

REGIONAL WATER PLANNING GROUP – AREA B

Meeting Minutes Wednesday, July 30, 2014

The Regional Water Planning Group – Area B met in an open public meeting on Wednesday, July 30, 2014, at 10:00 a.m. in the Conference Room of Red River Authority of Texas, 3000 Hammon Road, Wichita Falls, Texas, with the following members and guests present:

RWPG Members:

- ✓ Mr. Curtis W. Campbell, Chair, Red River Authority of Texas, Wichita Falls
- ✓ Mr. Wilson Scaling, Vice Chair, Henrietta
- Mr. Dean Myers, Secretary, Bowie Industries, Inc., Bowie
- Ms. Tamela Armstrong, Alliance Power Company, Wichita Falls
- Mr. Jack Campsey, Gateway Groundwater Conservation District, Quanah
- Judge Mark Christopher, Foard County, Crowell
- Mr. N. E. Deweber, Baylor Water Supply Corporation, Seymour
- Dr. Rebecca Dodge, Ph.D., Midwestern State University, Wichita Falls
- Judge Kenneth Liggett, Clay County, Henrietta
- Mr. Mike McGuire, Rolling Plains Groundwater Conservation District, Munday
- Mr. Monte McMahon, AEP Oklaunion Power Plant, Vernon
- Mr. Tracy Mesler, Upper Trinity Groundwater Conservation District, Nocona
- ✓ Mr. Kyle Miller, Wichita Falls Water Improvement District No. 2, Wichita Falls
- Mr. Jerry Payne, Henrietta
- Mr. Russell Schreiber, City of Wichita Falls

RWPG Alternates:

- Mr. Jimmy Banks, Iowa Park
- Mr. Bob Patterson, Upper Trinity Groundwater Conservation District, Springtown
- Mr. Henry Wied, Red River Authority of Texas, Wichita Falls

Consultants and Staff:

- Mr. Robert Adams, Alan Plummer Associates, Inc., Austin
- Ms. Simone Kiel, Freese and Nichols, Inc., Fort Worth
- Ms. Stacey Green, Red River Authority of Texas, Wichita Falls
- Mr. Glen Hite, Red River Authority of Texas, Wichita Falls
- Ms. Danna K. Prichard, Red River Authority of Texas, Wichita Falls

Discretionary:

- Mr. Tom Barnett, Texas Water Development Board, Austin
- Mr. Robert Mauk, Texas Parks and Wildlife Department, Wichita Falls
- Mr. Jack Stephens, Regional Water Planning Group – Area C, Azle

Registered Guest: Mr. Mick Baldys, United States Geological Survey, Fort Worth
Mr. Gary Burke, United State Geological Survey, Wichita Falls
Mr. Don Caillouet, Layne Christensen Company, Frisco
Mr. John Harmon, North Texas Home Builders Association,
Wichita Falls
Mayor Phil Jeske II, City of Olney
Mr. Jim Johnson, State Representative James Frank’s Office,
Wichita Falls
Ms. Rachel Navejar, Tarrant Regional Water District, Fort Worth
Mr. Danny Parker, City of Olney
Ms. Rhonda Poirot, State Representative James Frank’s Office,
Wichita Falls
Mayor Howard Raeke, City of Henrietta

Item One: Public Meeting Call to Order, Invocation, Roll Call and Introductions

Mr. Curtis W. Campbell, Chair of the Regional Water Planning Group - Area B (RWPG – B), called the meeting to order at 10:00 a.m. Judge Kenneth Liggett gave the invocation. Following roll call and establishment of a quorum, Mr. Campbell noted the following absences: Mr. Bobby Kidd, Mr. J. K. (Rooter) Brite, Mr. Mitch Grant and his alternate Mr. John Struder, Mr. Dale Hughes and his alternate Mr. J. Todd Thomas, and Mayor Gayle Simpson. Introductions followed.

Item Two: Review and Approval of Minutes of the April 23, 2014 RWPG – Area B Meeting

Mr. Campbell presented the April 23, 2014 Public Meeting minutes for approval. With no comments from the RWPG – B members, Mr. McGuire motioned to adopt the minutes as written. Judge Christopher seconded the motion. The motion passed with a vote of **15 For** and **0 Against**.

Item Three: Consider and Approve the Source Availability for Other Aquifers and Authorize Consultants to Submit it to the Texas Water Development Board

Mr. Campbell gave the floor to Ms. Kiel to present the proposed “other aquifer” availability numbers for Region B to the members. She reminded the group that the consultants presented their preliminary “other aquifer” numbers at the January 2014 Region B meeting, and the decision to collect additional data was agreed upon. The regional groundwater districts were contacted for additional input and the INTERA Study results for Montague County were reviewed by the consultants upon completion of the study. She stated that the acquired data, in combination with the Texas Water Development Board’s (TWDB) historical use numbers, have been incorporated into the Region B proposed “other aquifer” water availability assessment, as presented today for approval. Ms. Kiel added that she was awaiting clarification on the definition of “brackish water” from the TWDB. Mr. McGuire noted that the Legislature was discussing how to document “brackish water”, and Ms. Kiel reiterated that the clarification could

Item Three: Consider and Approve the Source Availability for Other Aquifers and Authorize Consultants to Submit it to the Texas Water Development Board (continued)

affect the Modeled Available Groundwater (MAG) values, as well as surface water assessments. With the group having the option available to make adjustments to the proposed “other aquifer” availability numbers throughout the planning process, Mr. Campbell called for a motion to approve the numbers as presented today. Mr. McGuire motioned to approve the Region B proposed numbers for Source Availability for Other Aquifers and authorize the consultants to submit the data to the TWDB. Judge Liggett seconded the motion. The motion passed with a vote of **15 For** and **0 Against**.

Item Four: Consider and Approve the Revised Letter to the TWDB on the Methodology for Assessing Surface Water Supplies and Authorize the Administrative Agency to Submit the Letter to the Texas Water Development Board

Mr. Campbell provided a draft of the letter to be submitted to the TWDB, requesting the use of reliable supply for the Wichita System (Lakes Arrowhead and Kickapoo) determined by the conditional reliability assessment which was discussed at the April 2014 Region B meeting. Ms. Kiel added that the use of safe yield, with the hydrology extended through 2013, would still be utilized in assessing supplies for Lakes Kemp and Diversion. With no further discussion, Mr. Mesler moved to approve the letter and authorize the Authority to submit it to the TWDB. Mr. Schreiber seconded the motion. The motion carried by a vote of **15 For** and **0 Against**.

Item Five: Consider and Approve the Technical Memorandum on the Data Placed in the DB17 Data Base and Authorize the Administrative Agency to Submit it to the Texas Water Development Board on August 1, 2014

The Technical Memorandum packet was presented to the group by Mr. Campbell, and he asked Ms. Kiel to provide an overview of the contents. Ms. Kiel explained that the Technical Memorandum is a deliverable from the first phase of funding, consisting of seven reports prepared by the consultants, as instructed in the contract with the TWDB. She defined the reports as follows:

- ◆ Summary of Population – broken down by county, river basin and decade
- ◆ Water User Group (WUG) Demands – broken down by county, river basin and each individual WUG
- ◆ WUG Category Summary – includes population demand, supplies, and needs for each category of WUGs
- ◆ Source Availability – broken down by county, river basin, each individual water source, source detail and salinity
- ◆ Existing Water Supplies – broken down by, county, river basin and source
- ◆ Summary of water needs/surpluses – calculated for each WUG by county and river basin, reviews the needs and list the shortages and surplus

Item Five: Consider and Approve the Technical Memorandum on the Data Placed in the DB17 Data Base and Authorize the Administrative Agency to Submit it to the Texas Water Development Board on August 1, 2014 (continued)

- ◆ Source Water Balance – examines the amount of water remaining in the individual sources that could be used for future water supplies

Ms. Kiel also discussed some of the updated supply and needs figures derived from the data included in the memorandum. She stated that combined water supply by source in the Region B Area averages 133,000 acre feet per year, which includes groundwater, surface water and local supplies. She stated that when comparing supply data to the *2010 Region B Regional Water Plan*, surface water supplies are reduced by 39% and groundwater supplies are reduced by 58% by the year 2020, largely based on a sharp rise in municipal and mining needs. Ms. Kiel emphasized to the group that with the exception of the population numbers, adjustments can be made to the data being submitted on the Technical Memorandum up until approval of the final *2016 Region B Regional Water Plan*.

Mr. Barnett asked Ms. Kiel what accounted for the large reduction in groundwater supplies. Ms. Kiel replied that the Desired Future Conditions (DFCs) were causing the Modeled Available Groundwater (MAG) values to go down based on declining water quantity. Mr. McGuire discussed ongoing studies for DFCs and Mr. Schreiber added that water quality was becoming an issue, as availability declined due to the current drought conditions. Mr. McGuire added that Groundwater Availability Models (GAMs) currently do not separate “good water” from “bad water.”

With no further discussion, Mr. Campsey motioned to approve the Technical Memorandum as presented today, and authorize the Authority to submit it to the TWDB. Dr. Dodge seconded the motion. The motion passed with a vote of **15 For** and **0 Against**.

Item Six: Consider and Approve the Final 2011 Water Management Strategy Prioritization Schedule and Authorize the Administrative Agency to Submit it to the Texas Water Development Board by September 1, 2014

Mr. Campbell reviewed the approval process and the June 1, 2014 submittal, of the Draft 2011 Water Management Strategy Prioritization Schedule. He stated that the TWDB had recommended some modifications of the methodology, to the HB4 Stakeholder Committee, following their review of the Draft Prioritization Schedule. Mr. Campbell explained that the Stakeholder Committee met via conference call and voted not to modify the methodology at this time, with the exception of “grouping projects for scoring” which was indicated on Attachment B, of the letter received from the TWDB. He added that the committee may incorporate the remaining recommendations into the 2016 Project Prioritization Schedule. Ms. Kiel explained that she had initially grouped the equivalent water management strategies together on the draft

Item Six: Consider and Approve the Final 2011 Water Management Strategy Prioritization Schedule and Authorize the Administrative Agency to Submit it to the Texas Water Development Board by September 1, 2014 (continued)

schedule and they have now been listed separately on the final schedule. She pointed out that ungrouping the projects had no effect on the final ranking score. With no comments, Mr. McGuire moved to approve the final 2011 Water Management Prioritization Schedule and authorize the Authority to submit it to the TWDB. Mr. McMahon seconded the motion, and the motion carried by a vote of **15 For** and **0 Against**.

Item Seven: Receive an Overview of Chapter 2 by the Consultants

Mr. Adams gave a brief overview of his draft copy of Chapter 2, to be incorporated into the *2016 Region B Regional Water Plan*. He said Chapter 2 contains population projections, as well as municipal and non-municipal water use projections. He added that the charts indicate a gradual decline in municipal demands between 2020 and 2070, based on water use and population projections. Following a recap of the projected industrial and livestock water use, Mr. Adams pointed out that the Wichita County Water Improvement District No. 2 would now be listed as a wholesale water provider, along with the City of Wichita Falls. He asked the members to read the chapter and submit any comments or suggested changes to Mr. Campbell.

Mr. Campbell reminded the group that the Initially Prepared Plan (IPP) is due on May 1, 2015, therefore the chapters need to be finalized.

Item Eight: Receive an Overview of Chapter 3 by the Consultants

Ms. Kiel proceeded with an overview of the draft copy of Chapter 3, which is an evaluation of current water supplies. She noted that the chapter included brief descriptions of lakes and reservoirs in Region B, and added that the lakes and reservoirs which are no longer being relied upon as water supplies have been moved to a subcategory listed as “Other Lakes and Reservoirs”. Ms. Kiel informed the group that the technical data, such as current methodology and sedimentation data will be documented in separate appendices. Her discussion continued with a summary of the firm yield and the reliable supply by reservoir, as well as local surface and groundwater supplies for Region B. Ms. Kiel explained that the section on “water quality” had been omitted pending discussion with the TWDB, and will be added in at a later date. She reiterated Mr. Adams’ statement pertaining to Wichita County listing two wholesale water providers in this planning cycle. Furthermore, Ms. Kiel noted that the graph comparing reliable supplies to supplies available to water users on page 3-24 indicates a surplus of approximately 30,000 acre feet of water between what is reliable supply and what has been allocated to water users. There was no further discussion and Mr. Campbell asked the group to review Chapter 3 and submit any suggestions or comments to him.

Item Nine: Consider Authorizing the Technical Advisory Committee to review the Required Information concerning Emergency Interconnects for Chapter 7

Mr. Campbell reminded the group of the addition of Chapter 7 in this planning cycle, which addresses drought response information, activities and recommendations. He explained that item 7.3 “Existing and Potential Emergency Interconnects” requires the formation of a committee to create a report identifying entities or WUGs in the Region B Area, that could serve as water interconnects in the event of an emergency. Mr. Campbell recommended that the Technical Advisory Committee (TAC) meet with the consultants to create this required report, which will then be submitted separately to the TWDB, and not to the general public, as a security precaution. With no discussion, Mr. Campbell called for a motion. Mr. Scaling moved to authorize the TAC to carry out the requirements of item 7.3 in Chapter 7 and Dr. Dodge seconded the motion. The motion passed with a vote of **15 For** and **0 Against**.

Item Ten: Presentation by the Upper Trinity Groundwater Conservation District Regarding the Development of a Groundwater Model of the Paleozoic Aquifers; Modification of the Existing Modeling Tools, and Project Timeline

Mr. Campbell introduced Dr. Bob Patterson, General Manager of the Upper Trinity Groundwater Conservation District (UTGCD), to present a model recalibration study, performed by the INTERA Corporation, on the Paleozoic Aquifers (PAs) in the Upper Trinity area. Mr. Patterson stated that the Bureau of Economic Geology (BEG) had recently created a groundwater model of the PAs to assess oil and gas water supplies. He added that the UTGCD wanted to further update the BEG model, creating a tool, to enable the establishment of a Desired Future Condition (DFC) for the PAs, in Groundwater Management Area 8 (GMA-8). Dr. Patterson explained that INTERA utilized data between 1980 and 2012. He said they extended the active model area and added layers to better represent the impacts of groundwater wells, and the study results indicate the PAs are a significant resource in GMA-8. Although the TWDB has not accepted the model as an official GAM, the updated model gives UTGCD the capability to make district and joint planning-level management decisions.

Mr. Mesler added that data from the INTERA study, as well as the Trinity Aquifer Study, indicate that seventy-eight percent of water wells in Montague County are supplied by the PAs. He also explained that the UTGCD hopes to establish a methodology for management strategy rules within the PAs by 2015. With no discussion, Mr. Campbell thanked Dr. Patterson and Mr. Mesler for their presentation.

Item Eleven: Update from the Texas Water Development Project Manager

Mr. Campbell asked Mr. Barnett to update the group on developing TWDB issues and current deadlines. Mr. Barnett noted that the Technical Memorandum was due by August 1, 2014, followed by the Final 2011 Project Prioritization Schedule, due on September 1, 2014. He also reiterated Agenda Item Nine, to establish a sub-committee to form a report on emergency interconnects, as required in Chapter 7. In conclusion, Mr. Barnett informed the members that

**Item Eleven: Update from the Texas Water Development Project Manager
(continued)**

the TWDB had released the draft rules for the \$2 billion SWIFT Fund on their webpage for review and public comments.

Item Twelve: Public Input and Comments to the Planning Group

Mr. Campbell opened the floor to input and comments from the public and the RWPG-B members. There was no discussion presented.

Item Thirteen: Consider Date and Agenda Items for the Next Meeting

With the approaching deadline of May 1, 2015 for the IPP, Mr. Campbell asked Ms. Kiel for a recommendation for the next meeting date. Ms. Kiel suggested the next meeting be tentatively scheduled for November 2014, as there are no pending agenda items at this time. Mr. Campbell agreed to wait until late fall to determine the next meeting date.

Item Fourteen: Adjourn

With no further discussion, Mr. Campbell called for a motion to adjourn the meeting. Judge Christopher motioned to adjourn at 11:50 a.m. and Judge Liggett seconded the motion. The motion carried with a vote of **15 For** and **0 Against**.

Curtis W. Campbell, Chair

Dean Myers, Secretary

