



REGION I

EAST TEXAS REGIONAL WATER PLANNING GROUP

AGENDA

Wednesday, November 5, 2008

10:00 A.M.

**NACOGDOCHES RECREATION CENTER
1112 North Street
Nacogdoches, Texas**



Region I
East Texas Regional Water Planning Group
AGENDA

Wednesday, November 5, 2008
Nacogdoches Recreation Center
1112 North Street
Nacogdoches, TX

1. Call to order - Kelley Holcomb, Chairman
2. Invocation & Pledge of Allegiance
3. Roll Call/Determination of Quorum
4. Consideration and approval of the minutes of the August 13, 2008 meeting
5. Report from City of Nacogdoches - Lila Fuller
6. Reports of adjoining regions activity (only as needed)
 - A. Region C - Vacant/Connie Standbridge
 - B. Region D - Vacant/Mindy Rabicoff
 - C. Region H - David Alders/Steve Tyler
7. Reports from Standing Committees (only as needed)
 - A. Executive Committee - Kelley Holcomb
 - B. Finance Committee - Darla Smith
 - C. Bylaws Committee - David Alders
 - D. Technical Committee - Mike Harbordt
 - E. Nominations Committee - George Campbell
8. Reports from other state agencies
 - A. Texas Department of Parks & Wildlife - Terry Stelly
 - B. Texas Department of Agriculture - Linda Parker
9. Report from Texas Water Development Board staff - Temple McKinnon
10. Report from consultant team - Gary Graham, Schaumburg & Polk
11. Educational Presentation - Report on Electric Generation - TWDB
12. Public Comment (limited to three minutes)
13. Unfinished Business - None
14. New Business
 - A. Receive Public Comment on Draft Studies Report for Round III, Phase I Regional Water Planning
 - B. Consideration and Possible Approval of Draft Studies Report for Round III, Phase I Regional Water Planning and authorize submission of same by the City of Nacogdoches
 - C. Consideration and Possible Approval authorizing the City of Nacogdoches to execute the Contract with TWDB for Round III, Phase II Regional Water Planning
 - D. Consideration and Possible Approval of amending the bylaws regarding term limits for voting members of the ETRWPG
 - E. Consideration and Possible Approval of requesting the City of Nacogdoches to solicit Request For Qualifications for consulting engineering services for Round III, Phase II Regional Water Planning.
15. Chairman's Report
16. General discussion
Proposed dates for future meetings: February 11, 2009
17. Adjourn

This agenda is posted as required under G. C. Section 551.041. For more information or a copy of the Open Meetings Act, please contact the Attorney General of Texas at 1-800-252-8011 or at www.oag.state.tx.us.

The Nacogdoches Recreation Center is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting. Please contact Lila Fuller at (936) 559-2504 or FAX (936) 559-2912 for further information.



Region I
East Texas Regional Water Planning Group
Standing Committees
AGENDA

Wednesday, November 5, 2008, 9:00 a.m.

Nacogdoches Recreation Center
1112 North Street
Nacogdoches, TX

The Region I East Texas Regional Water Planning Group has four standing committees. These committees function under the direction of the Region I East Texas Regional Water Planning Group as defined in the approved By-Laws. Committee meetings are typically held on an as needed basis and begin at 9:00 am unless other wise indicated. These Committee are:

Executive Committee

1. Consider solicitation of Requests for Qualifications for the Consulting team for Round III, Phase II regional planning activities.
2. Review Draft Request for Qualifications Packet

Nominations Committee (meeting to begin at 9:15 AM)

1. Consider appointments to the Small Business WUG

By-Laws Committee (meeting to begin at 9:30 AM)

1. Consideration amending the bylaws regarding term limits for members of the ETRWPG (Article V, Sections 2 and 4, and all other references).

Finance Committee

1. Review FY 2009 receivables
2. Review of Financial Statements

Technical Committee

3. Ongoing review of Round 3 Phase I Planning Tasks
4. Review and seek approval for Round Three project scope for supplemental funding

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MINUTES

Attached are the minutes from the August 13, 2008
ETRWPG meeting.

MINUTES OF THE REGULAR MEETING
of the
REGIONAL WATER PLANNING GROUP “I”
Wednesday, August 13, 2008 – 10:00 a.m.
Nacogdoches Recreation Center
1112 North Street, Nacogdoches, Texas

1. Call to Order – Chair Kelley Holcomb called the regular meeting to order at 10:10 a.m.
2. Invocation & Pledge of Allegiance –David Alders led the group in the Pledge of Allegiance.
3. Roll Call and Determination of Quorum –The roll was called by Lila Fuller and a quorum was determined as follows:

Voting Members Present (16 of 21)

Jeff Branick
Josh David
Dr. Michael Harbordt
William Heugel
Kelley Holcomb
Honorable Hermon Reed
Worth Whitehead
Dr. J. Leon Young
Bill Kimbrough
Monty Shank
David Alders
Jerry Clark
Darla Smith
Dale R. Peddy
Judge Chris Davis
George P. Campbell

Voting Members Absent (5)

Glenda Kindle
David Brock
Duke Lyons
Robert Stroder
Ernest Mosby

Proxies:

Monty Shank for Glenda Kindle

Non-Voting Members Present:

Temple McKinnon, TWDB
Terry D. Stelly, Texas Parks and Wildlife

Terry McFall, USDA, NRCS
Mendy Rabicoff, RWPG "D"
Ricky Bourque, Schaumburg and Polk, Inc.
Gary Graham, Schaumburg and Polk, Inc.

Other Guests Present:

Scott Hall, LNVA	Bob Bowman
Billy D. Sims, KSA Engineers	Chuck Walker, City of Lufkin
Trey Daywood, Tyler County WSC	Kenneth Williams, City of Diboll
John Nelson, LBG-Guyton Associates	Rex Hunt, Alan Plummer Associates
Robert Conyer, SRA – LA	Richard LeTourneau, Region D
Bill Jacobs, Lower GCD	Alan Draper, KSA Engineers
John Martin, SETGCD	Simone Kiel, FNI
Bill Tetley, Sierra Club	Andrew Goodridge, Media
Clayton LaGrone, PCGD	Mary Decker, Friends of Neches River
David Alford, Pineywoods GCD	Phil Yocom, Toledo Chronicle
Jack Sparks, City of Nacogdoches Finance Director	

4. Consideration and Approval of the Minutes for the June 4, 2008 meeting. Chair Kelley Holcomb referenced the minutes in the packet. Monty Shank moved to approve as amended. The motion was seconded by Josh David and unanimously passed.
5. Report from City of Nacogdoches – Lila Fuller advised a smooth transition continues as City of Nacogdoches works with Region I in the Administrative role. Held Public Hearing for Diboll's request for amendment on July 10, approximately 15 people attended. A transcript is available in the City Secretary's office for review. Also submitted grant application for Phase II of Round III Regional Water Planning Grant June 6th.
6. Reports from adjoining regions activity:
 - A. Region C – no report
 - B. Region D – no report
 - C. Region H – David Alders stated he was not in attendance at the last Region H meeting, but Temple McKinnon gave a report regarding electric demands. Mr. Alders asked Ms. McKinnon to share her report.

Ms. McKinnon reported TWDB has funded a study on water demand projections for power generation in Texas. TWDB held a meeting with power generation industry representatives to take their comment on the draft and has made the draft available for public comment in general. Those comments were received and TWDB issued its comment letter to the contractor on the draft report. The draft report is available on our web site and the final report to be posted in the very near future.

7. Reports from Standing Committees

- A. Executive Committee – Chair Holcomb advised of change in staff at SPI. Ricky Bourque is transitioning in for Gary Graham. Mr. Holcomb thanked Mr. Graham for his years of service.

Discussed creating standing committee to liaison with adjoining regions to look into perceived need for regional coordination. Also discussed holding public meetings to solicit input from smaller entities to make the planning process more available to them.

- B. Finance Committee – Darla Smith advised there would be a budget amendment. Ms. Smith named counties with outstanding allocations: Anderson, Angelina, Hardin, Henderson, Houston, Jefferson, Orange and Polk Counties for a total of \$17,200. Letters were sent in July for FY2009 allocations. Reported current balance \$23,043 with net income \$2,614.

Chairman Holcomb stated he knows courts are running on tight budgets, but planning groups depend on local administration allocations to fund the administrative work.

George Campbell thanked the finance committee for their work in preparing the FY2009 budget.

- C. Bylaws Committee – No report.

- D. Technical Committee – Mike Harbordt stated there are three items discussed he will touch on briefly because they will be discussed later in this meeting:

- Estimate of Yegua Aquifer availability in Angelina County as pertaining to Diboll's amendment request – John Nelson will report.
- Phase II, Round 3 – will need to help SPI in September – will call Technical Committee meeting.
- Alan Plummer discussed questionnaire to desegregation of water suppliers asking information regarding water production and sales – Gary Graham will report.

- E. Nominations Committee – George Campbell stated committee has not met, but he did receive a letter today; committee will make a recommendation at next meeting for the continuing small business vacancy and Ernest Mosby's position due to health reasons.

8. Reports from other state agencies.

- A. Texas Department of Parks & Wildlife – Terry Stelly with TPW Port Arthur passed out the July issue of TPW *The Outdoor Magazine of Texas* featuring an article on *The Dead Zone* by Wendee Holtcamp on when fertilizer laden runoff from the Mississippi River empties into the gulf, algae thrives – and marine animals die. Dead Zone nowhere near Texas...doing well out in the Gulf at this time.
- B. Texas Department of Agriculture – Linda Parker absent.

9. Report from Texas Water Development Board Staff – Temple McKinnon reported funding recommendations would be sent to TWDB by August 26, 2008. Region I application looks great – board items will be posted on website. Final funding recommendation will be emailed to Kelley when complete and contracts executed in December.

Chairman Holcomb asked if anything else Region I should do? Ms. McKinnon said no. Holcomb asked if required to use the state electric demands data, McKinnon advised yes, in Round 3 Phase 2, TWDB will be make data available. Holcomb asked TWDB's position on using ground water for cooling purposes. McKinnon stated TWDB does not have an official position. Holcomb stated the use of ground water for cooling purposes does not make any sense and hopes TWDB will have leeway in planning to look at questions concerning that data.

10. Report from Consultant Team – Gary Graham, consulting engineer with Schaumburg & Polk reported one of the five tasks has dropped out – (Lake Murval), leaving four tasks. Will have reports on three of those tasks today by Simone Kiel and Rex Hunt.

Inter-Regional Coordination with Regions C, D and I on the preliminary pipeline route for Toledo Bend Project: Ms. Kiel reported Toledo Bend Reservoir is a major water source in the East Texas Region and an important component of the Sabine River Basin system. The 2006 Region C water plan recommends moving water from Toledo Bend Reservoir to water providers in Region C. As part of this strategy, water also would be transported from Toledo Bend for use in Region D by customers of the Sabine River Authority. 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.

Since the development of this strategy for the 2006 regional water plans, there have been ongoing developments of water supplies by the Region C providers and the East Texas Region. This study was conducted to better understand these changes and the impacts to the proposed Toledo Bend Project. The major tasks included: 1) coordination with the major participants and confirmation of supply amounts and delivery locations, 2) review and update schematic transmission routes, 3) identify potential impacts to receiving reservoirs, 4) review the naturalized flows to Sabine Lake, and 5) update capital costs and develop life cycle costs for the refined project.

Ms. Kiel gave a brief synopsis of the coordination activities and the preferred schematic transmission routes.

Delivery Amounts:

- Dallas Water Utilities (DWU) 200,000 acre-feet per year
- Tarrant Regional Water District (TRWD) 200,000 acre-feet per year
- North Texas Municipal Water District (NTMWD) 200,000 acre-feet per year
- Sabine River Authority (SRA) 100,000 acre-feet per year

Peak Factor:

- For planning purposes, this study will assume a peak factor of 1.25. This factor assumes that other sources have enough peak capacity if needed. Peak capacity needs could be different in the future.

Delivery Points:

- TRWD: Near Lake Benbrook
- DWU: Near Joe Pool Lake and Lake Tawakoni
- NTMWD: Near new Lake Tawakoni WTP
- SRA: Half of SRA to Longview/Kilgore/Henderson/Marshall and other half to Lake Tawakoni area

DWU Participation:

- Toledo Bend is an alternative strategy for Dallas therefore, costs of the preferred alternative will be calculated with and without DWU participation.

Preferred Route:

- Based on discussions with the major participants, the pipeline to the Metroplex suppliers should have the shortest route possible. Pumping should be from pump station to pump station where possible. For planning and cost estimating purposes the route follows the basin divide from Toledo Bend to Lindale and then turns west north of Tyler. A discharge to Prairie Creek would be located southeast of Tyler. The pipeline splits into two branches near the Tyler/Lindale area. One branch goes north to Lake Tawakoni to deliver water to SRA and the NTMWD. The second branch goes west to deliver water to TRWD and DWU passing near Cedar Creek Reservoir and Waxahachie.

Rex Hunt with Alan Plummer Associates – Impacts on Receiving Waters, Bays and Estuaries
Mr. Hunt reported the following:

Status:

- Potential receiving reservoirs identified
- Water quality issues identified and being evaluated: Aquatic life – Biota – Water quality
- Review of bays and estuaries issues underway

Potential Receiving Water bodies:

- Lake Tawakoni
- Prairie Creek
- Joe Pool Lake
- Lake Benbrook
- Lake Palestine (Optional)
- Cedar Creek Reservoir (Optional)

Aquatic Life – Fish:

- Intake location and design will reduce risks for movement of fish and other aquatic life
- Aquatic species would be unlikely to survive entrainment, transport, and discharge to a new reservoir
- Generally, recreational fish species are stocked through the State or have been previously introduced

Aquatic Life – Macro invertebrates:

- Mussels – not a significant issue in Texas currently
- Snails – still being evaluated

Aquatic Plants:

- Three plants of primary concern:
 - Water Hyacinth – surface plant, reproduces by seeds (can over winter) probably would not be entrained in a properly designed intake
 - Hydrilla – submerged plant, can reproduce from fragments and already in most reservoirs now
 - Giant Salvinia – surface plant, reproduces from fragments, highly invasive and of significant concern to TPWD – can negatively affect habitat and water quality

Water Quality:

- Review of relevant water quality impairments in reservoirs:
 - Toledo Bend – Mercury in edible tissue
 - Category 5c on 303(d) list (additional data needed)
 - Impairments in other reservoirs are primarily for pH (Category 5c) and would probably not be an issue

Bays and Estuaries Evaluation:

- Ongoing comparison of USGS flows and naturalized flows to TPWD report of March 2005
- Flows
 - TPWD min Q = 7,114,000 ac-ft pr year
 - USGS 25th percentile flow = 6,545,000 ac-ft per year
 - Naturalized 25th percentile flow = 8,124,000
- Period of record for measurement of species abundance was 14 years
- Bag seine method instead of harvest catch

Jerry Clark commented SRA has no contracts to back up any of this planning; these entities have other options to receiving other water that they are exploring. Toledo Bend is a large sum of water a long way from where it is needed; and very costly to get to it and increasingly expensive to pump elsewhere due in rising energy prices. Planning is to bring all entities to the table and focus on what the possibilities and options are and what is going to work. You have planning dimension and then real dimension of what happens as various entities put their monies and their engineering on these projects that immediately address their ultimate needs. We've seen these discussions for about six years, and today, we are no closer to a contract than six years ago. Conservation, reuse and transporting will play a significant role in planning outcome. East Texas is blessed to have Toledo Bend, it is a big management and balancing act we must keep in mind.

Gary Graham presented report on current phase regarding Study #2 Regional Solutions for Small Water Suppliers.

- Task 1: A total of 61 entities were noted with water quality or supply deficiencies based on TCEQ database records.
- Task 2: Approximate CCN boundaries have been located and evaluated for proximity to other providers.
- Task 3: Letters have been mailed to all 61 entities of interest. The letters provided a summary of the known concern and potential strategies to meet the concern, including possible regional options. Approximately 30% of the entities have responded and all but one indicated their concern has been addressed locally. Follow-up phone calls will be made to outstanding responses. Based on these calls, regional strategies will be developed.

Improving Water Conservation: Identifying users as commercial, residential or industrial. Collecting per capita data for residential or domestic use from water systems in the region that are generally small is difficult to do but is important to get their data into the system. Mr. Nelson stated the survey passed out today is a draft, and to be sent to select water systems in the region with 1000 or more connections. Non- response will be followed up with a phone call. The hope is this data will give a good idea of use for the next water plan.

Bill Heugel suggested the need to look at other larger users, such as agriculture and industrial, for conservation data as well. Mr. Nelson hopes to have data back by end of September to report at next meeting.

11:30 a.m. – Five-Minute Recess

11:35 a.m. – Meeting resumed

11. Educational Presentation: None

12. Public Comments: None

13. Unfinished Business: None

14. New Business:

A. Consider and Possible approval of Amending the 2006 Region I Water Plan.

George Campbell asked to make a point of order. He stated in the past, if a county had not paid their allocation, their requests were not considered. Does this still stand?

Chairman Holcomb referred question to Ms. McKinnon. Ms. McKinnon stated TWDB does not have a policy in place to require local government to be current on any locally accessed fees to be eligible to apply. Diboll has already paid amendment fees for this request.

Gary Graham presented the amendment request – changes to 2006 Water Plan would be as follows:

- Page 3-15: Increase total for Yegua in Angelina County to 6,472 per amendment.
- Chapter 4B, page 4B-14: Revise Strategies from Yegua to show the 1612 increase proposed by Diboll.
- Chapter 4C:
 - Page 4C-5: Revise schedule for implementation of 1612 acre-ft from Yegua.
 - Page 4C-6: Revise schedule to reflect slight modification in numbers to match 1612 acre-ft.

Mike Harbordt made a motion to approve amending the 2006 Region I Water Plan to include data as presented for City of Diboll request. The motion was seconded by Bill Kimbrough and unanimously passed.

Chairman Holcomb asked Diboll City Manager to supply as much information as possible about the development of water source.

- B. Consideration and Possible Approval for the City of Nacogdoches to prepare and submit a grant application for the study cost related to the City of Diboll Water Management Strategy Amendment.

Mike Harbordt made a motion to approve the City of Nacogdoches to prepare and submit a grant application for the study cost related to the City of Diboll amendment request that would alter Water Management Strategies in the Yegua-Jackson acquirers in the amount of \$8691.50 and authorize the City of Nacogdoches to collect administration costs for preparing the TWDB grant application. The motion was seconded by Chris Davis and unanimously passed.

- C. Consideration and Possible Approval of an appointment to fill the vacant Small Business WUG position.

George Campbell stated Nominating committee received very little response, will make a report at the next meeting.

No action.

- D. Consideration and Possible approval of a Standing Committee for the Coordination of Activities between Adjoining Regions.

Chairman Holcomb advised this item is regarding the Liaison position, there are three available, and has become an important tool in attempting to solidify our interaction with the other Regions Executive Committees.

Mendy Rabicoff (Region D Liaison) stated he is willing to work with Region I Standing Committee in any way possible regarding Toledo Bend; he already works with Region C.

No action.

15. Chairman's Report –

Chairman Holcomb announced the appointment of Environmental Flows Advisory Group: Members of the Sabine and Neches Rivers and Sabine Lake Bay Basin and Bay Area Stakeholders Committee:

Jerry Clark, Chair	Kathleen Jackson
Robert Stroder, Vice Chair	Chester Moore
David Alford	Rodney Newman
Joe Arnold	Jerry Nichols
Christopher Bean	Fr. Sinclair Oubre, J.C.L.
Keith Bonds	Jody Puckett
W. Greg Carter, P.E.	David Roemer
Katherine Davis	Monty Shank
Kenneth Dickson	C.R. "Dick" Sherron, M.D.
Bruce Drury	Robert Neal "Bob" Staton, Jr.
Walter Glenn	Jeanie Turk
Kelley Holcomb	

Group planning first meeting in September.

Texas Water Conservation Guidance Council – Temple McKinnon advised one vacancy.

Chairman Holcomb encouraged any members interested in serving to please see Temple McKinnon.

16. General discussion – Chair Holcomb stated the proposed date for the next meeting was Wednesday, October 8, 2008 at 10:00 a.m. May be a lengthy meeting in preparation of Rd 3 PI work due by April 30, 2009.

17. Adjournment:

Adjourned 12:10 p.m.

APPROVED THIS 5th DAY OF NOVEMBER 2008.

Kelley Holcomb, Chair
ETRWD – Region I

ATTEST:

Jerry Clark, Secretary