# Blanco-Pedernales Groundwater Conservation District

601 West Main, P.O. Box 1516, Johnson City, Texas 78636 (830) 868-9196 FAX (830) 868-0376 manager@blancocountygroundwater.org

August 26, 2010

Mr. J. Kevin Ward, Executive Administrator Texas Water Development Board P.O. Box 13231 Austin, TX 78711-3231 RECEIVED

'AUG 3 0 2010

TWCS

RE: GMA 9 Desired Future Conditions

Dear Mr. Ward,

Groundwater Management Area 9 (GMA 9) is pleased to submit the attached documents in support of our adoption of Desired Future Conditions (DFCs) for the following aquifers located within GMA 9.

### GMA 9 met on July 26, 2010 and adopted the following DFCs:

- Trinity Aquifer (Upper, Middle, and Lower undifferentiated) Allow for an increase in average drawdown of approximately 30 feet through 2060 consistent with "Scenario 6" in TWDB Draft GAM Task 10-005
- Edwards Group of the Edwards Trinity (Plateau) in Kendall and Bandera Counties Allow for no net increase in average drawdown in the Edwards Group of the Edwards-Trinity (Plateau) Aquifer in Kendall and Bandera Counties.

In addition, GMA 9 declared the Edwards Group of the Edwards Trinity (Plateau) to be "Not Relevant" in Kerr and Blanco Counties

# Additional information and rationales regarding the DFCs set for the Edwards Group of the Edwards Trinity (Plateau)

The DFC(s) set for the Edwards Group of the Edwards Trinity (Plateau) is a result of an appeal of the DFC originally set for that aquifer on August 29, 2008, which was: **allow for no net increase in average drawdown"** in the Edwards Group of the Edwards-Trinity (Plateau). In January 2010, the TWDB declared that DFC to be "not reasonable" because such a DFC was not attainable in that TWDB projections of future exempt well demands would not be met under such a DFC. As part of that decision, the TWDB recommendation to GMA 9 was that a more reasonable DFC for the Edwards Group would be to: "**Allow for 9 feet of increase in average drawdown (from current conditions)"** 

Since then, in accordance with Chapter 36 and TWDB Chapter 356 requirements, we have conducted a Public Hearing on the matter, discussed it at several GMA 9 Committee Meetings, and solicited additional oral and written public input as part of three Public Meetings held in Kerrville, Boerne, and Dripping Springs during June 2010 (see attachment).

In addition, the GMA 9 Committee considered and discussed a variety of topics involving the Edwards Group DFC: the TWDB's "not reasonable" decision; the TWDB recommendation to set 9 feet of drawdown as the DFC for the Edwards Group; extensive public input, the Regional Water Plans of Regions J, K, and L; local Groundwater Conservation District Groundwater

Management Plans; the relationship and interdependency of groundwater, springs, creeks, and rivers; local demographic and socio-economic considerations, environmental flow needs, and local hydrogeological characteristics.

The DFC decisions made by GMA 9 varied from the TWDB recommendation for allowing up to 9 feet of drawdown in the Edwards Group. Therefore, in accordance with TAC Chapter 356.46(e), GMA 9 provides the following rationales for varying from the TWDB recommendation:

### Blanco County Rationale

GMA 9 declared the portion of the Edward Group of the Edwards-Trinity (Plateau) located within Blanco County to be "not relevant". The rationale for this decision is based on TWDB GAM Run 08-90 which states:

"The Edwards Group of the Edwards-Trinity (Plateau) Aquifer also extends out to a small area in the central part of Blanco County. However, this portion of the aquifer was not considered in the calculation of managed available groundwater as the aquifer was considered to be too thin to be suitable for meaningful groundwater production."

The Blanco Pedernales Groundwater Conservation District agrees with the TWDB analysis and also notes that the District currently has no record of any well producing water from the Edwards Group, which is limited to an approximate thickness of 30-60 feet, and caps some of the hills in west-central Blanco County.

(This rationale provided by the Blanco Pedernales Groundwater Conservation District.)

### Kerr County Rationale

In the Headwaters Groundwater Conservation District (HGCD) Board meeting July 14, 2010, the Board voted to submit to the GMA 9 committee on July 26, 2010 a vote to declare the Edwards Group of the Edwards-Trinity (Plateau) Aquifer (the Edwards) not relevant at this time and no Desired Future Condition (DFC) set. The HGCD Board of Directors considered oral and written comments from the public meeting in Kerrville, along with a summation of other public comments heard in Boerne and Dripping Springs submitted by the GMA 9 coordinator.

In response to a petition filed regarding a DFC set by the GMA 9 committee on August 29, 2008, the Texas Water Development Board (TWDB) considered the "0" drawdown set for the Edwards through the year 2060. The TWDB concluded the "0" drawdown did not allow for future population growth resulting in more Exempt wells being drilled and produced. It further concluded that the original DFC was unreasonable because it could not be achieved. The TWDB also determined that the Edwards supplies less than 10 percent of all groundwater used in Kerr County. In its subsequent report, the TWDB recommended "an average drawdown of 9 feet in Kerr County" for the Edwards, which would allow for a Managed Available Groundwater volume of about 4,000 acre feet per year to accommodate the probable growth of Exempt pumping in the county.

The HGCD rules prohibit Non-exempt wells to be drilled in the Edwards. Only Exempt wells are allowed in this aquifer. They are not metered, and regulation of these wells is limited to spacing, pumping rate and construction. Thus, no accurate knowledge can be obtained of the current or future drawdown due to pumping from the Edwards, and HGCD has no authority to obtain this data without a change in state law.

At this time, the HGCD has only one measuring point in the Edwards to monitor any water well level relative to a DFC that might be set. Per Texas Water Code Chapter 36.1132, "a district, to the extent possible, shall issue permits up to the point that the total volume of groundwater permitted equals the MAG." This could become an issue if the district were given a MAG of 4,000 acre feet to permit when the district's rules do not allow Non-exempt wells to be drilled in the Edwards.

For these reasons, it is the rationale of HGCD that because the Edwards is considered to be less than 10 percent of the groundwater use in Kerr County and because the pumping is from Exempt wells used primarily for domestic and livestock, the Edwards should be declared not relevant. (This rationale provided by the Headwaters Groundwater Conservation District.)

### Kendall and Bandera Counties Rationale

Groundwater Management Area 9 (GMA 9) recently adopted the Desired Future Conditions (DFC's) for the aquifer systems within GMA 9. GMA 9 utilized a methodical process to engage and obtain public and stakeholder input, to evaluate the technical issues associated with potential DFC's, and to develop updated pumpage/usage estimates for each Groundwater Conservation District (GCD) within the GMA, before adopting these DFC's. In the process of reaching these consensus-based and thoughtful conclusions, GMA 9 has held numerous meetings, public forums, solicited public comments and in all cases carefully weighed the facts and information. The results of these efforts are reasonable, achievable, scientifically based and technically sound DFC's.

Throughout this nearly five (5) year process there were several common threads. The two most significant of these were to ensure that the final DFC's did not mine the aquifers and that spring flows, which sustain our Hill Country creeks, streams and rivers be considered and reasonably protected. Many of these springs originate from the Edwards Group of the Edwards-Trinity Plateau).

In the southern portion of GMA 9, the Edwards Group of the Edwards-Trinity (Plateau) (herein called Edwards), commonly analogous with the Fort Terrett Limestone, consists of a thin section of massively bedded limestone. Total thicknesses range from approximately 45' to 90', and the unit can be found in limited portions of western and northern Kendall and eastern and northern Bandera Counties. Contrastingly, in the northwestern portion of GMA 9 (Kerr County), the Edwards can be several hundred feet thick and it covers tens of thousands of acres, extending far west beyond Kerr County.

In the thicker Kerr portion of the Edwards, a 9-10 drawdown does not represent as significant a change in the overall water table as it does in the Kendall/Bandera portion. The Edwards in Kerr County also represents thicker production zone and a more viable source for exempt wells than drilling through this section to lower aquifers. The opposite generally holds true in the Kendall/Bandera portion where an exempt well can drill and case through the thinner Edwards and cost effectively reach lower aquifers.

The Edwards in Kendall and Bandera Counties has a very limited recharge zone, which essentially consists of the limits of the Edwards outcrop, found on the highest elevations in each county. Contrastingly, the recharge zone for the Kerr County section of the Edwards is vast. Due to the thinner section of Edwards and limited recharge zones in Kendall and Bandera Counties, the Edwards will be more sensitive to even limited increases in pumpage/withdrawals, than its counterpart in Kerr County. Finally, and most importantly the Edwards in Kendall and

in Bandera Counties does not share a significant hydrologic connection with its counterpart in Kerr County. Given these geologic truths the two resource areas, the Kerr County Edwards and the Kendall/Bandera County Edwards should be managed differently, with separate DFC's.

During the entire GMA process, public comments and stakeholder inputs have been in favor of protecting springs and base flows, including those from the Kendall and Bandera Edwards. In Kendall County the Edwards provides some of the county's most visible and valuable spring flows. Spring flows from the Edwards form the base flow for the Cibolo Creek and contribute a significant amount of base flow to the Guadalupe River. Flows to the Cibolo Creek provide year round flow to Boerne City Lake and ultimately large recharge features in southern Kendall and Northern Bexar Counties. These recharge features provide critical recharge back into the Trinity Aquifer System. Flows to the Guadalupe River ultimately flow to Canyon Lake which provides surface water across the region. These flows also provide recharge back into the Trinity Aquifer system in losing stretches of the Guadalupe River. In Bandera County, spring flow from the Edwards provides important base flow to numerous creeks and streams, including the Medina River. The spring flow to the Medina River provides important base flow to Medina Lake, which provides valuable surface water to agricultural and municipal interests in Bexar, Medina and Atascosa Counties.

The City of Boerne is the largest groundwater permittee in the Cow Creek Groundwater Conservation District (CCGCD). Boerne City Lake serves as the primary alternative water supply for the City of Boerne (Boerne). It has an annual firm yield of 833 acre-feet (AF). Boerne relies heavily on the lake during the summer months, when demands on the aquifer and groundwater resources are at their highest. Conversely, Boerne typically reduces their groundwater pumpage during summer months. By utilizing this management strategy, peak demands on the aquifer are reduced and other groundwater users within the CCGCD benefit. Boerne is able to implement this strategy because of the 833AF firm yield of the City Lake. This yield however is predicated on spring flows to the lake throughout the year. Flood flows into Boerne City Lake cause a spike in the magnesium levels in the lake water. This is due to increased magnesium levels in the flood flows themselves and by the agitation of sediments on the bottom of the lake. Currently, the lake is managed to allow these flood flows to be slowly released downstream, rather than be retained as part of the 833 AF annual firm yield. The impacts of residual magnesium are diluted by the introduction of fresh spring water into the Flood flows that are released downstream provide valuable environmental flows, nutrients to aquatic systems and ultimately recharge to other portions of the system.

The water treatment plant at the Boerne City Lake has been designed based on a year round water source dependant on fresh spring flows. If water levels in the Edwards were allowed to draw down it would have a significant impact on both the quantity and quality of the water in Boerne City Lake. A drawdown of 9-10 feet, such as that suggested by the Texas Water Development Board, would amount to a 20% or greater reduction in the water table associated with the springs that feed the Cibolo Creek. If this were to occur, Boerne would be faced with replacing water from the City Lake with groundwater, especially during the peak summer months when the impacts on springs would be greatest. This would have a compounding effect, placing escalating and increased pressure on the Middle Trinity Aquifer during the summer months when groundwater levels are typically at their lowest. Alternatively, Boerne could opt to continue to rely heavily on the lake, but they would be required to expand their water treatment capacity to adjust for the diminished water quality caused by the reduction of fresh spring water into the system. This would require significant upgrades or complete replacement of Boerne's existing water treatment plant. A replacement water treatment plant should reasonably be expected to range in the tens of millions of dollars. More flood flows would be captured to provide for the 833 AF firm yield, while downstream there would be reduced

environmental flows, diminished nutrients for aquatic systems and diminished recharge in southern Kendall and northern Bexar Counties.

Likewise, reductions in flows to Canyon and Medina Lakes would necessitate changes in the management of both of these lakes. Significant portions of the surface water in both lakes are obligated to supply municipal, agricultural, industrial, recreational and environmental uses. To date, management of these surface water resources has depended on the base flow provided by springs, many of which originate from the Edwards in Kendall and Bandera Counties. Reductions due to a drawdown of 9-10 feet will dramatically reduce these spring flows and just as in the case of Boerne City Lake necessitate changes in the management of these regionally critical surface water resources.

The CCGCD has a Board Order in place prohibiting any new wells in the Edwards. Recently adopted Cow Creek rules provide for protection of the Edwards, particularly the portion where Edwards springs feed Boerne City Lake.

In 2009, the TWDB approved the CCGCD Management Plan which called for zero drawdown in the Edwards Group of the Edwards-Trinity (Plateau).

Each of the aforementioned, if considered alone, would be enough to recognize the importance and the relevance of these Edwards discharges (springs). When considered collectively, they provide a preponderance of evidence to support the declaration of relevance and the establishment of a zero or no net increase in drawdown of the Edwards portion of the Edwards Trinity Aquifer in Kendall and Bandera Counties. A zero or no net increase in drawdown for Kendall and Bandera portions of the Edwards thereby represents the only reasonable and prudent Desired Future Condition that protects these critical springs and their contribution to the water resources in the region.

(This rationale provided by the Cow Creek Groundwater Conservation District.)

GMA 9 appreciates the assistance and advice that we have received from the TWDB, especially from Dr. Robert Mace, Dr. Bill Hutchison, Rima Petrossian, Ali Chowdhury, Robert Bradley, and other members of the TWDB staff. We look forward to continued cooperative efforts with the TWDB.

Please feel free to contact me if you or any of your staff have questions regarding this submission.

Sincerely yours,

Ronald G. Fieseler

General Manager, Blanco Pedernales GCD

GMA 9 Coordinator

Attachments:

Meeting Posting Notices

July 26, 2010 GMA 9 Meeting Minutes

GMA 9 Resolution # 072610-01

Summary of Total Public Comments Received June 2010

# Blanco-Pedernales Groundwater Conservation District

601 West Main, P.O. Box 1516, Johnson City, Texas 78636 (830) 868-9196 FAX (830) 868-0376 manager@blancocountygroundwater.org

# Groundwater Management Area #9 Joint Planning Meeting

### Monday, July 26, 2010 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Blanco-Pedernales Groundwater Conservation District will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### Agenda

- 1. Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of aquifers within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DFCs proposed for aquifers within GMA 9
  - (e) Designation of DFCs proposed for aquifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

General Manager, Blanco-Pedernales Groundwater Conservation District

The Blanco-Pedernales Groundwater Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at 830-868-9196 at least 24 hours in advance if accommodation is needed.

### NOTICE OF A GMA9 MEETING ATTENDED BY THE COW CREEK GROUNDWATER CONSERVATION DISTRICT KENDALL COUNTY, TEXAS

### Groundwater Management Area # 9 Public Meetings

Monday, July 26, 2010 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Cow Creek Groundwater Conservation District will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. The meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

- Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - i. public comments received by GMA 9 at three Public Meetings held in June 2010

ii. relevancy or non-relevancy of aquifers within GMA 9

Kendall County GAM Runs prepared by the TWDB for aquifers within GMA 9 iii. DARLENE HERRIN COUNTY CLERK

iv. Draft DFCs proposed for aquifers within GMA 9

On: 07/15/2010 4:15PH Designation of DFCs proposed for aquifers within GMA 9 v. By: Harriet P Seidensticker, Deputy

- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Cow Creek Groundwater Conservation District

Micah Vo

General Manager



# **Edwards Aquifer Authority**

1615 N. St. Mary's San Antonio, TX 78215 (210) 222-2204 FAX (210) 222-9748 rillgner@edwardsaquifer.org

## Groundwater Management Area # 9 Joint Planning Meeting

Monday, July 26, 2010 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Edwards Aquifer Authority will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:				
í.	Call to Order.  Agenda  LT1-86-14024-1			
2.	Introduction of Member District Representatives and other meeting attendees.			
3.	Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.			
4.	<ul> <li>(a) public comments received by GMA 9 at three Public Meetings held in June 2010</li> <li>(b) relevancy or non-relevancy of aquifers within GMA 9</li> <li>(c) GAM Runs prepared by the TWDB for aquifers within GMA 9</li> <li>(d) Draft DFCs proposed for aquifers within GMA 9</li> <li>(e) Designation of DFCs proposed for aquifers within GMA 9</li> </ul>			
5.	Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.			
6.	Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.			
7.	Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.			
8.	Return to Open Meeting following the Recess.			
9.	Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.			
Car the	me to hand and posted on a Bulletin Board in the Courthouse, County, Texas, on this, day of July, 2010 atm.			
	, Deputy Clerk			
	County, TEVAC			

County, TEXAS

Assistant to Board Secretary, Edwards Aquifer Authority

# B: ndera County River Authority and Groundwater District

440 FM 3240 Bandera, Texas 78003 (830) 796-7260 FAX (830) 796-8262 djeffery@bcragd.org

### Groundwater Management Area #9 Joint Planning Meeting

### Monday, July 26, 2010 10:00 a,m,

Notice is liven that one or more members of the Board of Directors and/or their designated representatives a depr Staff of t : Bandera County River Authority and Groundwater District will attend a meeting of Groundwater Conserve on Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discus ang and/or conducting joint planning in compliance with the requirements of HB 1763, which was a saed during th 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditoriu n, located: 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes

### Agenda

- 1. Call to Order.
- 2. Intreduction of Member District Representatives and other meeting attendees.
- 3. Con der Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21 23, and 14, 2010.
- 4. Con der:
  - a) public comments received by GMA 9 at three Public Meetings held in June 2010
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  - 1) Draft DFCs proposed for aquifers within GMA 9
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- 5. Con der GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- Con der tasking the GMA 9 Technical Group with preparing recommendations on monitoring stratigies, Groundwater Management Plan goals and objectives, and other relevant tasks to aid: GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Rec as Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Disc. ssion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed imn : diately by Adjournment.

Posted Cotthe Front Unor of the District Office,	140 FM 3240, Bandera, Texas, and at the Bandera	
County ourthouse, Bandera, Texas, on this, the	day of July 20 FRED ML	
a.m. / p.m.	ATIN: O'CLOCK A. IVI.	UN

JUL 13 20 D

General 'Ianager, Bandera County River Authority and Groundwater District BANDERA COUNTY TEXAS

The Band is County River Authority and Groundwater District is committed to compliance with the Americans with District and District is committed to compliance with the Americans with District and Dis Act (ADF) Reasonable accommodations and equal opportunity for effective communications will be provided upon recuest.

Please co-ract the District office at 830-796-7260 at least 24 hours in advance if accommodation is needed.

### **NOTICE OF OPEN MEETINGS**

### Groundwater Management Area # 9 Joint Planning Meeting

### Monday, July 26, 2010 at 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Barton Springs Edwards Aquifer Conservation District will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

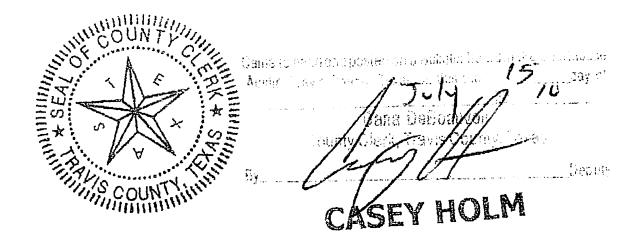
### Agenda

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  - iii. GAM Runs prepared by the TWDB for aquifers within GMA 9
  - iv. Draft DFCs proposed for aquifers within GMA 9
  - v. Designation of DFCs proposed for aquifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Came to hand and posted on a Bulletin Board in the Courthouse, Tray's County, Texas, on this, the 15<sup>th</sup> day of July. 2010, at 15<sup>th</sup> .m.

\_\_\_\_\_, Deputy Clerk Travis County, TEXAS

CASEY HOLM



# FILED AND RECORDED

OFFICIAL PUBLIC RECORDS

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Jul 15, 2010 01:54 PM

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HOLMC: \$3.00

Dana DeBeauvoir, County Clerk

Travis County TEXAS



Notice of Groundwater Management Area #9 Joint Planning Meeting:

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Hays Trinity Groundwater Conservation District will attend only or more meetings of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 28, 2010 at 10:00 a.m. for the following purposes:

Date: Monday, July 26, 2010, 10:00 a.m. Piace: Boerne High School Auditorium Location: 1 Greyhound Lane, Boerne, Texas

Accepted for Filing in: Hays County On: Jul 13,2010 at 04:01P By, Rose Robinson

### Agenda

- 1. Call to Order.
- Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
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- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

#### Adjourn

The Board of Directors of the Hays Trinky Conservation District reservate the right to go into Executive Session at any time during the course of the meeting to discuss any of the matters insted on this agenda, as suthertized by the Texas Open Moetings Act, Chapter 651, Government Code. No final ection or decision will be made in Executive Session.

The Heya Tricity Groundwater Consorvation District is committed to compliance with the Americans with Distriction Act (ADA). Resmonable accommissions and equal opportunity for effective communications will be provided upon request, Please contact, the District office at \$12-668-8259 at least 24 hours in adversor if some manufacture in an expect.

This notice has been posted on a bulletin board at a place convenient to the public in the Heye County County County card outside the main enterance to the District offices not less than stree (3) days prior to the actualled resetting to accordance with the provisions of the Texas Open Meetings Act, Chapter 651, Government Code.

Possed by: Black D. Broun

### TRANSMISSION VERIFICATION REPORT

TIME : 07/13/2010 15:55 NAME : HAYS TRINITY GCD FAX : 5128582384 TEL : 5128589253 SER.# : C8J257986

DATE, TIME FAX NO./NAME DURATION

07/13 15:54 15123937332 00:00:26 02 OK STANDARD ECM



# **FAX**

Date:

7/13/2010

To:

Hays County Clerk's Office: Attn: Lynn Curry

Fax No.:

1-512-393-7332

From:

Rick Broun

No. Pages: (Including cover page)

Comments:

Lynn,

Please post this GMA# 9

Thank you,

Rick Broun General Manager **Hays Trinity Groundwater Conservation District** 

### HEADWATERS GROUNDWATER CONSERVATION DISTRICT

125 Lehmann Dr. Ste. 102 Kerrville, Texas 78028 (830) 896/4110 Fax (830) 257/3201 e-mail hgcd@hgcd.org

#### Groundwater Management Area #9 Joint Planning Meeting

#### Monday, July 26, 2010 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Headwaters Groundwater Conservation District will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### Agenda

- 1. Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of aquifers within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DFCs proposed for aquifers within GMA 9
  - (c) Designation of DFCs proposed for aquifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

This notice is published pursuant to the Texas Open Meeting Act, Chapter 551, and Texas Government Code, Dated this15th day of July 2010

I hereby certify that the above Notice of Meeting of the Board of Directors for Headwaters Groundwater Conservation District is a true and correct copy of said Notice; that a true and correct copy of said Notice was posted on July 15, 2010 by 5:00 PM, in its administrative office in Kerrville, Kerr County, Texas at a place convenient and readily accessible to the general public at all times; that a true and correct copy of said Notice was furnished to the County Clerk of Kerr County; the HGCD Website <a href="www.hgcd.org">www.hgcd.org</a> and that a copy of said Notice was furnished to each Director.

Gene Williams, General Manager

Headwaters Groundwater Conservation District

# Groundwater Management Area # 9 Joint Planning Meeting

### Monday, July 26, 2010 10:00 a.m.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Medina County Groundwater Conservation District will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### Agenda

- 1. Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of aquifers within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DFCs proposed for aquifers within GMA 9
  - (e) Designation of DFCs proposed for aquifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Posted at the District Office, 1613 Ave. K, Ste. 105 Hondo, Texas, and at the Medina County Courthouse, Hondo, Texas, on this, the 1544 day of 2010, at \_\_\_\_\_\_ 2010, at \_\_\_\_\_\_ a.m. / p.m.

General Manager, Medina County Groundwater Conservation District

POSTED IN MY OFFICE LISA J. WERNETTE

JUL 16'10 PM -2 20

COUNTY CLERK, MEDINA CO.

COMAL CTY CLERK

Ø 002/002

Jul 19 2010 12:28

Trinity Glen Rose GCD

210.698.1159

P.2

Trinity Glen Rose Groundwater Conservation91 6335 Camp Bullis Rd. Suite #25 San Antonio, Texas 78257 (210) 698-1155 Fax (210) 698-1159

# Groundwater Management Area Joint Planning Meeting Y CLERE

### Monday, July 26, 2010 10:00 A.M.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Trinity Glen Rose Groundwater Conservation District (TGRGCD) will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Logislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Tous on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### <u>Agenda</u>

- 1. Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of squifers within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DFCs proposed for aquifers within GMA 9
  - (e) Designation of DFCs proposed for equifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Mamber Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Posted at the TGRGCD office, TGRGCD Website and the Bexar County, Kendall County and Comal County Courthouses, on this, the 19 day of July, 2010.

George Wissmann, Manager

Trinity Glen Rose Groundwater Conservation District

The Trinity Glen Rose Groundwater Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District Representative at 210-219-5555 at least 24 hours in advance if accommodation is needed.

ceived Fax :

Fax Station : Trinity Glen Rose GCD Jul 19 2010 12:05

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FAX NO. :8302493472

Jul. 19 2010 11:20AM

Jul 19 2010 11:48

Trinity Glen Rose GCD

210.698.1159

p.2

# Trinity Glen Rose Groundwater Conservation District 6335 Camp Bullis Rd. Suite #25 San Antonio, Texas 78257 (210) 698-1155 Fax (210) 698-1159

# Groundwater Management Area Joint Planning Meeting

# Monday, July 26, 2010 10:00 A.M.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Trinity Glen Rose Groundwater Conservation District (TGRGCD) will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greybound Lane, Buerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### Agenda

Kendall County DARLENL HERRIH COUNTY CLERK

- 2. Introduction of Member District Representatives and other meeting attenders. Harrist P Seidensticker: Deputy
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
- (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of aquifers within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DPCs proposed for squifers within GMA 9
  - (c) Designation of DFCs proposed for aquifers within GMA 9
- 5. Consider GMA 9 Resolution 072610-1 setting DPCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Diatricts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Posted at the TGRGCD office, TGRGCD Website and the Bexar County, Kendall County and Comal County Courthouses, on this, the 19 day of July, 2010.

George Wissmann, Manager

Trinity Glen Rose Groundwater Conservation District

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## Trinity Glen Rose Groundwater Conservation District 6335 Camp Bullis Rd. Suite #25 San Autonio, Texas 78257 (210) 698-1155 Fax (210) 698-1159

### Groundwater Management Area Joint Planning Meeting

Monday, July 26, 2010 10:00 A.M.

Notice is given that one or more members of the Board of Directors and/or their designated representatives and/or Staff of the Trinity Glen Rose Groundwater Conservation District (TGRGCD) will attend a meeting of Groundwater Conservation Districts which are located within the State of Texas Groundwater Management Area #9 for purposes of discussing and/or conducting joint planning in compliance with the requirements of HB 1763, which was passed during the 2005 Texas Legislative Session. This meeting will be held at the Boerne High School Auditorium, located at 1 Greyhound Lane, Boerne, Texas on Monday, July 26, 2010 at 10:00 a.m. for the following purposes:

### Agenda



- 1. Call to Order.
- 2. Introduction of Member District Representatives and other meeting attendees.
- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010.
- 4. Consider:
  - (a) public comments received by GMA 9 at three Public Meetings held in June 2010
  - (b) relevancy or non-relevancy of aquifors within GMA 9
  - (c) GAM Runs prepared by the TWDB for aquifers within GMA 9
  - (d) Draft DFCs proposed for aquifers within GMA 9
  - (e) Designation of DFCs proposed for aquifors within GMA 9
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- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts.
- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting.
- 8. Return to Open Meeting following the Recess.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment.

Posted at the TGROCD office, TGROCD Website and the Bexar County, Kendall County and Comal County Courthouses, on this, the 19 day of July, 2010.

George Wissmann, Manager

Trinity Glen Rose Groundwater Conservation District

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> Doc# 14814 Fees; Dock 14014 Feeb: \$2.00 97/19/2010 11:30AH # Pages 1 Filed & Reoproded In the Official Public GERGRD RICKHOFF COUNTY CLERK

# Groundwater Management Area # 9 Joint Planning Meeting

### **Minutes**

# Thursday, July 26, 2010 – 10:00 a.m. Boerne High School Auditorium, 1 Greyhound Lane, Boerne, Texas

- 1. Call to Order. Ron Fieseler, GMA 9 Coordinator, called the meeting to order at approximately 10:00 a.m.
- 2. Introduction of Member District Representatives and other meeting attendees. The attending Board Presidents or Designated Representatives introduced themselves:
  - Blanco-Pedernales Groundwater Conservation District Neill Binford, Pres.
  - Bandera County River Authority and Groundwater District Jim Chastain, Pres.
  - Medina County Groundwater Conservation District Tommy Boehme, Pres.
  - Hays-Trinity Groundwater Conservation District Jimmy Skipton, Pres.
  - Barton Springs/Edwards Aquifer Conservation District Brian Hunt, P.G. and DR
  - Cow Creek Groundwater Conservation District Micah Voulgaris, DR.
  - Trinity-Glen Rose Groundwater Conservation District Jorge Gonzalez, DR
  - Headwaters Groundwater Conservation District Gene Williams, GM and DR
  - Edwards Aquifer Authority Luana Buckner, Chairman.

Other Elected Officials in the audience were introduced.

- 3. Consider Minutes of GMA 9 Meeting of June 3, 2010, and GMA 9 Public Meetings of June 21, 23, and 24, 2010. The Minutes were approved by consensus with one change.
- 4. Consider:
  - i. public comments received by GMA 9 at three Public Meetings held in June 2010 The GMA 9 Committee discussed and considered public comments received during June 2010.
  - ii. relevancy or non-relevancy of aquifers within GMA 9

    The GMA 9 Committee discussed and considered the proposal to a

The GMA 9 Committee discussed and considered the proposal to declare the Edwards Group of the Hill Country Trinity Aquifer "relevant" or "not relevant".

iii. GAM Runs prepared by the TWDB for aquifers within GMA 9

The GMA 9 Committee discussed and considered TWDB GAM Runs and various pumping/drawdown scenarios.

iv. Draft DFCs proposed for aquifers within GMA 9

The GMA 9 Committee discussed and considered a variety of DFC proposals.

v. Designation of DFCs proposed for aquifers within GMA.

Following discussion and due consideration of the current and future needs and conditions of the aquifers in question, the current and projected groundwater demand estimates from local GCDs, the TWDB, and Regional Water Planning Groups J, K, and L, and the potential effects on springs, and surface water for DFCs set through the year 2060, the following motions were made:

### Motion #1:

Moved by Tommy Boehme and seconded by Gene Williams to designate the following Desired Future Condition through the year 2060 for the Trinity aquifer located in GMA 9:

Hill Country Trinity Aquifer -

allow for an increase in average drawdown of approximately 30 feet through 2060 consistent with "Scenario 6" in TWDB Draft GAM Task 10-005

the vote on the motion was 8 ayes, 1 nays, and 0 abstentions, and the Motion Passed.

Jimmy Skipton, HTGCD Ayes:

Neill Binford, BPGCD Gene Williams, HGCD Micah Voulgaris, CCGCD Luana Buckner, EAA Tommy Boehme, MCGCD Brian Hunt, BSEACD Jorge Gonzales, TGRGCD

Jim Chastain, BCRAGD Nays

#### Motion #2

Moved by Gene Williams and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Kerr County as a not-relevant aquifer:

the vote on the motion was 7 ayes, 2 nays, and 0 abstentions, and the Motion Passed.

Ayes: Jimmy Skipton, HTGCD

Gene Williams, HGCD Luana Buckner, EAA Tommy Boehme, MCGCD Brian Hunt, BSEACD Jorge Gonzales, TGRGCD Jim Chastain. BCRAGD

Nays Neill Binford, BPGCD

Micah Voulgaris, CCGCD

### Motion #3

Moved by Micah Voulgaris and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Kendall County as a relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

Jimmy Skipton, HTGCD Ayes:

> Neill Binford, BPGCD Gene Williams, HGCD Micah Voulgaris, CCGCD Luana Buckner, EAA Tommy Boehme, MCGCD Brian Hunt, BSEACD Jorge Gonzales, TGRGCD

Jim Chastain. BCRAGD

### Motion #4

Moved by Jim Chastain and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Bandera County as a relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

Jimmy Skipton, HTGCD Ayes:

> Neill Binford, BPGCD Gene Williams, HGCD Micah Voulgaris, CCGCD

Luana Buckner, EAA Tommy Boehme, MCGCD Brian Hunt, BSEACD Jorge Gonzales, TGRGCD Jim Chastain. BCRAGD

### Motion #5

Moved by Micah Voulgaris and seconded by Jim Chastain to designate the following Desired Future Condition through the year 2060 for the Edwards Group of the Hill Country Aquifer located in Kendall and Bandera County:

• Edward Group of the Edwards Trinity (Plateau) – no net increase in average drawdown for those portions located in Kendall and Bandera County

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

Ayes: Jimmy Skipton, HTGCD

Neill Binford, BPGCD
Gene Williams, HGCD
Micah Voulgaris, CCGCD
Luana Buckner, EAA
Tommy Boehme, MCGCD
Brian Hunt, BSEACD
Jorge Gonzales, TGRGCD
Jim Chastain, BCRAGD

#### Motion #6

Moved by Neill Binford and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Blanco County as a not-relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

Ayes: Jimmy Skipton, HTGCD

Neill Binford, BPGCD Gene Williams, HGCD Micah Voulgaris, CCGCD Luana Buckner, EAA Tommy Boehme, MCGCD Brian Hunt, BSEACD Jorge Gonzales, TGRGCD Jim Chastain, BCRAGD

- 5. Consider GMA 9 Resolution 072610-1 setting DFCs for aquifers within GMA 9. Following the Motions made under Agenda Item 4(v), the votes were recorded and memorialized on GMA 9 Resolution 072610-01 and the Resolution was adopted by concensus.
- 6. Consider tasking the GMA 9 Technical Group with preparing recommendations on monitoring strategies, Groundwater Management Plan goals and objectives, and other relevant tasks to aide GMA 9 and its Member Districts in ongoing cooperative regional groundwater planning efforts. The GMA 9 Committee considered various tasks that the GMA 9 Technical Group might be assigned. The following tasks were assigned: (1) develop monitoring strategies, (2) consider Groundwater Management Plans goals and objectives, (3) work on auditing 2008/2010 GMA 9 pumping by GCDs.

- 7. Recess Meeting to prepare and print Minutes of this July 26, 2010 meeting. The GMA 9 Committee recessed from Open Meeting at 11:55 a.m. to allow the GMA 9 Coordinator time to prepare and print the Minutes of this meeting.
- 8. Return to Open Meeting following the Recess. The GMA 9 Committee returned to Open Meeting at 2:00 p.m.
- 9. Discussion and possible action on the Minutes of the July 26, 2010 GMA 9 Meeting followed immediately by Adjournment. The Minutes of the July 26, 2010 GMA 9 Meeting were approved by consensus and the Meeting was immediately adjourned at approximately 2:15 pm with no further business being transacted.

Approved by GMA-9 Consensus	July 26	, 2010
Apployed by GiviA-9 Collections	July 20	, 2010.

Attest: Ronald G. Fieseler

Attest: Luana Buckner

STATE OF TEXAS	§	
	§	<b>RESOLUTION # 072610-01</b>
GROUNDWATER	§	
MANAGEMENT AREA 9	§	

# Designation of Desired Future Conditions For Groundwater Management Area 9 Aquifers

WHEREAS, Groundwater Conservation Districts (GCDs) located within or partially within Groundwater Management Area 9 (GMA 9) are required under Chapter 36.108, Texas Water Code to conduct joint planning and designate the Desired Future Conditions of aquifers within GMA 9 and;

WHEREAS, the Board Presidents or their Designated Representatives of GCDs in GMA 9 have met as a Committee in various meetings and conducted joint planning in accordance with Chapter 36.108, Texas Water Code since September 2005 and;

WHEREAS, GMA 9, having given proper and timely notice, held an open meeting of the GMA 9 Committee on July 26, 2010 at the Boerne High School Auditorium, 1 Greyhound Lane, Boerne, Texas and;

WHEREAS, since September 20, 2005, GMA 9 has solicited and considered public comment at various GMA 9 Committee meetings, at nine special Public Meetings, one Public Hearing on the Edwards Group of the Edwards Trinity (Plateau), and from a stakeholders section in the University of Texas at Austin LBJ School of Public Affairs Policy Research Project Report 161, and;

WHEREAS, the GMA 9 Committee received and considered technical advice regarding local aquifers, hydrology, geology, recharge characteristics, local groundwater demands and usage, population projections, ground and surface water inter-relationships, and other considerations that affect groundwater conditions from the Texas Water Development Board (TWDB), Regional Water Planning Groups J, K, and L, consultants, hydrologists, geologists, and other groundwater professionals, and;

WHEREAS, following public discussion and due consideration of the current and future needs and conditions of the aquifers in question, the current and projected groundwater demand estimates from local GCDs, the TWDB, and Regional Water Planning Groups J, K, and L, and the potential effects on springs, surface water, habitat, and water-dependent species for DFCs set through the year 2060, the following motions were made:

#### Motion #1:

Moved by Tommy Boehme and seconded by Gene Williams to designate the following Desired Future Condition through the year 2060 for the Trinity aquifer located in GMA 9:

Hill Country Trinity Aquifer allow for an increase in average drawdown of approximately 30 feet through 2060 consistent
 with "Scenario 6" in TWDB Draft GAM Task 10-005

the vote on the motion was 8 ayes, 1 nays, and 0 abstentions, and the Motion Passed.

### Motion #2

Moved by Gene Williams and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Kerr County as a not-relevant aquifer:

the vote on the motion was 7 ayes, 2 nays, and 0 abstentions, and the Motion Passed.

### Motion #3

Moved by Micah Voulgaris and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Kendall County as a relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

#### Motion #4

Moved by Jim Chastain and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Bandera County as a relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

#### Motion #5

Moved by Micah Voulgaris and seconded by Jim Chastain to designate the following Desired Future Condition through the year 2060 for the Edwards Group of the Hill Country Aquifer located in Kendall and Bandera County:

• Edward Group of the Edwards Trinity (Plateau) – no net increase in average drawdown for those portions located in Kendall and Bandera County

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed.

#### Motion #6

Moved by Neill Binford and seconded by Luana Buckner to declare the Edwards Group of the Hill Country Aquifer located in Blanco County as a not-relevant aquifer:

the vote on the motion was 9 ayes, 0 nays, and 0 abstentions, and the Motion Passed, and,

Whereas, the above Motions and votes of each Committee Member have been recorded in the Minutes of the July 26, 2010 GMA 9 Committee Meeting,

NOW THEREFORE BE IT RESOLVED, Groundwater Management Area 9 Committee Members present and voting on July 26, 2010 do hereby document, record, and confirm the above described Motions and votes.

Approved by consensus and signed on July 26, 2010 by the following Voting GMA 9 Committee Members,

1 fell 2002
Neill Binterd - President of the Blanco Pedernales GCD
alcat
Jim Chastain President of the Bandera County River Authority and Groundwater Conservation District
Towns Bochme
Tommy Boehme President of the Medina County GCD
J-Sue
Jimmy Skipton - President of the Hays Trinity GCD
2-14
Brian Hunt - Designated Representative for the Barton Springs/Edwards Aquifer Conservation District
Micah Ve
Micah Voulgaris - General Manager and Designated Representative for the Cow Creek GCD
Jorge N. Gonzale
Jonge Gonzales - Vice President and Designated Representative for the Trinity Glen Rose GCD  Waru Die Gonzales - Vice President and Designated Representative for the Trinity Glen Rose GCD
Luana Buckner - Chairman of the Edwards Aquifer Authority
Empige.

Gene Williams - Designated Representative for the Headwaters GCD

# Summary of Public Comments Received

# GMA-9 Public Meetings Kerrville, Monday June 21, 2010 Boerne, Wednesday June 23, 2010 Dripping Springs, Thursday, June 24,2010

# Oral and Written Comments Interpretive Tally Sheet Total of 76 Submissions

<b>DFC</b> No net increase in average drawdown through 2060	Edwards Group 20
No more than a 9' increase in average drawdown through 2060	0
Declare the Edwards Group "not relevant" for all or part of GMA 9	3
No Specific DFC Recommendation	53
<u>DFC</u>	Trinity Aquifer
No net increase in average drawdown through 2060	35
No more than a 20' increase in average drawdown through 2060 (Scenario 5)	11
No more than a 30' increase in average drawdown through 2060 (Scenario 6)	2
No more than a 40' increase in average drawdown through 2060 (Scenario 7)	6
None stated, but comments trending toward no net increase in average drawdown through 2060	5
None stated, but comments trending toward 20'-30'-40' increase in average drawdown through 2060	4
Other Recommendation (% of rainfall, recharge, spring flow, etc.	c.) 5
No Specific DFC Recommendation	8