

GROUNDWATER MANAGEMENT AREA 12 MEETING

July 25, 2013 – 10:00 a.m.

Milano Civic Center

120 West Ave. E

Milano, Texas

MINUTES

Name

Entity

| | |
|---------------------|---------------------------------|
| Alan Day | BVGCD |
| Pat Reilly | Blue Water |
| Steve Box | Environmental Stewardship |
| Shirley Wade | TWDB |
| Chelsea Weatherford | TWDB |
| Matt Uliana | METGCD/Martin Geologic |
| Dave Coleman | City of College Station |
| Andy Donnelly | DBS&A |
| Sarah Backhouse | TWDB |
| David Van Dresar | TWDB |
| Monique Norman | BVGCD & FCGCD |
| James Beach | LBG Guyton |
| Gary Westbrook | POSGCD |
| Nathan Ausley | POSGCD |
| David Bailey | METGCD |
| Bobby Bazan | POSGCD |
| Keith Hansberger | LPGCD |
| Travis McPhaul | LPGCD |
| B. Sherrill | LPGCD |
| Meng Tia | Intera, Inc. |
| Steve Young | Intera, Inc. |
| John Seifert | LBG Guyton Associates |
| Joe P. Cooper | LPGCD |
| Ross Cummings | Blue Water |
| Bob Harden | R W Hardin, & Assoc. |
| Terry Zrubek | Landowner |
| Brian Ellis | CH2M Hill |
| Jackie Scott | BRA |
| Cutis Chubb | Central Texas Aquifer Coalition |
| Kodi Sawin | Sawin Group |

1. Call meeting to order and establish quorum

The meeting was chaired by Nathan Ausley, President of the Post Oak Savannah Groundwater Conservation District (GCD). Chairman Ausley called the meeting to order at 10:05 am. and noted that a quorum was present as all Districts in GMA 12 were represented at the meeting, including himself representing Post Oak Savannah GCD (POSGCD), David Bailey of Mid-East Texas GCD (METGCD), Alan Day of Brazos Valley GCD (BVGCD), Joe Cooper of Lost Pines GCD (LPGCD), and David Van Dresar of Fayette County GCD (FCGCD).

2. Welcome and introductions

Chairman Ausley welcomed all to the meeting and invited the head table to introduce themselves to those in attendance. All representatives of GCDs mentioned above and Gary Westbrook of POSGCD, serving as secretary, introduced themselves.

3. Minutes of October 18, 2012 GMA 12 Meeting

After reviewing the draft minutes of the October 18, 2012 meeting, David Van Dresar moved, and David Bailey seconded, to approve the minutes as presented. The motion carried unanimously.

4. Resolution of Groundwater Management Area (GMA)14 regarding Reassignment of the Brazos Valley GCD in Brazos County to GMA 12

Chairman Ausley invited Alan Day to explain the resolution, which Mr. Day did. Chairman Ausley moved, and David Van Dresar seconded, to approve and sign the resolution as presented.

5. Update from Groundwater Conservation Districts of GMA 12 on joint planning and compliance with Chapter 36.108, State Water Code

Chairman Ausley invited each of the Districts to give updates of how their District is remaining compliant with the joint planning requirements of Chapter 36.108 of the Texas Water Code.

Gary Westbrook, General Manager of POSGCD presented information from POSGCD's 2012 Annual Report and current Management Plan. He then introduced Bobby Bazan of POSGCD who provided a breakdown of the total number of wells and monitor wells in each aquifer of the District. Mr. Westbrook then noted that POSGCD was working cooperatively with BVGCD on monitor wells and sharing information on those wells, and that soon POSGCD would hope to do the same with LPGCD. He then concluded by stating that the District's Management Plan and Annual Report, as well as all monitoring well information for POSGCD was available to the public on the District's website at www.posgcd.org .

Joe Cooper, General Manager of LPGCD reported on LPGCD permits and monitoring wells and activities, as well as expansion of the current monitoring well system of the District and that this information was available from the District. He also stated that LPGCD looked forward to working with their neighbors in sharing monitoring information.

David Bailey, General Manager of METGCD reported on the number of wells, monitoring wells, and permits in METGCD, and that the District continues to seek new wells to add to their monitoring network.

David Van Dresar of FCGCD reported on the number of monitor wells in the District, and that the District was actively seeking more. He also noted that water quality was an important issue for FCGCD and that the District was working cooperatively with the Texas Water Development Board (TWDB) and the United States Geologic Survey to monitor and report water quality.

Alan Day, General Manager of BVGCD, reported on the number of wells, monitoring wells, and permits issued in 2012, as well as an evaluation of current aquifer conditions compared to the District's DFCs and MAG. He also noted that BVGCD was seeking more monitoring wells, and had a desire to possibly convert abandoned oil and gas wells to monitor wells as had been accomplished by POSGCD.

Mr. Westbrook stated that POSGCD now required permits for Oil and Gas Well Frac stimulation and asked if other District's in GMA 12 did so, and how that might be accounted for in the DFC process. Brief discussion ensued.

6. Desired Future Conditions of aquifers in GMA 12

Chairman Ausley opened this item and invited representatives of the Districts to comment on whether they anticipated changes in the DFCs of the aquifers in their Districts. David Baily of METGCD stated that his District may need to adjust some of the DFCs due to some issues identified with the GAM. Gary Westbrook of POSGCD noted that his District had not identified any necessary changes to the District's DFCs, but that since POSGCD is in the middle of GMA 12, any changes of DFCs in neighbors formations would naturally affect POSGCD, and that POSGCD would work with their neighbors towards needed amendments. Alan Day of BVGCD noted that his District is continuing evaluations, but that no changes in DFCs for BVGCD had been identified to date. Joe Cooper of LPGCD noted that his District had identified several possible amendments which might be needed to the DFCs in the aquifers in LPGCD and that they were continuing to evaluate their situation. David Van Dresar of FCGCD stated that his District was continuing to evaluate the need to amend DFCs.

7. Process for addressing requirements of Chapter 36.108 in adopting Desired Future Conditions

Chairman Ausley opened this item and invited discussion on the requirements which now exist for the next round of the process of adopting DFCs. Gary Westbrook noted that there were requirements for this round which did not exist in the previous round of GMA 12 work and adoption of DFCs. Monique Norman read the requirements from Chapter 36.108 of the Texas Water Code (TWC) for all to hear and then commented on the process. Sarah Backhaus of TWDB provided comment on TWDBs role in the process, and noted that TWDB had provided documents at this meeting concerning the process and how GMAs were to submit DFCs, and the process that follows. Steve Young asked Monique Norman to outline the process necessary for the GMA in the DFC adoption process. She did so as she cited from TWC 36.108 again. Mr. Van Dresar asked about the anticipated date of the TWDB report on total usable water in aquifers. Shirley Wade of TWDB noted that this report should be out in the

Fall. Andy Donnelly asked about aquifer boundaries to be used in this and other TWDB reports. Mr. Van Dresar asked about additional details regarding the calculation of recoverable storage for the Carrizo-Wilcox formation and if fresh water and brackish groundwater would be accounted for separately, and noted that a more uniform definition of brackish groundwater was needed. Shirley Wade stated that TWDB had planned to calculate recoverable storage for the entire Carrizo-Wilcox formation and not by individual geological formations (a.k.a. Carrizo, Hooper, Simsboro, Calvert Bluff) and that there were not plans to partition the recoverable storage into fresh water and brackish water. Discussion ensued about who would write the necessary explanatory report for the DFCs which would be adopted. Chairman Ausley asked for comments from the consultants of the Districts in GMA 12. All agreed that they could work together as they had done in the past on GMA 12 issues to write the report. James Beach stated that the consultants of GMA 12 could work together to return a scope of work for this task for GMA 12 in 60-90 days. After discussion by the representatives of the GMA, Chairman Ausley moved to have the consultants work together to establish a scope of work for this process and return it to the GMA for consideration. Alan Day seconded and the motion passed unanimously.

8. Improvements to current Queen City-Sparta (Central Carrizo) Groundwater Availability Model

Chairman Ausley opened this item and invited discussion on the concerns of each District in GMA 12 with improvements to the current Queen City-Sparta (Central Carrizo) Groundwater Availability Model GAM. Gary Westbrook stated that each District had voiced interests about these improvements to date, including POSGCD, whose main concerns were groundwater-surface water interaction as well as the way the GAM performs in evaluating the faults in the area of the GAM in POSGCD. Joe Cooper asked if this work would lead to an improved GAM which would be recognized as the official State GAM for this area. Shirley Wade of TWDB explained the public process necessary for this to happen. Alan Day and John Seifert of BVGCD noted that they did not think the process of improvements to the GAM was a major process but rather a “tweaking” process. Mr. Cooper asked about the cost to the Districts to perform this work and Chairman Ausley inquired about the process and timing. James Beach stated that 3 to 6 months would be needed to assemble the data to be included in an update of the GAM, and that 5 to 6 months would be required to input the new data into the GAM. Steve Young explained that a part of this process had already taken place within the Districts.

9. Public Comment

Chairman Ausley invited anyone who wished to give public comment to state their name and address the representatives of the GMA. Keith Hansberger, Board member from LPGCD, addressed concerns with GMA 12 making changes to the GAM. Steve Box, Executive Director of Environmental Stewardship, addressed items contained in his written comments, filed with the GMA, which included addressing groundwater-surface water interaction and availability of water in the region. Curtis Chubb of the Central Texas Aquifers Coalition addressed the importance of the use of recharge, DFCs and Modeled Available Groundwater (MAG) in management of the aquifers, as well as conflicts of interest in the GMA. Bob Harden of R.W. Harden and Associates commented on the process and methods which might be used to update the GAM.

10. Agenda items for next meeting

Chairman Ausley invited input from the representatives of the Districts of GMA 12 for items to be included on the next GMA 12 Agenda. Items 6, 7, and 8 from today’s agenda were mentioned, as well as any other items which might be identified at a later date. The date for the next GMA 12 meeting would be determined at a later date and upon completion of the scope of work approved under item 7 of today’s agenda.

11. Adjourn

The meeting adjourned at 11:34 am.

THE ABOVE MINUTES OF THE MEETING OF GROUNDWATER MANAGEMENT AREA 12 HELD ON JULY 25, 2013 WERE APPROVED AND ADOPTED BY GMA 12 AT A MEETING ON DECEMBER 19, 2013.

ATTEST:

Mid-East Texas Groundwater Conservation District

Fayette County Groundwater Conservation District

Brazos Valley Groundwater Conservation District

Lost Pines Groundwater Conservation District

Post Oak Savannah Groundwater Conservation District