

MINUTES OF MEETING SUMMARY

Audio of meeting is available on the website at www.brazosqwater.org

BRAZOS G REGIONAL WATER PLANNING GROUP

August 11, 2004

In accordance with notice sent to each member of the Brazos G Regional Water Planning Group and posted in accordance with the Texas Open Meetings Act (copy of notice attached as **Exhibit A**), a meeting of the Brazos G Regional Water Planning Group convened at 10:05 a.m., Wednesday, August 11, 2004, in the central office of the Brazos River Authority, 4600 Cobbs Drive, Waco, Texas. Attendance was as follows:

VOTING MEMBERS PRESENT

Tony Jones, Chair
David Bell, alternate for Chaunce Thompson
Truman Blum
Mark Bryson
Scott Diermann
Tim Fambrough
Phil Ford
Horace Grace
Jonathan Graham, alternate for Jon Burrows
Larry Groth, alternate for Wiley Stem
Ronnie Jean, Alternate for Tom Clark
A.V. Jones
Terry Kelley
Brent Locke, alternate for Scott Mack
Mike Morrison
Dale Spurgin
Kent Watson

VOTING MEMBERS ABSENT

Jon Burrows
Tom Clark
Scott Mack
Stephen Stark
Wiley Stem
Chaunce Thompson

NEW VOTING MEMBERS PRESENT

(Effective last meeting 2004)

Alva Cox
Randy Waclawczyk
Kathleen Webster
Wayne Wilson

NEW VOTING MEMBERS ABSENT

(Effective last meeting 2004)

Mike Sutherland

NON-VOTING MEMBERS PRESENT

Terry Lopas
Mike McGuire
David Meesey
Susan Morgan
Melissa Mullins
E. W. Wesley, interim for Amador Hernandez
Paul Zweiacker

NON-VOTING MEMBERS ABSENT

Jim Clarno
John Grant
Julie Marsden

OTHERS PARTICIPATING

Julie Andress, Brazos River Authority
Lynn Bell, Walnut Creek Mining Company
Teresa Clark, Brazos River Authority
David Dunn, HDR Engineering
Tom Gooch, Freese and Nichols
John Hofmann, Brazos River Authority
Ron Lemons, Freese and Nichols
Grady Reed, HDR Engineering
Cory Shockley, HDR Engineering
Lisa Tschirhart, Brazos River Authority
David Wheelock, Brazos River Authority

PUBLIC PRESENT

See attached sign-in sheet (**Exhibit B**)

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Notice of Meeting - Chair Jones noted that each member of the Brazos G Regional Water Planning Group received notice of this meeting pursuant to the bylaws (copy of notice attached as **Exhibit C**). He indicated that the public meeting notice was properly posted as required by the law and confirmations of timely posting were received.

Announcements – Chair Jones called for a roll call recognizing voting members present and noted the presence of a quorum.

Chair Jones noted the availability of a hard copy of the meeting materials for public review. He said that the public can also view and download the meeting materials from the Brazos G website at www.brazosgwater.org.

Agenda Item 5 – Consider approval of draft minutes

- 5.1 Consider approval of draft minutes from March 23, 2004, meeting (copy of draft minutes attached as **Exhibit D**).

MOTION by Truman Blum, seconded by Phil Ford to accept the minutes as presented.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

- 5.2 Consider approval of draft minutes from April 14, 2004, meeting (copy of draft minutes attached as **Exhibit E**).

MOTION by Tim Fambrough, seconded by Horace Grace to accept the minutes as presented.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

- 5.3 The Chair announced that the draft minutes for the June 9, 2004, meeting would not be available until the September meeting for approval.

Agenda Item 6 - Present financial report and consider approval

6. Presentation of Independent Financial Report was given by Truman Blum, Member of the Finance and Cost Committee (copy of report attached as **Exhibit F**).

MOTION by Truman Blum, seconded by Kent Watson to accept the financials as presented.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 7 – Public Input

7. Public Input – None given.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Agenda Item 8 - Program

Agenda Item 8.1 - Report from Susan Morgan on Region H water planning activities.

- 8.1 Ms. Morgan's report (copy of report attached as **Exhibit G**) covered the areas of the final stages of review on ground and surface water availability, amendments to Region H's 2001 plan permitting applications in various areas of unappropriated firm water supplies and groundwater use. Ms. Morgan concluded by giving information of the next Region H meeting.

Agenda Item 8.2 - Consider request to TWDB to increase specific water demands as presented by David Dunn, representative of HDR Engineering.

- 8.2 Mr. Dunn presented on Robertson County and Walnut Creek Mining Company, McLennan County's steam electric demands, and Johnson County's steam electric or manufacturing demands (copy of presentation attached as **Exhibit H**). He gave brief background information on the three counties stating that in September 2003, TWDB approved water demand projections for Brazos G and noted that TWDB had been in discussion and are considering bringing a clean-up set of demand revisions for approval.

Mr. Dunn concluded with a summary of his presentation and the demands and recommendations from HDR Engineering by stating that HDR is recommending that it has been requested for TWDB to approve the above three county demands.

MOTION by Terry Kelley, seconded by Mark Bryson to increase the water demands as presented by HDR.

After some discussion, Terry Kelley amended the motion to authorize HDR to determine the specific number for McLennan County's Steam Electric demands after coordination with the City of Waco.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 8.3 - Presentation on source of supply as a water management strategy

- 8.3 Mr. Lynn Bell, Mine Manager, of Walnut Creek Mining Company began his presentation with a brief history of Walnut Creek Mining Company, which began mining in 1989 (copy presentation attached as **Exhibit I**).

Mr. Bell said that he brought this to the Group's attention because it is a viable source of pumping water for ten years and for the next twenty-five years will

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

continue to be the same on a regular, consistent basis. He also asked the Group to consider this as a source of supply to go forward.

MOTION by Truman Blum, seconded by Phil Ford to accept Walnut Creek Mining Company as a source of supply as presented.

HE MOTION CARRIED WITH NO DISSENTING VOTES.

(Agenda Items 8.4 & 8.5 overlapped in subject matter and were discussed as one agenda item.)

Agenda Item 8.4 - Consideration of using firm or safe yield for reservoirs above Possum Kingdom.

- 8.4 Presentation by David Dunn, HDR Engineering, requested the Group to use safe yield instead of firm yield for reservoirs that are upstream from Possum Kingdom Reservoir but not including the reservoir itself (copy of presentation attached as **Exhibit J**). Mr. Dunn gave background information on the recommendations and proceeded to define firm and safe yields. He also noted several reservoirs and a table that presented yields through 1997.

Agenda Item 8.5 – Consider new drought of record yields for Hubbard Creek Reservoir, Fort Phantom Hill Reservoir, Miller’s Creek Reservoir, Lake Daniel and Lake Proctor.

- 8.5 Mr. Dunn introduced Cory Shockley of HDR Engineering to present on analysis updates on drought record yields.

Mr. Shockley gave the members insight on the methodology and results of the new drought analysis that was completed for six reservoirs in the basin. He noted the methodology being used was the Brazos Water Availability Model which included using years 2000 and 2060 sedimentation conditions for the reservoirs, return flows adopted by the planning group, all Brazos River Authority (BRA) CONTRACTS being modeled at actual locations and three subordination agreements for modeling purposes that BRA has with upstream entities.

Mr. Shockley summarized his presentation by stating that the drought analysis shows a reduction in the cumulative supply estimate for these reservoirs of approximately 30 percent, that the reduction percentage varies from 7-70% depending on the reservoir itself, and the updated yields represent a “maximum”, since some of the reservoirs are still in drought. He also recommended that TWDB be notified of intentions to utilize safe yields for reservoirs upstream of Possum Kingdom and updated drought analysis (firm or safe yields) for those reservoirs for which updated drought analysis are available.

Discussion continued with questions and comments from members.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

MOTION by David Bell, seconded by Dale Spurgin to accept HDR's recommendation to notify the TWDB to consider new drought of record yields for Hubbard Creek Reservoir, Fort Phantom Hill Reservoir, Miller's Creek Reservoir, Lake Daniel and Lake Proctor.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 8.6 – Presentation by HDR on detailed needs assessment.

8.6 Presentation by David Dunn, HDR Engineering, on detailed needs assessment.

Mr. Dunn noted that HDR had made refinements to the larger Brazos River Basin WAM in regards to contract locations by re-running water availability numbers and updated drought of record yields upstream of Possum Kingdom to be adopted by the water planning group. He also noted that they have updated their water supply and needs assessment.

Mr. Dunn introduced Grady Reed with HDR Engineering to present on demand supply analysis (copy of presentation attached as **Exhibit K**).

Discussion continued with questions and comments from members.

Recessed for lunch – 11:45 p.m., reconvened at 12:40 p.m.

Agenda Item 8.7 – Presentation by Brazos River Authority on the BRA system permit application.

8.7 Presentation by Phil Ford, Brazos River Authority, on the BRA system permit application.

Mr. Ford stated that the BRA Board approved a systems approach and filed a system permit application with TCEQ. He also stated that the BRA systems operations permit was a result of Senate Bill 1 and the results can be beneficial and advantageous to the entire basin. Operation of the system reservoirs allows BRA to better model the characteristics of the river.

Mr. Ford concluded by saying that what was being requested is that the systems operations be in the 2001 and 2006 plans. He expected that TCEQ would complete its review and determination of the application to be administratively complete prior to adoption of the 2006 plan.

Mr. Phil Ford presented a video of the history and water management strategies of the Brazos River Authority. After the video, Ron Lemons, with Freese & Nichols was introduced to present on the System Management and Drought Protection Plan (copy of presentation attached as **Exhibit L**).

MINUTES OF MEETING BRAZOS G REGIONAL WATER PLANNING GROUP

Mr. Lemons began his presentation by stating that the system management and drought protection plan is a major, new environmentally sensitive supply project and that the only reason the project is possible is due to the reservoir system that BRA has and is the only entity that can develop a plan. He also noted that the plan will have a basin-wide water management plan on how to use water and that BRA is fulfilling its legislative mandate to develop, manage, and conserve water resources of the Brazos basin.

Mr. Lemons stated this plan was being requested due to the Senate Bill 1 and 2 process, the Brazos basin needs by 2050 and about 1.5 million acre feet more water. This includes the counties in the basin as well as those partially in the basin).

Mr. Lemons concluded his presentation by saying that the system order allowed BRA to be more efficient, allows BRA to make more water available and the water management plan was developed in conjunction with all basin participants ensuring its success. He also introduced his colleague, Tom Gooch, to answer discussion questions raised by members. Discussion and questions from members continued (listen to audio on website for the entire presentation). It was suggested to move on the next agenda item to provide more clarity to the issues discussed.

Recessed for break at 2:23 p.m., reconvened at 2:35 p.m.

Agenda item 8.8 – Consider amending the 2001 Brazos G plan for the Brazos River Authority system permit application.

- 8.8 Presentation by David Wheelock, Brazos River Authority, on the consideration of amending the 2001 Brazos G plan for the Brazos River Authority system permit application.

Mr. Wheelock began his presentation by stating that BRA was requesting that the system operation be added as a potential water management strategy and that a systems operation be added as a recommended water management strategy for BRA. He noted that BRA was not asking approval in the permit process which is for TCEQ to consider. BRA is requesting a plan amendment because we want the Brazos G RWPG on-board with system operation. The State Water Code requires projects be consistent with the State Water Plan which would be prior to issuing a permit and prior to TWDB considering funding or other participation with a project. Mr. Wheelock continued with the complete slide presentation.

Mr. Wheelock noted that the plan would change by adding a new chapter describing the system operation as a water management strategy and Volume I Section 5B.38 of the Regional Water Plan using water management plans to revise and show system operation as a recommended water management strategy. Mr. Wheelock concluded by showing slides of the draft amendments for Sections 5A.20.1, 5B.38.1.2, and 5B.38.1.3 of the BRA system operation (copy presentation attached as **Exhibit M**).

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Mr. David Meesey, TWDB, was introduced to speak on the amendment process by providing procedures for amending an approved regional water plan.

Discussion and questions continued on the topic (listen to audio on website for the entire presentation).

MOTION by Mark Bryson to table the agenda item, seconded by Jonathan Graham. Mr. Bryson also said that he assumed it would come back up on the September agenda.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Meeting adjourned at 2:40 p.m., reconvened on August 12, 2004

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

August 12, 2004
(Day two of meeting)

In accordance with notice sent to each member of the Brazos G Regional Water Planning Group and posted in accordance with the Texas Open Meetings Act (copy of notice attached as **Exhibit N**), a meeting of the Brazos G Regional Water Planning Group convened at 10:03 a.m., Thursday, August 12, 2004, in the central office of the Brazos River Authority, 4600 Cobbs Drive, Waco, Texas. Attendance was as follows:

VOTING MEMBERS PRESENT

Tony Jones, Chair
David Bell, alternate for Chaunce Thompson
Truman Blum
Mark Bryson
Scott Diermann
Tim Fambrough
Phil Ford
Horace Grace
Jonathan Graham, alternate for Jon Burrows
Larry Groth, alternate for Wiley Stem
Ronnie Jean, alternate for Tom Clark
A.V. Jones
Terry Kelley
Brent Locke, alternate for Scott Mack
Mike Morrison
Dale Spurgin
Kent Watson

VOTING MEMBERS ABSENT

Jon Burrows
Tom Clark
Scott Mack
Stephen Stark
Wiley Stem
Chaunce Thompson

NEW VOTING MEMBERS PRESENT
(Effective last meeting 2004)

Randy Waclawczyk
Kathleen Webster
Wayne Wilson

NEW VOTING MEMBERS ABSENT
(Effective last meeting 2004)

Alva Cox
Mike Sutherland

NON-VOTING MEMBERS PRESENT

Terry Lopas
David Meesey
Susan Morgan
Melissa Mullins

NON-VOTING MEMBERS ABSENT

Jim Clarno
John Grant
Julia Marsden
E.W. Wesley, interim for Amador Hernandez
Paul Zweiacker

OTHERS PARTICIPATING

Julie Andress, Brazos River Authority
John Baker, Brazos River Authority
Teresa Clark, Brazos River Authority
David Dunn, HDR Engineering
Grady Reed, HDR Engineering
Kristi Shaw, HDR Engineering
Lisa Tschirhart, Brazos River Authority

PUBLIC PRESENT

See attached sign-in sheet (**Exhibit O**)

Notice of Meeting - Chair Jones noted that each member of the Brazos G Regional Water Planning Group received notice of this meeting pursuant to the bylaws (copy of agenda attached as **Exhibit P**). He indicated that the public meeting notice was properly posted as required by the law and confirmations of timely posting were received.

MINUTES OF MEETING BRAZOS G REGIONAL WATER PLANNING GROUP

Announcements – Chair Jones called for a roll call recognizing present and new voting members and noted the presence of a quorum.

Chair Jones noted the availability of a hard copy of the meeting materials for public review. He said that the public can also view and download the meeting materials from the Brazos G website at www.brazosgwater.org.

Public Input – Doug Caroom of Bickerstaff, Smiley and Heath announced that he was an attorney representing BRA on the system operation permit application and said that he was available to answer questions to give a better understanding on how the application fits into the regional planning process. He stated that much of the discussion mentioned at yesterday's meeting was why BRA wanted to amend the 2001 Plan rather than waiting until the 2006 Plan and going forward with it. He stated they were anticipating that the permit application would probably be the subject of a public hearing which should be underway before January 2006. He noted this issue needs to be addressed prior to that hearing. He also said that the Texas Water Development Board rules allows a governmental entity such as BRA to submit a proposed amendment to the plan and those rules require the regional planning group to react within 180 days and noted the deadline. BRA was not pressuring the Group to act immediately but within the 180 day deadline. He said they are planning on talking to anyone who is concerned about the issue and he believed this was a win-win for the basin and the most efficient use of the resources.

Since this was not posted as an agenda item, no discussion or questions followed.

Agenda Item 8.9 – Consider modifying the scope of work to incorporate the Brazos River Authority system permit into the 2006 Regional Water Plan

8.9 Presentation by David Dunn, HDR Engineering, to present on consideration of modifying the scope of work to incorporate the Brazos River Authority system permit into the 2006 Regional Water Plan. Mr. Dunn presented background information on this issue (copy of presentation attached as **Exhibit Q**). Discussion and questions from members continued (listen to audio on website for the entire presentation).

Mr. Dunn concluded his presentation by recommending that the BRA System Permit Application needed to be accounted for in 2006 Brazos G RWP; HDR and BRA work out details with the Scope of Work Committee; and the Scope of Work Committee meet in time to bring a recommendation to RWPG at the September meeting.

MOTION by Brent Locke, seconded by Mark Bryson to accept HDR's recommendations as presented and refer the request to the SOW Committee.

Truman Blum requested to amend the motion by adding, "by so doing it does not indicate that the planning Group totally agrees with all issues involved there", seconded by Mark Bryson.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

THE AMENDED MOTION CARRIED WITH NO DISSENTING VOTES.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 8.10 – Define needs to include moderate surplus supply for WUGs with marginal surpluses

- 8.10 Presentation by David Dunn, HDR Engineering, to present on defining needs to include moderate surplus supply for WUGs with marginal surpluses.

Mr. Dunn began his presentation by stating Brazos G's supplies and demands. He noted inherent inaccuracies in demand and supply projections and supply estimates. Many municipal WUGs have surpluses barely in excess of projected supply and we need to consider how the 2006 Brazos G RWPG will account for future uncertainties with regard to marginal surpluses (copy of presentation attached as **Exhibit R**; discussion and questions continued on the topic (listen to audio on website for the entire presentation)).

Mr. Dunn also showed a slide that represented a list of all water user groups in the region that showed their 2030 supplies, demands and surpluses.

MOTION by David Bell, seconded by Ronnie Jean to define needs as supply needed to achieve a 5% surplus in excess of projected demands.

Discussion continued on clarification of the issue.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 8.11 – Status report from David Wheelock on the TWDB Water Conservation Task Force

- 8.11 Presentation by David Wheelock, Brazos River Authority, to present status report on the TWDB Water Conservation Task Force.

Mr. Wheelock began his presentation by noting a statewide look into the TWDB Water Conservation Task Force and presented two draft documents which include Task 1 through 6 with Task 1 being a BMP guide and Task 2-6 a report to the legislature with additional recommendations (copy of presentation attached as **Exhibit S**). Mr. Wheelock concluded his presentation by stating additional requirements of the Task Force and noted that comments to the drafts are due by Monday, August 23, 2004.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Agenda Item 8.12 – Present draft methodology for considering conservation as a water management strategy for entities with needs

- 8.12 Presentation by David Dunn, HDR Engineering, to present on draft methodology for considering conservation as a water management strategy for entities with needs.

Mr. Dunn introduced Kristi Shaw with HDR Engineering to present this agenda item (copy of presentation attached as **Exhibit T**). She gave some background on the issue stating the TWDB rules for 2006 Plan require that any entity with shortages will have water conservation strategies considered first; and, in order for this to be meaningful, the conservation strategies should allow flexibility for the WUGs to identify practical conservation strategies for future state funding requests. Ms. Shaw spoke on per capita usage and various ways to implement water conservation strategies.

Ms. Shaw concluded by offering the Task Force's recommendations to reduce per capita water use and possible approaches for the 2006 Plan. The planning Group and public discussed the issue with questions and

MOTION by Truman Blum to table agenda item until the next meeting and ask HDR to put together a proposal on what the numbers really are and what the options are on how to get there; also include public input, seconded by Scott Diermann.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 8.13 – Update HDR on Brazos G plan preparation schedule and upcoming issue

- 8.13 Presentation by David Dunn, HDR Engineering, with update on the Brazos G plan preparation schedule and upcoming issues.

Mr. Dunn began his presentation by giving an overall schedule for regional planning beginning with August 2004 and going through January 2006. He also noted a chart which shows reservoir strategies to evaluate as well as other strategies to evaluate. Mr. Dunn concluded by speaking of other task impacts and recommendations and upcoming issues in September and October (copy of presentation attached as **Exhibit U**).

Agenda Item 8.14 – Report from Texas Parks and Wildlife Department staff regarding TPWD activities

- 8.14 Report by Melissa Mullins, Texas Parks and Wildlife Department, regarding TPWD activities.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Ms. Mullins stated that in the last three years TPWD has devoted July issues of their magazine to covering water resource issues and each voting member of the Brazos G RWPG received a copy.

Agenda Item 8.15 – Report from Texas Water Development Board staff on water planning issues

- 8.15 Report from David Meeseey, Texas Water Development Board on water planning issues.

Mr. Meeseey spoke of technical issues brought to the Group's attention the day prior that have been unresolved and TWDB is working to resolve those. He also spoke on return flows of water availability models and suggested opening issues up for discussion before the end of the planning cycle.

Mr. Meeseey also noted a Chair's conference call for August 31st and will try to get an agenda to each Group's chairman.

Agenda Item 9 - Confirmation of next meeting date

9. Confirmation of next meeting date

September meeting will be changed from September 9th and 10th to September 15th and 16th.

October meeting will be changed to reflect October 20th as the meeting date.

Teresa Clark, Brazos River Authority, will contact SOW committee members to confirm a date for the SOW meeting.

MOTION by Horace Grace, seconded by Larry Groth to accept the meeting dates as presented.

THE MOTION CARRIED WITH NO DISSENTING VOTES.

Agenda Item 10 – New business to be considered at next meeting

10. New business to be considered at next meeting will be a new member orientation beginning with the September meeting one hour before the regular meeting. The agenda is still being developed and members will be notified prior to the scheduled meetings. Mr. Jones requested that if anyone had questions regarding agenda item #8.8, please forward those to Ms. Clark.

**MINUTES OF MEETING
BRAZOS G REGIONAL WATER PLANNING GROUP**

Adjournment - There being no further business before the Group, Chairman Jones adjourned the Brazos G RWPG Meeting at 12:30 p.m.

Tony Jones, Chair

Phil Ford, Secretary/Treasurer