX	75901	3074
701 N 1ST ST	LUFKIN	TX	75901	3074
701 N 1ST ST	LUFKIN	TX	75901	3074
PO BOX 4905	BEAUMONT	TX	77704	4905
PO BOX 237	NEDERLAND	TX	77627	0237
850 S CLEARVIEW PKWY EF20	NEW ORLEANS	LA	70123	3401
PO BOX 609	SABINE PASS	TX	77655	0609
PO BOX 1965	PALESTINE	TX	75802	1965
PO BOX 709	PALESTINE	TX	75802	0709
PO BOX 709	PALESTINE	TX	75802	0709
107 OAK HILL DR	PALESTINE	TX	75803	5537
2928 OAK POINT DR	JACKSONVILLE	TX	75766	8893
2930 AN. CO. RD 174	GRAPELAND	TX	75844	
PO BOX 395	MAURICEVILLE	TX	77626	0395
RR 1 BOX 66	GRAPELAND	TX	75844	9706
PO BOX 237	DUNDEE	FL	33838	0237
1509 OKEEFE RD	JACKSONVILLE	TX	75766	5207
PO BOX 18	GALLATIN	TX	75764	0018
PO BOX 2170	ONALASKA	TX	77360	2170
10819 ELLA LEE LN	HOUSTON	TX	77042	2701
304 WESTMONT DR	LAREDO	TX	78041	2744
PO BOX 67	BOISE	ID	83707	0067
RR 1 BOX 460B	WINNIE	TX	77665	9722
9716 WEBB RD	HAMSHIRE	TX	77622	8472
PO BOX 26	HAMSHIRE	TX	77622	0026
PO BOX 26	HAMSHIRE	TX	77622	0026
PO BOX 26	HAMSHIRE	TX	77622	0026
9767 WEBB RD	HAMSHIRE	TX	77622	8472
9767 WEBB RD	HAMSHIRE	TX	77622	8472
PO BOX 903	VILLAGE MILLS	TX	77663	0903

OAK HILL LMA
WATER ADMINISTRATION
WATER ADMINISTRATION

HIGHWAY 366
C/O DYNMCDERMOTT W BOZZO

C/O HOLLIS GILFILLIAN

5181	NECHES	WILSON LAKE MAINTENANCE ASSN INC
4443	NECHES-TRINITY	JIM R WINGATE
4472	NECHES-TRINITY	JIM R WINGATE
4473	NECHES-TRINITY	JIM R & H E WINGATE
4444	NECHES-TRINITY	PANSY E WINGATE
3275	NECHES	JAMES T & KATHRYN C WOODARD
4595	NECHES	WOODLAND ACRES MAINTENANCE INC
3232	NECHES	DAVID C YOUNG
5063	TRINITY	J R YOUNG
4167	NECHES	YWAM-MERCY SHIPS

WINGATE FARMS

2177 WILSON LAKE EST	LIVINGSTON	TX	77351	9238
17068 BURRELL WINGATE RD	BEAUMONT	TX	77705	8370
17068 BURRELL WINGATE RD	BEAUMONT	TX	77705	8370
17068 BURRELL WINGATE RD	BEAUMONT	TX	77705	8370
20397 BURRELL WINGATE RD	BEAUMONT	TX	77705	8504
RR 3 BOX 322	JACKSONVILLE	TX	75766	9558
RR 4 BOX 1061	CENTER	TX	75935	9142
PO BOX 7788	FORT WORTH	TX	76111	0788
1618 AN COUNTY ROAD 2809	TENN COLONY	TX	75861	2718
PO BOX 2020	LINDALE	TX	75771	2020

Exhibit D

Gary C. Graham, Jr., PE

BACKGROUND

Mr. Graham has been with Schaumburg & Polk, Inc. for 16 years and has experience in civil engineering for all facets of municipal infrastructure and regional planning for water, wastewater, and flood control. As President of the firm his primary responsibility is to help clients identify and implement the best options for achieving their goals.

Mr. Graham's expertise includes planning; project design; preparation of specifications; contract documents, and engineering reports; field testing; and surveying. Mr. Graham has several years experience in the application of computer-assisted modeling for evaluating various types of problems. He has developed several computer programs for specific engineering design problems.

EXPERIENCE

Wastewater Treatment Plant Expansion, Nacogdoches, Texas, for the City of Nacogdoches

Project Manager for Three Clean Water State Revolving Fund (CWSRF) projects to enlarge the city's wastewater treatment plant to 12.88 mgd (10 CBOD/15 TSS/2 NH3/6 DO) and to replace significant portions of the city's wastewater collection system. Currently, he is working on the fourth CWSRF project that will replace 65,000 lf of sewer line and upgrade the wastewater treatment plant. The estimated project cost is \$10.3 million.

Wastewater Master Plan, Nacogdoches, Texas, for the City of Nacogdoches

Project Manager for developing the city's Wastewater Master Plan. Smoke testing and flow monitoring results were used in the development of a computer model that projects future development and system loading for the city's wastewater collection system. The Master Plan was completed in 2002 and recommended current and future wastewater system improvements.

Wastewater Treatment Plant, Groves, Texas, for the City of Groves

Project Manager for construction of a new 5.25- mgd Wastewater Treatment Plant, allowing the abandonment of the city's two trickling filter plants. The project, recommended by the Regional Wastewater Study performed for Groves, Nederland, and Port Neches, included a 6-mgd lift station at one of the former treatment plan locations.



Title

- President

Years of Experience

- 28 Years

Education

- Bachelor of Science in Civil Engineering
Lamar University
Beaumont, Texas
1977

Licenses

- Registered Professional Engineer:
Texas No. 52080

Affiliations

- Texas Society of Professional Engineers
- American Water Works Society
- Board of Directors for the Southeast Texas Regional Police Academy
- Former Groves City Councilman
- Former Trustee on Port Neches-Groves School Board

Gary C. Graham, Jr., PE, *cont.*

Wastewater Treatment Plant Rehabilitation, Nederland, Texas, for the City of Nederland

Principal in Charge for extensive rehabilitation of the city's wastewater treatment plant that doubled the plant's wet weather capacity. The plant's treatment capacity was also improved to comply with a 7 CBOD/15 TSS/2 NH3 permit.

Collection System Improvements, Nederland, Texas, for the City of Nederland

Principal-in-Charge for performance of a 5-year collection system improvement program recommended by the Sewer System Evaluation Survey (SSES). TCEQ enforcement action required the SSES and collection system improvements.

Sewer System Evaluation Survey, Port Neches, Texas, for the City of Port Neches

Project Manager for SSES of collection system consisting of approximately 400,000 lf.

Wastewater Treatment Plant Improvements, Port Neches, Texas, for the City of Port Neches

Project Manager for miscellaneous improvements to the city's wastewater treatment plant performed including installation of a new step-screen for the headworks, solving a chronic effluent pump station performance problem, and the plant's conversion to aerobic digestors.

Capital Improvements Program, Port Neches, Texas, for the City of Port Neches

Project Manager for ongoing Capital Improvement Program comprised of approximately \$12 million in public works improvements.

Water and Wastewater System Improvements, Jasper, Texas, for the City of Jasper

Project Manager for ongoing water and wastewater system improvement projects including conversion of the city's RBC wastewater treatment to activated sludge, increasing its capacity from 1.8-mgd to 3.25-mgd, a new well and elevated water tank to serve the state jail, and a new elevated water tank to replace a 75-year-old tank at the public works yard.

Regional Flood Control Study, Nacogdoches, Texas, for the City of Nacogdoches

Role for preparation of a Regional Flood Control Study for 50 square miles in and around Nacogdoches resulting in recommended improvements totaling more than \$20 million. This study modeled every stream crossing in the study area for various design storms for both present and future conditions.

East Texas Regional Water Planning

Project Manager for complete results stemming from Senate Bill 1 currently include the completed 2001 East Texas Regional Water Plan and the development of the 2006 East Texas Regional Water Plan. Development of the 2006 Plan is currently underway.

Regional Wastewater Study, Groves, Texas, Nederland, Texas, Port Neches, Texas, for the Cities of Groves, Nederland & Port Neches

Role for preparation of a Texas Water Development Board funded Regional Wastewater Study covering three Mid-County cities. The study considered both joint and individual alternatives for wastewater treatment. Recommended improvements totaled more than \$25 million and were constructed by all three cities.

Regional Water Study, Jefferson and Hardin County, Texas, for the Lower Neches Valley Authority (LNVA)

Role for preparation of a Texas Water Development Board funded Regional Water Study covering Jefferson County and portions of Hardin County. The study considered current and future water use, water demands, and populations. Water uses considered included potable, industrial, and agricultural. Increased future agricultural water use projections significantly through submission and approval of the use of local data regarding agricultural water uses.

Gary C. Graham, Jr., PE, *cont.*

Body Aircraft Maintenance Facility, Nederland, Texas, for Jefferson County Airport

Role for preparation of plans and specifications for a wide body aircraft maintenance facility with recommended improvements totaling \$17 million. Direct responsibility for design of the paving and drainage of the aircraft apron, the hangar, and the hangar floor.

Runway Improvements, Nederland, Texas, for Jefferson County Airport

Role for preparation of plans and specifications for 16/34 runway improvements with the goal to raise the runway rating to meet FAA standards for 90,000-lb wheel-loading, over-all, 190,000-lb wheel-loading in safety area of runway 12/30.

Drainage Design, Port Arthur, Texas, for the City of Port Arthur

Role for performance of initial drainage design for Highway 82 from West Seventh Street to Gulfway Drive.

Drainage Plan, Beaumont, Texas, for the City of Beaumont

Role for preparation of Drainage Plan for Prince Street area, a 1400+ - acre area near

Drainage Plan, Beaumont, Texas, for the City of Beaumont

Role for preparation of drainage plan for high school ditch area of Beaumont, a 600+ -acre area, with recommended improvements totaling \$10.5 million.

Paving and Drainage Improvements, Beaumont, Texas, for the City of Beaumont

Project Manager for design of paving and drainage improvements for Concord Road from IH-10 to the Railroad.

Ricky J. Bourque, P.E.

BACKGROUND

Mr. Bourque is a Registered Professional Engineer in the State of Texas and a graduate of Texas A&M University.

Mr. Bourque has 29 years experience in planning, design, construction administration, and quality assurance testing of civil engineering projects. Areas of experience include water treatment and distribution, wastewater treatment and collection, land development, ports, airports and landfills.

EXPERIENCE

Lower Neches Valley Authority West Regional Water System

New 5.0 MGD surface water treatment plant and 35 miles of 20-inch water transmission/distribution line. Facility was designed for wide fluctuation in seasonal flows for a recreational area.

City of Nederland

Modification and addition to existing plant to increase to 5.25 MGD single stage nitrification plant with a peak flow of 26 MGD. The improvements required phasing to maintain operation of existing treatment units while constructing new facilities and incorporating existing structures into the treatment process. An additional challenge included working around the numerous existing underground utilities.

City of Groves

New 5.22 MGD single stage nitrification plant with a peak flow of 25 MGD.

City of Port Neches

Inspection and rehabilitation of anaerobic digesters.



Digester Blowers

City of Nederland

New 26 MGD plant lift station. Lift station has a diameter of 30 feet and includes six submersible pumps and mechanical bar screen.



Title

- Project Engineer

Years of Experience

- 29 Years

Education

- Bachelor of Science in Civil Engineering
Texas A&M University
College Station, Texas
1977

Licenses

- Registered Professional Engineer in the State of Texas

Affiliations

- American Society of Civil Engineers: serving in various local and State offices

Awards

- 2006 Engineer of the Year – Sabine Chapter TSPE

Ricky J. Bourque, P.E.

City of Nederland

Five year rehabilitation program to wastewater collection system. Approximately 40,000 lineal feet of line was constructed and included a new lift station and force main to divert flows.

City of Groves

Two new submersible lift stations (26 MGD peak flows) and 24,000 feet of large diameter force mains (18" and 24"). Odor control system was constructed at one lift station.



Arial Photograph of Groves WWTP

City of Port Arthur EPA Construction Grants Program

Role: A joint venture, which provided engineering services on a \$50 million improvement program for the wastewater system. Responsible for coordination of budgets, grant amendments, design standards, meetings with Owner and Regulatory Agency, and for the design of two major trunk sewers with an estimated cost of \$7 million.

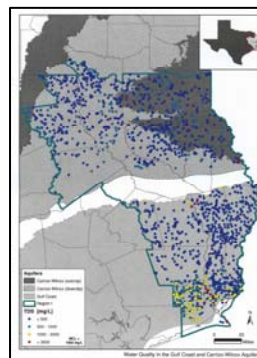
City of Nederland

Role: Sanitary Sewer Evaluation Survey for a 430,000 linear foot system. Evaluation included physical inspection, smoke testing, flow measurements, and hydraulic modeling. Reviewed and summarized information to prepare a schedule for rehabilitation.

East Texas Regional Water Plan

Role: Involved in the first and second East Texas Regional Water Plan in the areas of the report that

identified water resources, developed management strategies and recommended legislative changes to the process. Played an instrumental role in the coordination of information from the other team consultants, organization of the public hearing presentations, responses to public comments, and in the organization and assembly of the final plan.



Graphic from 2006 East Texas Regional Water Plan

Lower Neches Valley Authority

Role: Completed Regional Water Study which addressed projected water demands and reviewed water supply and alternatives to provide water surface supply and treatment to communities which currently use groundwater.

Park Central Municipal Utility District

Role: Provided design and construction administration engineering services on assigned sections of the development.

Temple-Inland

Role: Management of quality assurance service during construction of paper machine expansion project.

Browning-Ferris, Inc.

Role: Management of quality assurance services for certification of 15 acre landfill.

Ricky J. Bourque, P.E.

Orange County Airport

Role: Construction Administration and quality assurance testing for improvements to extension of taxiway and runway.



**Aerial Photograph
Orange County Airport**

Port of Beaumont

Role: Planning, design and construction administration services for 50,000 square foot transit shed and various maintenance projects.

Port of Port Arthur

Role: Design and construction administration services for maintenance projects including fender systems, shore protection and railway.

Vista

Role: Review of design and manufacturing standards for incinerator constructed to foreign standards. Assembled and submitted package for approval by U.S. Coast Guard for use on vessels

Simone Kiel, P.E.



Years Experience: 20

Education:

B.S., Civil Engineering - Rice University, 1980

M.S., Environmental Engineering - Rice University, 1987

Registration: Professional Engineer Texas, # 93615

Ms. Kiel has varied experience in the water resources and civil engineering fields. Her water resource experience includes water management planning, reservoir operation studies, and groundwater and surface water availability evaluations. Ms. Kiel has worked with Senate Bill One Regional Water Planning since its inception, and has worked with consultant teams in seven planning group regions. Ms. Kiel's environmental experience ranges from preparing and implementing remedial investigations to the development of feasibility studies and remedial action plans. She has worked on a variety of projects throughout the continental United States.

- **Senate Bill One Regional Water Supply Plan, Region B** - *Biggs and Mathews, Inc.* - Project manager for Senate Bill One Regional Water Supply Plan for Region B in north Texas. Project included development of water supply estimates for reservoirs and aquifers within the 10-county region, identification of water supply needs and local issues, and the development of water management strategies.
- **Senate Bill One Water Supply Plan, Region F** - *Texas Water Development Board* - Project Manager for the third round of Senate Bill One regional water planning. Project member for the 2001 Water Supply Plan for Region F, a 32-county region in west Texas. Responsibilities included evaluations of water supplies, development of conceptual plans and associated costs for strategies to meet regional demands, and development of final plan.
- **Senate Bill One Water Supply Plan, Region A** - *Texas Water Development Board* - Project member for the Senate Bill One Water Supply Plan for Region A, located in the panhandle of Texas. Responsibilities included evaluations of current water supplies, development of conceptual plans and associated costs for strategies to meet regional demands, and assisted in the development of the final plan.
- **Lower Bois d'Arc Creek Reservoir Phase II** - *North Texas Municipal Water District*. – Assistant Project Manager for studies related to preparing a water rights application and 404 permit application for the development of the proposed Lower Bois d'Arc Creek reservoir in Fannin County. Activities include coordination and management of a team of engineers and scientists, client interface and review of documents developed in support of the permit applications.
- **Water and Wastewater Plan** - *City of Vernon, Texas* - Worked together with other team members to develop a comprehensive water and wastewater plan for the City that included an evaluation of the City's current water supply, water distribution system and wastewater system. It included the development of a capital improvement plan to meet the City's needs over a 50-year period for water supply and 20 years for distribution.



- **Texas Water Allocation Assessment Project** - *U.S. Army Corps of Engineers, Fort Worth District* - Lead project engineer for the Texas Water Allocation Assessment project. This project includes review of the reports from the 16 Regional Water Planning Groups in Texas and interviews of 95 identified stakeholders to determine if a Federal interest in multipurpose planning initiatives might prove beneficial to meet long-term watershed and related water supply goals.
- **Watershed Management Plan** - *Sabine River Authority* - Development of a comprehensive watershed management plan for the Sabine Basin for the Sabine River Authority. Conducted analyses of potential new water supply projects and prepared detailed cost estimates.
- **Water Supply Studies** - *City of Greenville, Texas* - Evaluated different water supply and system enhancement strategies for the City of Greenville. Included reservoir operation studies with off-channel diversions and cost evaluations.
- **West Central Brazos Planning Study** – *Brazos River Authority* - Project manager for the West Central Brazos River Basin Regional Water Treatment and Distribution Facility Plan. This study evaluated the water supply needs in an 18-county region in the West Central Brazos River Basin. It provided a plan to transfer water efficiently to entities with needs using existing facilities, modified facilities, and/or new facilities. The study produced a long-term water supply plan for the region as well as an emergency action plan that could be implemented during extreme drought.
- **Identification and Evaluation of Financing Programs for Brush Control in Texas** - *Upper Colorado River Authority* – Project manager for the evaluation of financing programs that may be applicable for continuation of the State Brush Control Program. This project included identification of local, state and federal financing programs, including recent legislation that could potentially be used for implementation or maintenance of brush control.

A. Andres Salazar, P.E., Ph.D.



Years Experience: 4

Education:

B.S., Civil Engineering - Universidad de los Andes, 1994

M.S., Civil Engineering - Universidad de los Andes, 1995

Ph.D., Civil Engineering - Texas A&M University, 2002

Registration: Professional Engineer Texas, # 95010

Dr. Salazar serves as modeler for water availability analysis, water rights applications, reservoir system operations, river basin management, and water quality modeling. He actively participated in the development of the 2006 Regional Water Plans in Texas. He has developed research in hydrologic modeling and conditional probability analyses. He has experience with computer modeling programs for river basin management, including such programs as the Water Rights Analysis Package, the TCEQ Water Availability Models, and RiverWare, and has developed computer models for water resources applications.

- **Regions F/K Subordination Analysis – SB2 Regional Water Plan** – Analyzed the water available to and impacts on existing water rights as a result of a potential subordination agreement between senior water rights in the Lower Colorado Basin (Region K) and 17 reservoirs in the Upper Basin (Region F). Created an accounting method for the transferring of water among water rights. Modeling was developed using the Water Availability Modeling of the Colorado Basin and included the evaluation of naturalized flows for the drought period 1998-2004.
- **Region C 2006 Regional Water Plan – SB2 Regional Water Plan** – Calculated surface water supplies for Region C using the Water Availability Models of the Trinity, Sabine, Red, and Sulphur River Basins. Adjusted the models to reflect conditions expected during the planning horizon to include sedimentation rates and proposed reservoir operating policies. Evaluated availability for proposed reservoirs including environmental flows restrictions.
- **Region I 2006 Regional Water Plan – SB2 Regional Water Plan** – Evaluated surface water availability for Region I (East Texas) using the Water Availability Model of the Sabine and Neches River Basins. Developed detailed evaluation for Lake Columbia and Toledo Bend Reservoir. Coordinated with TCEQ and the Angelina-Neches River Authority the modeling of a subordination of Sam Rayburn Reservoir to Lake Columbia. Analyzed hydropower operations of Toledo Bend Reservoir and its impact on water supplies. Analyzed several operation options for Sam Rayburn-Stainhagen system to meet hydropower and water supplies in the lower Neches Basin. Evaluated impact on streamflows due to implementation of the proposed plan.
- **2006 Panhandle Regional Water Plan – SB2 Regional Water Plan** – Evaluated surface water availability for Region A (Texas Panhandle) using the Water Availability Model of the Canadian and Red River Basins. Extended the hydrology of the model of the Canadian Basin to include the recent drought. Developed a channel loss study in the Canadian River. Developed a conditional reliability assessment for Lake Meredith and Lake Palo Duro.

- **2006 Far West Texas Regional Water Plan – SB2 Regional Water Plan** – Served as a project manager since February 2002. Evaluated water supplies using the Rio Grande Water Availability Model. Developed and compared six potential water management strategies that would meet the required water needs for the County of El Paso. Evaluation of strategies included projection of water supply and demand, conjunctive use, environmental impacts, socioeconomic impacts, water quality, and costs.
- **Drought Modeling** – *North Texas Municipal Water District* - Developed a computer model to evaluate the reliability of the District's reservoir system under drought conditions. Model included operation of Lakes Lavon, Texoma, and Chapman; two large pipelines; additional water from the East Fork reuse project and Lake Tawakoni or other sources; and drought contingency planning.
- **Reuse Permit Application** – *North Texas Municipal Water District* – Assisted the District on the technical evaluation of water availability for the reuse project on the East Fork of the Trinity River.
- **BRA Reservoir System Permit Application** – *Brazos River Authority* - Developed a model of the Authority's reservoir system using the TCEQ's Water Availability Model of the Brazos Basin. Evaluated additional yield available as a result of system operation, basin-wide impacts on existing water right diversions, and impacts on streamflows under multiple scenarios of priority calls, environmental flow restrictions, and system operation rules.
- **West Central Brazos Water Treatment** - *Brazos River Authority* - Developed a model to calculate the likely storage levels in the next 24 months given conditions of storage as of January 2003.
- **System Operation Assessment of Wright Patman and Jim Chapman Lakes** - *U.S. Army Corps of Engineers* - Developed a model to assess the performance of Jim Chapman and Wright Patman Lakes when operated as a reservoir system. Evaluated alternatives for the operation of a potential pump station and pipeline from Wright Patman Lake to Jim Chapman Lake.
- **Evaluation of Cypress Basin Availability** - *North Texas Municipal Water District* - Reviewed the Water Availability Model of the Cypress Basin. Developed corrections to the naturalized flows of the Cypress Basin. Estimated the firm yield for Lake O' the Pines for different capacities.
- **Water Supply System Operations Study** - *North Texas Municipal Water District* - Developed a computer model for the system operation of Lavon, Ray Hubbard, Texoma, and Chapman Reservoirs to determine firm yield of several operational policies. Conducted a hydrology study to estimate historical inflows in Lavon and Ray Hubbard Lakes. Calibrated and operated the system operation model to determine the feasibility of different system operation rules for water supply to the North Texas Municipal Water District.

EDUCATION

*University of Texas, Ph.D.
Analytical Chemistry, 1969*

*Texas State University,
B.S. Chemistry, 1962*

PROFESSIONAL HISTORY

*Alan Plummer Associates,
Inc., 1988 - Present
Principal*

*CH2M Hill, Inc., 1986 -
1988
Area Manager*

*Glass Environmental
Consultants, Inc., 1979 -
1986
Principal*

*Texas Department of Water
Resources (Texas Natural
Resource Conservation
Commission), 1973 - 1979
Assistant Division
Director*

*URS/Forest & Cotton, 1968
- 1973
Laboratory Manager
Project Manager*

AFFILIATIONS

*Texas Water Conservation
Association – Past
President*

*Water Environment
Federation*

*Water Environment
Association of Texas –
Past Treasurer and
Conference Program
Committee Chairman*

*American Water Works
Association*

*Society of Environmental
Toxicology and Chemistry*

PEGGY W. GLASS, Ph.D.

Dr. Glass, a principal with Alan Plummer Associates, Inc., and Austin office manager, has more than 30 years of professional experience. Dr. Glass' experience includes the range of technical and regulatory areas necessary to effectively address complex environmental issues. She has participated in projects involving water supply, evaluations of environmental resources, wastewater management, and impact assessments. She has evaluated and provided assistance with technical, regulatory, and financial requirements for a wide variety of projects.

Dr. Glass' experience in the following areas enables her to effectively address complex environmental issues:

- Permitting and regulatory policies, requirements, and procedures at the local, state, and federal levels.
- Water quality management, including quality criteria and standards, stream studies and modeling, nonpoint source evaluations, and nonpoint source controls.
- Environmental assessments.
- Public information and involvement programs.

Water Resources

Dr. Glass has worked on projects addressing a range of water resource issues, including the following:

- She was on a special consultant team working for the Edwards Underground Water District that developed a Drought Management Plan for the Edwards Aquifer.
- She was retained by the Texas Water Conservation Association, in cooperation with the Texas Water Development Board, to conduct interviews with representatives of groups with an interest in the recommendations of the Texas Water Plan. Input was solicited from these groups on key water planning issues. The results of the interviews were compiled and provided to the Texas Water Development Board for their use in developing the plan.
- Dr. Glass was an active participant in the first and second rounds of regional water planning activities conducted pursuant to Texas Senate Bill 1. She has performed various study tasks for planning activities in five of the sixteen planning areas. She also served as a member of the Environmental Stakeholder Group that provided recommendations for the policy chapter of the State Water Plan developed in 2001. Specific tasks performed or directed by Dr. Glass included the development

of drought and conservation plans for water suppliers, evaluation of waterbodies proposed for designation as Unique Stream Segments, inventory of water quality problems impacting water supplies, evaluations of water supply alternatives, identification of reuse opportunities, evaluation of ecological water demands, and public participation.

Water Supply

Dr. Glass' experience with water treatment processes includes laboratory experience in conducting jar tests to identify design parameters. As a Laboratory Manager, she directed softening/clarification studies for the North Texas Municipal Water District plant at Wylie, Texas, and the City of Port Lavaca, Texas, water treatment plant. She also has reviewed alternatives for fluoride removal and the pretreatment requirements associated with membrane treatment systems.

She participated in the project to select a raw water intake location on the Guadalupe River for a new surface water treatment plant for the City of San Marcos, Texas. One of the factors assessed when evaluating the various locations was the quality of the water at the various locations with respect to Safe Drinking Water Act (SDWA) parameters including Total Organic Carbon, Trihalomethane (THM) formation potential and haloacetic acid (HAA) formation potential. A sampling program was designed and implemented to collect data as part of the project, and previously collected data were also used.

She has participated in assessments of alternative water supply options. These projects have included the evaluation of supply options for mobile home communities near the Dallas-Fort Worth metroplex and south of Odessa, Texas.

Environmental Evaluations

Dr. Glass has directed a number of environmental assessments. Projects assessed have included a road-widening project, a proposed residential development, a proposal to convert the M-K-T Railroad from Fort Worth to Houston from diesel power to

electric power, the City of Austin Water Treatment Plant Number 4, several sewage treatment plants, a sewerage system rehabilitation project, water quality management plans, and pipeline projects for both water lines and sewer lines.

She was an active participant in the 1986 City of Austin Water Treatment Plant No. 4 project. Her responsibilities for this project included participation in the site selection process, preparation of environmental assessments, and permitting for all phases of the project, as well as the public information program. This project, located in the environmentally sensitive area west of Austin, included the following components: an intake in Lake Travis, over two miles of raw water tunnel, a treatment plant with 60 million gallons per day (MGD) initial capacity located on a previously undeveloped 240-acre site, 14 miles of transmission mains, an eight-mile sludge transfer line, and a sludge disposal site. The project requires over 80 regulatory and environmental submittals to local, state, and federal agencies. The environmental assessment of the treatment plant site included an inventory of the existing ecological, hydrological, and cultural resources. Potential impacts of construction of the proposed facilities were evaluated, and mitigative strategies were recommended as appropriate.

Wastewater Reuse

Dr. Glass has participated in a number of effluent reuse projects. These projects have included the reuse of treated wastewaters for a wide variety of purposes:

- Irrigation of golf courses, parklands, and a university campus
- Agricultural reuse, and
- Industrial reuse

She has also participated in a study that investigated the feasibility and potential regulatory requirements for a dual water system for a portion of the City of Odessa, Texas.

Water Quality Criteria

While employed by the Texas Department of Water Resources (now TCEQ), she directed the water quality standards program for Texas. More recently, she has served as special consultant to the Texas

Municipal League (TML) and Texas Association of Clean Water Agencies (TACWA) and assisted them in evaluating and commenting on proposed Texas Surface Water Quality Standards. She has also represented the Texas Water Conservation Association (TWCA) on TCEQ stakeholder groups when water quality standards were being revised. She currently serves on the TCEQ Nutrient Criteria Workgroup and is the chair of the TWCA Nutrient Criteria Committee.

Water Quality Management

Dr. Glass has extensive experience with water quality management programs. She has been involved in the following aspects of these projects:

- Design and implementation of sampling studies for routine monitoring, as well as special investigations, and studies during normal flow conditions, as well as stormwater runoff sampling.
- Development and evaluation of mathematical water quality models using the Streeter-Phelps equation, the TCEQ Simplified Streeter-Phelps model, and QUAL-TX.
- Development of management programs for point sources.
- Development of plans to control the quality of stormwater runoff.
- Development of water quality criteria
- Assessments of nonpoint sources - She has been involved in nonpoint source projects since 1976. While she was Chief of Water Quality Management and Planning for the Texas Department of Water Resources, she directed the first statewide evaluation of the presence and impacts of nonpoint source pollutants in Texas.

Constructed Wetlands

Dr. Glass has experience with the application and evaluation of a constructed wetlands system for wastewater treatment.

- In 1984, she proposed the use of a submerged-flow constructed wetlands to provide polishing and increased reliability at a domestic wastewater treatment plant. The system was constructed in 1985. This was one of the first applications of the technology at a nonexperimental plant in the United States. The treatment plant and wetlands unit operated continuously and effectively for over 10 years.
- She was a member of the Advisory Committee that assisted the TCEQ in developing design criteria for constructed wetlands systems.
- She has assisted with permits for constructed wetland wastewater treatment systems for the City of Beaumont and Jefferson County Water Control and Improvement District Number 10.

Financial Studies

Dr. Glass has prepared financial assessment reports for bond applications and developed user charge systems for wastewater utilities. Assistance in developing wastewater rates and user charge systems has been provided to a number of cities including Desoto, Lancaster, Cedar Hill, Ferris, New Braunfels, Onalaska, and Lockhart.



EDUCATION

*University of Texas at Austin,
B. S. Civil Engineering, 1975*

*University of Texas at
Arlington,
M. S. Civil Engineering, 1984*

REGISTRATION

*Professional Engineer:
Texas No. 48237*

PROFESSIONAL HISTORY

*Alan Plummer Associates,
Inc., 1998 – Present
Sr. Project Manager*

*EMCON, Inc., 1984 – 1998
Project Manager*

*Texas Department of Health,
1976 – 1984
Regional solid waste and
water system evaluator*

REX H. HUNT, P.E.

Mr. Hunt is a senior project manager with Alan Plummer Associates, Inc. (APAI). He offers a wide range of engineering experience, gained in over 30 years as a civil engineer. Mr. Hunt's career has included environmental and civil engineering projects in water resources, municipal wastewater, industrial wastewater, and municipal solid waste management. He has also completed numerous assignments relating to environmental site assessments and environmental investigations. In particular, Mr. Hunt has focused on issues related to regional water planning, development and assessment of water supply management strategies, drought planning and management, water reuse, and water-quality modeling.

As an APAI project manager for two rounds of regional water planning (Senate Bill 1) projects, Mr. Hunt was responsible for assessing the adequacy of existing water supplies, determining the potential impact of new water quality regulations on regional water planning, assisting communities with the development of drought management plans, assessing regional agricultural water use practices, developing potential water management strategies, and assessing the impact of water management strategies on the environment. He developed a conceptual design for a sub-regional water system to improve the availability of water for the area and enable the area to comply with new water quality regulations. He also helped develop an innovative procedure for evaluating multiple regional water management strategies for adequacy of supply, environmental impacts, impacts on agricultural resources, water resources, and natural resources, regulatory acceptability, and cost.

Mr. Hunt has also managed APAI's water and wastewater projects for power suppliers. In these projects, Mr. Hunt has worked closely with the clients to develop water supply strategies, plan for the management of wastewater, obtain required wastewater permits, and assess the environmental conditions of proposed project sites. These projects have required close coordination with environmental regulators to maintain the typically tight schedules for power plant development projects.

More detailed descriptions of selected typical projects for which Mr. Hunt has been responsible include the following.

Water Resources

- **Regional Water Plan – Region F** APAI's role in this project included several specific tasks in this 19-county west Texas planning region. APAI evaluated the current state of agricultural irrigation in the region and projected irrigation water use for the planning period. This resulted in a substantial modification of the State's previous projection of irrigation demand. APAI also developed a water management strategy for municipal water use for an area currently served principally by ground water. The primary aquifer in the area is naturally high in radioactive isotopes, and may

become unusable as a sole source due to regulatory prohibitions. A strategy was developed to link the individual public water systems and bring various combinations of treated surface water and new ground water supplies to the area. APAI also evaluated numerous regional strategies for suitability with a number of environmental, regulatory, and technical criteria

- **Regional Water Plan – Region B** APAI had several tasks in its role as a team member for this Senate Bill 1 project. In the first round, APAI was responsible for preparing a summary of existing planning efforts in the region, assisting with development of drought management plans for over 50 communities in the region, and development of the region's response to the State's program for unique stream segments and reservoir sites. In addition, APAI assisted with developing strategies for municipal water management and preparing general recommendations for selecting water management strategies for inclusion in the plan. In the second round of planning, Mr. Hunt was responsible for preparing an environmental study of an irrigation canal for the area to determine how to better conserve water delivered for irrigation.
- **Regional Water Planning – Region I** Mr. Hunt managed APAI's efforts in the second round of regional water planning. In this project, APAI was responsible for developing water management strategies for water supply needs in six counties in the Region. APAI also evaluated environmental impacts of water management strategies for the region and prepared documentation to demonstrate compliance with water planning criteria.

Water Supply

Mr. Hunt has managed preliminary engineering studies for water supply projects. The projects evaluated options for treatment and conveyance of raw water to be used to supplement or replace existing potable water supplies. Representative projects include the following:

- **City of Blanco Water Supply.** This project involved the evaluation of a regional water supply line from Canyon Lake to the City of Blanco. The supply line would provide drinking water from an existing water treatment plant. Alternatives for providing treated water to meet the entire demand for the City versus supplementing the existing supply were evaluated. In addition, the project compared construction of a water supply line for the City only against increasing the line size to accommodate future development along the 10-mile highway corridor. The project included development of preliminary opinions of cost for the various alternatives evaluated.
- **City of Johnson City Water Supply.** This project involved a preliminary evaluation of constructing a water supply line from Lake Marble Falls to Johnson City to supplement the existing water supply. Alternatives of constructing a water line for the City only versus increasing the line size to accommodate future development were evaluated. The project included the development of preliminary opinions of cost for the two alternatives evaluated.

Wastewater Permitting

Mr. Hunt has prepared numerous applications for wastewater permit renewals and amendments. Often these projects require water quality modeling to determine the effect of the wastewater discharge on the receiving waterbody. Mr. Hunt has worked closely with the TCEQ, EPA, and other regulators to assist the client in obtaining permits that are protective of the environment but not overly stringent to meet. Representative projects include the following:

- **San Jacinto River Authority.** He has assisted San Jacinto River Authority (SJRA) with water quality modeling for a permit amendment. Later, APAI prepared an application for renewal of the permit. Additional modeling for the renewal demonstrated that more stringent permit limits would not be necessary to achieve stream standards. Mr. Hunt has also assisted SJRA at another wastewater treatment plant in evaluation of whole effluent toxicity (WET) monitoring results and negotiation with the TCEQ and EPA regarding WET limits in the permit.
 - **City of Dumas.** Mr. Hunt evaluated regulatory issues associated with discharging treated effluent from the City of Dumas WWTP. He is also managing the project to obtain a permit to discharge the effluent. This required evaluation of potential outfall locations and water quality modeling.
 - **Power Generating Station Project in Southeast Texas.** This was a fast-track project that required the evaluation of a discharge permit that had recently been granted for the power plant, but with conditions and limitations that would have prevented the plant from operating as designed. It required the field assessment of various alternatives for new discharge locations, assessment of the capacity of the various potential receiving waters to accept the plant's effluent, and recommendations for a new discharge location. In addition, APAI prepared the permit application to amend the discharge permit and worked closely with the Texas Commission on Environmental Quality to obtain the amended permit in record time. APAI also prepared the preliminary engineering plans for the discharge pipeline and outfall structure. APAI also performed the necessary field assessments for wetland jurisdictional determination obtained the 404 permit required for the project.
 - **Power Plant Project in North Texas.** This project has involved working closely with the client and with local, state, and federal regulatory staff to develop a plan to use treated wastewater effluent to meet the plant's substantial need for water in the power plant. This innovative project also called for two alternatives for disposal of the plant's wastewater (primarily cooling tower blowdown). One alternative involved the return of the blowdown to the wastewater treatment plant from which the reclaimed water was sent. The other alternative involved the discharge of the blowdown to a receiving stream. Industrial pretreatment permits were required for the project, as was a discharge permit from the state. The project required the development of several mathematical models for the purpose of predicting the impact of the blowdown on the wastewater treatment plant and on the receiving stream.
 - **Power Plant Project in East Texas.** This ongoing project has involved assisting the client to develop a comprehensive environmental permitting schedule, water supply evaluation, wastewater discharge permitting, assessment of alternatives for routing of water supply and wastewater discharge pipelines, environmental assessment of the project site and easements, and 404 permitting for the site and proposed easements. APAI is also coordinating a water quality study of the nearby river that will serve as both the raw water supply and the receiving stream for the wastewater discharge. The project has required extensive modeling to determine potential impacts of the discharge on the receiving water.
- APAI also prepared the conceptual design for the cooling water intake system. Water will be withdrawn via an infiltration gallery constructed in the bed of the source water (a river). Due to new rules for cooling water intakes, APAI has had to evaluate the design to determine likely impingement or entrainment impacts on aquatic species in the source water.

Water Quality Criteria and Evaluation

Mr. Hunt directed the evaluation of a report prepared by the U.S. Fish and Wildlife Service regarding water quality criteria and endangered species. The evaluation was conducted at the request of a municipal client that could be impacted by the changes to water quality criteria suggested by the report. Impacts could range from requiring increased regulations on industrial dischargers to the client's WWTP, to a requirement to move the discharge downstream several miles, or out of the watershed altogether. Recommendations from the report that would likely cause the most significant impacts were reviewed and evaluated for potential impacts. Where appropriate, alternatives were suggested as part of the evaluation.

Primarily through work with power plant projects, Mr. Hunt has also performed numerous evaluations of impacts of elevated dissolved salts on wastewater treatment plants and receiving waterbodies for effluent discharges. He has prepared mass balance modeling scenarios to determine at what level of loading dissolved salts would impact water quality criteria and has worked closely with regulators to develop innovative ways to minimize impacts and reduce regulatory requirements regarding dissolved salts.

James A. Beach

James Beach is a Professional Geoscientist with over 16 years experience in ground-water and surface-water hydrology, water resources, environmental assessments, numerical flow and solute transport modeling, quantitative contamination evaluations, and litigation support. He specializes in application of numerical models to evaluate water resources as well as contaminant flow and contaminant transport in the subsurface. Mr. Beach has experience in field hydrology and hydrogeology and application of quantitative hydrology in the water resources arena. This includes evaluation of ground-water availability and quality in many different aquifer systems, evaluation of current and projected water supply and demand, identification of critical ground-water areas, ground-water/surface water interaction, hydrologic modeling, development of water-management strategies, development of water-supply plans, public interaction, and report preparation.

Mr. Beach has consulted for commercial, industrial and government clients to meet regulatory mandates as well as assisting regulatory agencies in technical issues of evaluating compliance at permitted facilities. He has experience in the application of saturated and unsaturated flow and transport models, GIS applications and mapping, visualization and animation, database development and management, statistical, geostatistical, and stochastic analysis, technology transfer, and regulatory/public interaction.

Mr. Beach has extensive experience characterizing, evaluating, and modeling flow and contaminant transport in unsaturated and saturated zones. He has used quantitative models to evaluate ground-water/surface-water interaction, long-term ground-water availability, recharge, well field impacts, surface-water flow/transport, deep-well injection, natural and enhanced bioremediation, landfill covers, slurry/sheet pile walls, and injection/recovery systems. He has worked at sites with contamination from free and dissolved phases of light and dense nonaqueous organic liquids, radionuclides, inorganic species and metals.

Education:	B.S. in Hydrology, 1987 from Tarleton State University, Stephenville, Texas; M.S. in Hydrology, 1989, from New Mexico Institute of Mining and Technology, Socorro, New Mexico.
Registration:	Certified Ground Water Professional, #118904, National Ground Water Association Professional Geoscientist #2965, State of Texas
Technical Societies:	American Geophysical Union Association of Ground-Water Scientists and Engineers (National Ground Water Association)
Professional History:	LBG-Guyton Associates, Austin, Texas , 2005 to date, Senior Associate LBG-Guyton Associates, Austin, Texas , 2002-2005, Associate LBG-Guyton Associates, Austin, Texas , 1999-2001, Senior Hydrologist INTERA, Austin Texas , 1992-1999, Ground-Water Hydrologist

James A. Beach

Professional
History:
(continued)

McCulley, Frick & Gillman, Inc., Austin, Texas, 1989-1992, Ground-Water Hydrologist

Hall Southwest Water Consultants, Austin, Texas, 1987, Staff Hydrologist

Magill Well Service, Eden, Texas, 1984, Assistant Well Driller

Project
Experience:

Litigation Support

- ***Surface-Water Rights, Texas*** – Served as a technical expert to assess surface-water dispute. As part of the investigation, surface-water flows in the disputed waterway were measured and losses due to evaporation and aquifer interaction were evaluated. Results of the field investigation helped set the stage for a pre-trial resolution.
- ***Ogallala Aquifer Groundwater Permit Hearings, Roberts County, Texas*** – Supported a legal team in their assessment of impacts from proposed groundwater permit applications to the Panhandle Groundwater Conservation District. A groundwater model was used to simulate the impact of pumping on surrounding properties and to evaluate the rate of water level decline with respect to District guidelines.
- ***Industrial Complex - Albuquerque, New Mexico*** – Supported the defendant's legal team in evaluating the plaintiff's expert opinions regarding source of contamination and extent of contamination for various organic contaminants. Assessed plaintiff's groundwater flow and transport model, which was used as the basis for many of the plaintiff's conclusions. Critiqued weaknesses of the three-dimensional flow and transport model and completed additional simulations using plaintiff's model to assess the sensitivity of model results to aquifer parameters (such as biodegradation and sorption). Visualization and animation techniques were utilized to summarize model results.
- ***Refinery Complex, Texas Gulf Coast*** – Led technical team to develop appropriate site conceptual model and a three-dimensional flow and transport model to statistically evaluate alleged ground-water contamination by petroleum hydrocarbons in a heterogeneous aquifer. State-of-the-art geostatistical and stochastic modeling tools were utilized to complete the analysis; visualization/animation techniques were used to effectively illustrate model results.
- ***Injection Well Facility, Texas*** – Evaluated hydrogeology and contaminant information obtained from previous site investigations to develop an appropriate conceptual model of ground-water flow at the site. Interviews of operators, aerial photography, flow and transport modeling, quantitative subsurface volumetric analysis, and visualization techniques were all used to reconstruct activities and events that were probable contaminant contributors. The results were used to apportion responsibility and remediation costs among potentially responsible parties.

James A. Beach

Project Experience: (continued)

- ***Manufacturing Facility, Canada*** – Worked with technical team to develop a three-dimensional flow and transport model to evaluate ground-water contaminant transport of chlorinated solvents in a complex system. Visualization and animation techniques were utilized to distill and present model results. Results were part of a successful strategy to negotiate a pre-trial settlement.
- ***Manufacturing Facility, Texas*** – Evaluated available site data (boring logs, water levels, contaminant concentrations, river levels, etc.) to develop an appropriate conceptual representation of flow and transport from the facility to downgradient properties. Results were part of a successful strategy to illustrate the weakness of the plaintiff's allegations during court proceedings.
- ***Landfill, Texas*** – Evaluated the potential for ground-water contamination from landfill leakage. Scoping-level evaluations indicated that potential plaintiffs were far enough downgradient that the potential for impact from the landfill was very low. The evaluation included assessment of natural attenuation mechanisms (biodegradation, dispersion, dilution, etc.) of PCE and TCE.
- ***Industrial Complex, Texas*** – Led in the development of a three-dimensional flow and transport model to evaluate ground-water contamination by chlorinated solvents that were disposed of over a 30-year period.

Water Resources, Hydrology, and Modeling

- ***Assessment of Brackish Ground Water for Desalination in Texas*** – Managed project for the Texas Water Development Board to assess the potential for desalinization of brackish ground water in Texas' major and minor aquifers. The study included evaluation of water-quality and geophysical data for over 30 aquifer systems throughout the state and development of hydrogeologic and water-quality maps that can be used to assess potential brackish water projects for planning purposes. The evaluation also included preliminary cost estimation formulas for source water production (wells and well fields) and engineering considerations for different aquifers.
- ***Igneous-Bolson Aquifer Ground-Water Availability Model, Texas*** – Served as project manager and primary modeler to develop a 3-layer MODFLOW model to simulate ground-water flow in the west Texas Bolson and Igneous aquifers. All model data was developed and evaluated within ArcGIS and was compatible/interchangeable with the modeling GUI. Model development and calibration included assimilation of historical pumping and water level data, as well as aquifer characteristics. Aquifer water levels and streamflow data were used to calibrate and verify the steady state and transient models. Predictive simulations, which incorporated 50-year demand projections and potential drought conditions, were used to assess aquifer impact and ground-water availability.

James A. Beach

Project
Experience:
(continued)

- ***Hydrologic Modeling of Edwards Aquifer Watershed*** – Served as project manager to develop hydrologic models (using HSPF) simulate nine watersheds that contribute recharge to the Edwards Aquifer. The models incorporated available meteorological, hydrological, and geological information to develop estimates of runoff and recharge in the basins for a 50-year period. Water Availability Model (WAM) information was utilized to assess impacts from diversions and flood retardation structures was incorporated. The models are useful for assessing proposed recharge management strategies such as brush control, recharge structures, and precipitation enhancement. In addition, the models can be extended to assess water availability and quality in the basins.
- ***Regional Water Planning – (Central, East, and West Texas)*** – Tasks of the projects included description and quantification of ground-water resources, evaluation of current and projected water supply and demand, identification of critical ground-water areas, development of water management strategies, development of a water supply plan, public interaction and presentations, and report preparation. Working with the RWPGs in these projects helped to identify regional ground-water concerns and strategies to meet future demand. Aquifers evaluated included the Carrizo-Wilcox, Gulf Coast, Edwards-Trinity (Plateau), Sparta, Queen City, Yegua, and Lipan.
- ***San Antonio River Authority, Lower Guadalupe Water Supply Project, South Central Texas*** – Assessed the conjunctive use of surface water and groundwater from the lower part of the river basin as a strategy for increasing water supplies in the upper part of the basin. Used Central Gulf Coast ground-water availability model (GAM) to help assess ground-water availability from the Gulf Coast aquifer in a five county area including all or parts of Goliad, Refugio, and Victoria Counties. Modeling was used to estimate the effects of variations in pumping rate from three potential wellfields for a 45-year period. Simulated drawdown was used to help assess potential mitigation and land subsidence issues.
- ***Lipan Aquifer Groundwater Availability Model, Texas*** – Collected and evaluated available hydrogeologic data from ground-water district and state databases. Developed a MODFLOW model to simulate groundwater availability from the upper alluvial aquifer and the lower Permian limestone aquifer. All model data was developed and evaluated within ArcGIS and was compatible/interchangeable with the modeling GUI. Aquifer water levels and streamflow data were used to calibrate and verify the steady state and transient models. The model incorporated stream-aquifer interaction as well as spatially and temporally varying recharge and pumping.
- ***Ground-Water Availability Evaluation of Trinity Aquifer, Bexar and Comal Counties, Texas*** – Developed a MODFLOW ground-water availability model to evaluate the viability of producing Trinity ground water in a portion of the aquifer greatly influenced by surface-water recharge. The model structure was based on site-specific borehole data, and calibrated to a multi-well long-term pump test and was consistent with the TWDB Trinity Aquifer GAM model within the modeled area. The model was used to assess affects of long-term pumping and multiple production scenarios.

James A. Beach

Project
Experience:
(continued)

- ***Ground-Water Availability Evaluation of Ogallala Aquifer, Andrews and Gaines Counties, Texas*** – Developed a MODFLOW ground-water availability model to predict the viability of producing large amounts of Ogallala ground water over a 25-year period from two proposed well fields for power generation cooling water. The regional model was calibrated and verified with "predevelopment" water levels and with water levels collected over a 50-year period. It accounted for past and future irrigation and municipal usage, incorporated heterogeneity in hydraulic properties, and paleo-channels that greatly influenced the ground-water availability.
- ***Evaluation of Ground-Water Availability for the Gulf Coast Aquifer, Texas*** – Utilized existing hydrogeologic evaluations, databases, and ground-water models in east Texas and the Coastal Bend area to develop availability estimates, sustainable yields, and long-term impacts from current and proposed ground-water usage.
- ***Update and Recalibration of Ground-Water Model for Reno, Nevada*** – Converted a complex, non-standard model to MODFLOW-96. The model implemented domestic and municipal pumping; distribution system leakage; recharge from mountain-fronts, precipitation, and irrigation; evapotranspiration; rivers and streams; and discharge from springs and man-made pits. The model will be used to complete wellhead protection assessment and evaluate long-term effects of multiple production scenarios. Data was developed within ArcView GIS and interchanged with ground-water model.
- ***Evaluation of Ground-Water Availability in the Carrizo-Wilcox Aquifer*** – Utilized existing MODFLOW ground-water flow model in northeast and central Texas to develop availability estimates and to determine the long-term impacts from projected ground-water demand. Evaluation helped identify potentially critical areas and aided in the development of a set of wells throughout the region to help assess future water-level changes.
- ***Lignite Mines, Texas*** – Performed numerous aquifer tests and analysis, well installations, ground-water sampling and monitoring. Developed datasets, parameter distributions, and ground-water models for mine dewatering and depressurization in central and east Texas lignite mines.

Hydrologic and Hydrogeologic Characterization

- ***Lonehorn Pipeline, Central Texas*** – Supported the permitting process for the 19-mile pipeline replacement that crossed the Edwards Aquifer recharge and contributing zones. Performed watershed delineation, statistical analysis of streamflow, rainfall-runoff analysis, surface-water flow and transport analysis and risk assessment, overland flow calculations, assessment of detention ponds, and rainfall intensity-duration-frequency analysis. Evaluated shallow geology in 19-mile trench to assess potential for karst recharge to the aquifer. Developed watershed parameters needed to estimate runoff and travel time estimates from the pipeline to surface waterways and karst recharge features, and identified emergency response sites along tributaries. Performed trench percolation tests in karst areas to assess the nature and extent of contamination caused by potential pipeline releases.
- ***Gas Storage and Transfer Station, Kansas*** – Part of a team that developed and implemented a sampling plan to evaluate the source of elevated chloride concentrations in the shallow aquifer system. The evaluation successfully

James A. Beach

Project
Experience:
(continued)

delineated naturally occurring chloride contamination from that portion of a plume that was caused by onsite brine storage ponds.

- ***Petroleum Refinery, Ohio*** – Key player on team to develop and implement a plan to evaluate ROST™, soil sampling, and partitioning interwell tracer tests as a means of effectively and economically characterizing site. Involved in design, field implementation, and analysis of all three techniques.
- ***Surface Lignite Mine, Rockdale, Texas*** – Developed and implemented an aquifer testing program to support dewatering evaluations. The fieldwork included well installation and development, as well as aquifer testing. Quantitative evaluation of aquifer test data was also completed.
- ***Chemical Waste Landfill, Sandia National Laboratories, Albuquerque, New Mexico*** – Aided in the development and implementation of a state-of-the-art vadose zone tracer test to characterize the quantity and location of dense nonaqueous phase liquids in the unsaturated zone below abandoned waste units.
- ***Rendering Plant, San Angelo, Texas*** – Performed field investigation to determine extent of contamination at a site contaminated with diesel fuel after years of surface spills. Investigation entailed collection of soil samples, installation of monitoring wells, well development, ground-water sampling, and hydraulic testing. Also included preparation of a remedial action plan.
- ***Uncompahgre River, Colorado*** – Analyses and interpretation of seasonal water quality data from an extensive mountain stream network feeding the river to delineate the source of and possible remedial strategies for heavy metal loading from abandoned mine portals, which was the cause of diminished local fish populations.
- ***Fly Ash Disposal Unit, Longview, Texas*** – Field coordination of hydraulic testing and surface resistivity survey to delineate hydraulic and geotechnical characteristics of a 3-million cubic yard fly ash disposal unit. The surveys were completed to evaluate the feasibility of mining through the area.
- ***Rare Earths Processing Facility, West Chicago, Illinois*** – Worked as a consultant to regulatory authorities to scrutinize proposed soil and ground-water reclamation proposals from the responsible party. This process entailed implementation of parametric and nonparametric statistical methods to characterize and verify existing contamination as well as proposed excavation plans. In addition, a complete statistical analysis was completed to determine background ground-water concentrations and applicable groundwater protection standards that satisfied multiple regulatory authorities and requirements.
- ***Comanche Peak Steam Electric Station, Glen Rose, Texas*** – Quarterly sampling and evaluation of ground-water data from Class I RCRA landfills. Also aided in the preparation of a work plan for clean closure of one landfill that was in direct hydraulic connection with the cooling lake; this plan was accepted and the landfill was later closed.

Ground-Water Modeling

- ***Kenai Peninsula, Alaska*** – Developed a three-dimensional ground-water flow model of a complex faulted glacial geological system below a petroleum refinery that was contaminated with light nonaqueous-phase liquids. The calibrated ground-water model was used to evaluate the effectiveness of various control and containment scenarios, including implementation of extraction/injection wells and sheet-pile walls. Estimated the total quantity of LNAPL in the aquifer based on the measured thickness in contaminated wells.

James A. Beach

Project Experience: (continued)

- ***Refinery Complex, Texas Gulf Coast*** – Led technical team to develop appropriate site conceptual model and a three-dimensional flow and transport model (2.1 million grid blocks) to statistically evaluate alleged ground-water contamination by petroleum hydrocarbons in a heterogeneous aquifer. State-of-the-art geostatistical and stochastic modeling tools were utilized to complete the analysis; visualization/animation techniques were used to effectively illustrate model results.
- ***Paris, France*** – Developed and complex three-dimensional regional ground-water flow and transport model to evaluate the movement of high-level radionuclide wastes from a proposed geologic repository in eastern France. The model incorporated near-surface karst regions as well as very deep units identified as potential repository zones. An adjoint sensitivity analysis was used to evaluate sensitivity of contaminant travel times to receptor environments based on uncertainty in the physical properties.
- ***Columbus Air Force Base, Mississippi*** – Calibrated and verified a two-dimensional transient flow and transport model (Bioplume II) to evaluate natural attenuation of dissolved phase jet fuel components (benzene, dichlorobenzene, naphthalene, p-xylene) and tritium in a shallow alluvial aquifer. Site characterization data and historical plume monitoring data was used to develop a reliable site model to predict down gradient concentrations at the site. Aerobic and anaerobic biodegradation as well as nondestructive natural attenuation mechanisms were incorporated to evaluate the fate of the plume.
- ***A/M Area Disposal Sites, Savannah River Site, South Carolina*** – Developed a three-dimensional transient model to evaluate the potential movement of dissolved phase solvents (TCE, PCE, TCA, etc) in the saturated zone in the forty years since disposal started. This model was used to evaluate the effectiveness of the current pump-and-treat recovery system and evaluate future movement of the dissolved phase plumes.
- ***F&H Area, Savannah River Site, South Carolina*** – Managed the development of numerical models to evaluate capture and containment effectiveness. Developed appropriate monitoring strategy to verify hydraulic containment, developed a strategy for rehabilitating injection wells, and aided in developing a geochemical plan for pump-and-treat containment and recirculation system.
- ***DOE WIPP Facility, Carlsbad, New Mexico*** – Applied the SWIFT-II flow and transport code to evaluate the effectiveness of the proposed upper-shaft short-term seal design. Applied a unique and efficient approach to incorporate the cylindrical system of seal components into a two-dimensional model and implemented a new linear boundary condition to mimic flow from the lower boundary. The model was used to identify those components that were most critical to preventing fluid flow from the upper-shaft region to the repository level.
- ***Aluminum Processing Facility, Missouri*** – Used site characterization data to conceptualize and develop a coupled soil and ground-water model to evaluate the fate and transport of a PCB compound. Model evaluations included estimating ground-water contamination downgradient from the site in an aquifer discharging

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Project
Experience:
(continued)

to a major river. Developed parameters to estimate risk to human health and the environment at the river due to the PCB release.

- ***Sanitary Landfill, Savannah River Site, South Carolina*** – Developed an areal flow model and a vertical cross-section contaminant transport model to support risk assessment calculations and support an alternative concentration limit (ACL) demonstration for the facility. The areal flow model was used to evaluate the effectiveness of capping in decrease point-of-compliance (POC) concentrations and the transport model was used to estimate POC and point-of-exposure (POE) concentrations.
- ***Hazardous Waste Disposal Facility, Kern County, California*** – Applied a variably-saturated flow model (UNSAT2) to evaluate and recommend the proper distance between neutron probe access tubes that were used to monitor leakage from the waste management units to the extensive vadose zone below the facility.
- ***Deep Well Injection Facility, Southeast Texas*** – Developed a SWIFT-II transport model to demonstrate no migration under EPA regulations.
- ***Bunker Hill Superfund Site, Smelterville Flats Area, Idaho*** – Using MODFLOW, developed a saturated ground-water flow model to evaluate/design fluid residence times and travel paths through constructed wetlands. The ground water was contaminated with heavy metals and the constructed wetlands were designed to maintain a reducing environment for metals precipitation. The USGS code MODPATH was used to perform particle tracking through the wetlands area.
- ***DOE WIPP Facility, Carlsbad, New Mexico*** – Applied the SWIFT-II flow and transport model to investigate the transient pressure response of slanted well bores with the very low conductivity halite zones of the Salado Formation. This evaluation was performed to determine the effects of well bore slant on the results of permeability testing interpretations.

Modeling/Remediation

- ***Kenai Peninsula, Alaska*** – Developed a three-dimensional ground-water flow model of a complex faulted glacial geological system below a petroleum refinery that was contaminated with light nonaqueous-phase liquids. The calibrated ground-water model was used to evaluate the effectiveness of various control and containment scenarios, including implementation of extraction/injection wells and sheet-pile walls. Estimated the total quantity of LNAPL in the aquifer based on the measured thickness in contaminated wells.
- ***Lead Smelting and Battery Manufacturing Facility, Columbus, Georgia*** – Used SWIFT-II to develop an flow and transport model for the site in order to design an effective/efficient ground-water extraction system for a dissolved phase solvent plume.
- ***A/M Area Disposal Sites, Savannah River Site, South Carolina*** – Developed a three-dimensional transient model to evaluate the potential movement of dissolved phase solvents (TCE, PCE, TCA, etc) in the saturated zone in the 40 years since disposal started. This model was used to evaluate the effectiveness of the current pump-and-treat recovery system and evaluate future movement of the dissolved

James A. Beach

phase plumes.

Project
Experience:
(continued)

- ***Mine Disposal Facility, Minnesota*** – Developed a numerical flow model using MODFLOW to determine the effectiveness of slurry walls or sheet pile to divert ground-water flow around a semi-wetland area that contained waste disposal units. The model was also used to evaluate the effectiveness of capping the waste disposal units to minimize leachate production.

Environmental and Regulatory Oversight/Analysis

- ***Illinois Department of Nuclear Safety, Springfield, Illinois*** – Assisted in the preparation of environmental analyses for each decommissioning phase of a closed thorium and rare earths facility for the Illinois Department of Nuclear Safety. Each environmental assessment included: (1) an assessment of the radiological and nonradiological impacts to the public health from the activities proposed by the applicant; and (2) an assessment of impacts on any waterway and ground water resulting from previous activities and activities proposed by the applicant. The assessment also included the consideration of remedial alternatives proposed by the applicant and consideration of the long-term impacts of the decontamination and reclamation activities proposed by the applicant. The analysis addressed all aspects of ground-water fate and transport of hazardous and radioactive constituents found in elevated concentrations at the site. The contaminants in the soils and in the ground water at the site include inorganics, metals, and radioactive constituents. Review includes determining the adequacy of the site soil and ground-water remediation plans. Team responsibilities included: regulatory review, representation of the IDNS in meetings with stakeholders, the licensee, and the attorney general's office, technical review of decommissioning documents, development of a ground-water compliance framework, development of ground-water protection standards, geochemical and flow modeling, preparation of environmental analyses, and review of the licensee's ground-water submittals.
- ***Gas Storage and Transfer Station, Kansas*** – Designed a strategic technical approach for developing a monitored natural attenuation (MNA) risk-based methodology for an operating facility.
- ***Longhorn Pipeline, Texas*** – As part of the permitting process, worked with the U. S. Geological Survey, U. S. Fish and Wildlife Service, Office of Pipeline Safety and other regulatory entities to develop technical documents required to complete the permitting process.

Field
Experience:

Mr. Beach's field experience includes the following:

- Streamflow measurements
- Surface-water sampling
- Ground-water sampling
- Pump and slug tests
- Well test analysis

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- Field Experience: (continued)
- Ground-water monitoring
 - Water-quality analysis
 - Field instrumentation
 - Drilling and geologic logging
 - Well installation and development
 - Well design

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Exhibit E

East Texas Regional Water Planning Group

RWPA "I"

Executive Committee:

Carl R. Griffith, Jr.
Chairman

A.T. Hebert, Jr.
1st Vice Chairman

Chris von Doenhoff
2nd Vice Chairman

Pat Armstrong
Secretary

Connie Slocomb
Assistant Secretary

Melvin Swoboda
Executive Committee

David Alders
Executive Committee

Members:

George P. Campbell
Nick Carter
Sam F. Collins
Bob Gregg
C. Michael Harbordt
Bill Kimbrough
Glenda Kindle
LaNell Larsen
Tom Mallory
Edward McCoy, Jr.
Ernest Mosby
Dick Nugent
Hermon Reed
Monry Shank
Dr. J. Leon Young

Administrative Office:

Deep East Texas
Council of
Governments

Walter G. Diggles
Executive Director

274 East Lamar St.
Jasper, TX 75951

Phone:
409/384-5704

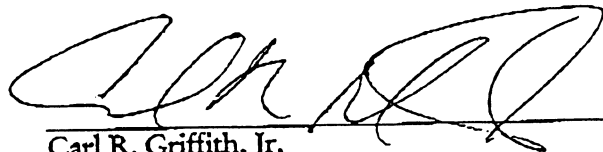
Fax:
409/384-5390

Political Subdivision Designation

As reflected in the Minutes of the East Texas Regional Water Planning Group (ETRWPG) meeting held April 22, 1998:

The Deep East Texas Council of Governments (DETCOG) was designated as the Political Subdivision to apply for and receive state funds on the behalf of the ETRWPG (RWPA "I").

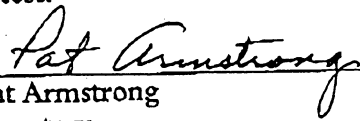
Attached are the minutes from the ETRWPG meeting.



Carl R. Griffith, Jr.
Chairman

5/18/98
Date

Attest:



Pat Armstrong
Secretary

5-18-98
Date

East Texas Regional Water Planning Group

Carl R. Griffith, Jr.,
Chairman

**MINUTES
EAST TEXAS REGIONAL WATER PLANNING
GROUP**

**Wednesday, April 22nd, 1998
10:00 AM**

*** Alabama-Coushatta Indian Reservation * Hwy 190 *
Polk County, Texas**

- I. Call to Order:** Judge Carl Griffith, the interim co-chairman, welcomed everyone to the meeting and then called the meeting to order.
- II. Invocation:** Jerry Johnson of Nacogdoches gave the invocation.
- III. Roll Call/Determination of Quorum:** Chairman Griffith asked Andy Phillips of DETCOG to call the roll. Committee members present are as follows:

Glenda Kindle	David Alders
LaNell Larsen	Hermon Reed
Chris von Doenhoff	Leon Young
Carl Griffith	Ernest Mosby
Dick Nugent	Edward McCoy
Monty Shank	Connie Slocomb
Melvin Swoboda	Sam Collins

- denotes an action item

Roll Call (cont.)

Tommy Hebert
Tom Mallory
Nick Carter
Pat Armstrong
Bill Kimbrough
Bob Gregg
George Campbell

Absent member(s)

Michael Harbordt

IV. Presentation of By-laws Sub-committee: Chairman of the by-laws sub-committee, Chris von Doenhoff, reported the findings of the meeting held at SFA on March 31st, 1998.

Members of the by-laws sub-committee are:

Connie Slocumb
George Campbell
Nick Carter
Leon Young
Chris von Doenhoff – Chair

(Modifications to proposed by-laws are presented in their entirety in the attached version that was accepted.)

- Judge Chris von Doenhoff made a motion to accept by-laws as amended by the committee. Connie Slocumb offered a second. All voted aye and the motion carried.

V. Election of officers: Judge Carl Griffith opened the floor for nominations of officers.

- Chris von Doenhoff nominated Carl Griffith as chairman
- Monty Shank nominated Melvin Swoboda for the same office

- Herman Reed made the motion to close the nominations. He was seconded by Glenda Kindle. All voted aye and the motion carried.

Mr. Swoboda made remarks to the committee at large in reference to his qualifications as a chairman for this committee.

Judge Griffith then gave a statement to the group about his qualifications for the chairmanship of this committee.

The vote was then taken and Carl Griffith was elected to chair the ETRWPG by a vote of 11 – 9.

- Campbell nominates Chris von Doenhoff as 1st vice-chairman
- Pat Armstrong nominates Tommy Hebert for the same office
- Hermon Reed made the motion to close nominations, seconded by LaNell Larsen. All voted aye and the motion carried.

The vote was taken and Hebert and von Doenhoff wer deadlocked at a 10 – 10 tie. A coin toss was used to break the tie. Hebert was pronounced the winner with von Doenhoff being offered the 2nd vice-chairman position. With no disagreement from von Doenhoff or the committee on method of selection, the results were allowed to stand.

- Campbell nominates LaNell Larsen for secretary
- Glenda Kindle nominates Pat Armstrong for the same office
- Hermon Reed made a motion to cease nominations. Edward McCoy seconded the motion. All voted aye and the motion carried.

Pat Armstrong was elected secretary by a vote of 13 – 7.

- Tom Mallory nominates Connie Slocomb for assistant secretary
- Campbell nominates LaNell Larsen for the same office

Connie Slocomb wins by a count of 11 – 9.

- Sam Collins nominates Melvin Swoboda as 1st member-at-large
 - Hermon Reed nominates Ernest Mosby for the same
 - Gregg nominates Kindle for the same
- Slocomb votes to cease nomination with Monty Shank seconding. All voted aye and the motion carried

First vote taken ends up with Swoboda 8 votes for, Kindle 7 votes for, Mosby 5 votes for. A run off was then conducted between the two top candidates. Swoboda wins this election 13 – 7 over Kindle.

- Gregg nominates Kindle for 2nd member-at-large
- Campbell nominates Reed for the same
- Larsen nominates Alders for the same

First vote taken ends with Alders 7 votes for, Kindle 7 votes for, Reed 6 votes for. The run off had Alders winning 12 – 8.

VI. Selection of authorized Political subdivision to apply for grant.

- Connie Slocomb nominates DETCOG as the authorized political subdivision for the ETRWPG. Larsen seconds the nomination. All voted aye and the motion carried.
- George Campbell makes a motion to set time limits for speaking at the public hearing (5 minutes). Alders seconds this motion and it carries unanimously.

VII. Selection of Date, time, and place of next meeting.

The next meeting date was set by the consensus of the group. The next regularly scheduled meeting of the ETRWPG will be at the Pitser Garrison Civic Center in Lufkin, Texas at 1:30 PM on June 22nd, 1998.

VIII. Other business:

It was decided by verbal assent that representatives to adjacent water planning groups will be decided upon at a later date.

It was also decided that a blanket news release should be sent to the media highlighting the results of this meeting. No formal action of the committee was taken on this item.

It was also brought to the attention of the group that a blank scope of services provided to the members, might be helpful.

A decision was made by the verbal consensus of the group that a meeting of the executive committee should be held prior to the next regularly scheduled group meeting in June. A date of May 18th at 1:30 PM at the Lufkin DETCOG office was set. A mailout to be provided by DETCOG staff.

IX. Adjourn:

There being no further business to come before this group, Judge Carl Griffith adjourned the meeting.