

Victoria County Groundwater Conservation District



Directors:

Mark Meek
President

Jerry Hroch
Vice-President

Barbara Dietzel
Secretary

Thurman Clements
Kenneth Eller

NOTICE OF MEETING

VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT BOARD OF DIRECTORS

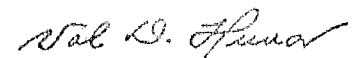
NOTICE IS GIVEN IN ACCORDANCE WITH CHAPTER 551, GOVERNMENT CODE (V.T.C.A) TEXAS OPEN MEETING ACT, that the Victoria County Groundwater Conservation District Board of Directors will attend a Meeting, as required by section 36.108(e), Texas Water Code, of the Central Gulf Coast Aquifer Groundwater Management Area 15 Planning Committee, comprised of delegates from the following groundwater conservation districts located wholly or partially within Groundwater Management Areas 15: Evergreen UWCD, Goliad County GCD, Refugio GCD, Bee GCD, Coastal Plains GCD, Coastal Bend GCD, Fayette County GCD, Pecan Valley GCD, Victoria County GCD, Texana GCD, and Lavaca GCD will be held on Wednesday, May 27, 2009, at 9:30 a.m. in the Patti Dodson Health Center, Classroom #108-A, 2805 North Navarro St., Victoria, Texas for the purpose of

To attend joint planning committee meeting for discussion of Desired Future Conditions of the Gulf coast Aquifer within GMA 15 .


Tim Andruss, General Manager

FILED

2009 MAY 22 AM 11:26


COUNTY CLERK
VICTORIA COUNTY, TEXAS
by Ronnie Orsak

72 Hour Notice 5-22-09

(In accordance with Title III of the American with disabilities Act, we invite all attendees to advise us of any special accommodations due to disability. Please submit your request as far as possible in advance of the programs you wish to attend.)

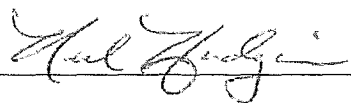

Deputy

Notice of Open Meeting

As required by section 36.108(e), Texas Water Code, a meeting of the Groundwater Management Area 15 Planning Committee, comprised of delegates from the following groundwater conservation districts located wholly or partially within Groundwater Management Area 15: Coastal Bend GCD, Coastal Plains GCD, Colorado County GCD, Fayette County, Lavaca County GCD, Texana GCD, Victoria County GCD, Refugio County GCD, Pecan Valley GCD, Goliad County GCD, Evergreen UWCD, Bee County GCD, and the Corpus Christi Aquifer Storage and Recovery District will be held on Wednesday, May 27, 2009, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

At this meeting, the following business may be considered and recommended for action:

1. Welcome and Introductions
2. Public comments
3. Review and consider approval of GMA 15 minutes for meeting held on 3/26/09.
4. Brief overview of the completed LCRB Groundwater Model that could be utilized for Wharton and Matagorda Counties in joint planning process. Report by Steve Young, URS Corporation
5. Discussion and Possible Action regarding Desired Future Conditions of the Gulf Coast Aquifer for GMA 15 including but not limited to the following topics:
 - a. Discussion of Draft DFCs from member districts and for unprotected areas without a GCD
 - b. Discussion with TWDB representatives regarding Draft DFCs and their ability to run the Central GAM to produce a Draft MAG
 - c. Review and Discuss Voting Roster and Representatives of GMA 15.
 - d. Review meeting schedule through September 2010.
6. Public comments
7. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

FILED

2009 MAY 22 AM 11:28

Val D. Luna
COUNTY CLERK
VICTORIA COUNTY, TEXAS

by Ronnie Orsch Deputy

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	1
Item Title:	Welcome and Introductions
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	2
Item Title:	Public Comments
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	

Meeting Management - Pre-Meeting Detail View

Meeting Item Details			
Item ID:	3		
Item Title:	Review and consider approval of GMA 15 minutes for meeting held on 3/26/2009		
Management Discussion:			
Management Recommendation:			
Financial Details:			
Related Documents:	<table border="1"><tr><td><i>Document Title:</i></td><td>GMA 15 Meeting Minutes for 3/26/2009 - Dr...</td></tr></table>	<i>Document Title:</i>	GMA 15 Meeting Minutes for 3/26/2009 - Dr...
<i>Document Title:</i>	GMA 15 Meeting Minutes for 3/26/2009 - Dr...		

Groundwater Management Area 15

GMA 15 meeting convened in the Pattie Dodson Health Center, 2805 N. Navarro St., Victoria, Texas, Classroom 108A at 9:30 a. m. on March 26, 2009

Present: **Lonnie Stewart**, Bee GCD
Neil Hudgins, Coastal Plains GCD and Coastal Bend GCD
Ronald Gertson, Coastal Bend GCD
Jim Brasher, Colorado County GCD
Bob Pickens, Colorado County GCD
David Van Dresar, Fayette County GCD
Art Dohmann, Goliad County GCD
Larry Svetlik, Lavaca County GCD
Garrett Engelking, Refugio GCD
Tim Andruss, Victoria County GCD

Agenda Item 1: WELCOME AND INTRODUCTION

Neil Hudgins called the meeting to order at 9:35 a.m. and welcomed guests. The following individuals were in attendance:

Steve Young – URS,
Katrina Newsom – Corpus Christi Water Department,
Landon Yokso – San Antonio River Authority,
Venki Uddameri – TAMUK,
Bill Richter – Texas Water Alliance,
Ali Chowdhury – TWDB,
Sarah Backhouse – TWDB,
Jerry James – City of Victoria,
James Dodson – Goliad Sands, Ltd.,
Andy Donnelly – DB Stephens
Jan Eager – Victoria County GCD
Barbara Dietzel – Victoria County GCD
Arlene Marshal – Calhoun County

Agenda Item 2: PUBLIC COMMENT

Bill Richter provided comments on the SB 1238 and the trend toward regionalization.

Agenda Item 3: MINUTES

The meeting minutes for the GMA 15 meetings held on April 23, 2008 and November 5, 2008 were reviewed.

MOTION: Lonnie Stewart moved to accept and approve the minutes of GMA 15 meetings held on April 23, 2008 and November 5, 2008. Garrett Engelking seconded the motion. The motion passed unanimously.

Groundwater Management Area 15

Agenda Item 4: REPORT FROM TEXAS WATER DEVELOPMENT BOARD ON GAM RUN 08-56 RESULTS

Ali Chowdhury, Ph.D., P.G., Hydrogeologist for the Texas Water Development Board provided a handout on GAM Run 08-56 Model Results Groundwater Management Area 15.

Dr. Chowdhury reviewed the results of the GAM run and provided explanation for the following:

1. Pumping volumes requested for GAM run 08-56;
2. Baseline pumping distribution within the GAM;
3. GAM Run pumping distribution within the GAM;
4. Water levels at the end of the calibration period and the end of the simulation period for each aquifer component;
5. Simulated water level declines by aquifer component;
6. Average simulated water level declines by county and aquifer component;
7. Summary of previous GAM run statistics by county and aquifer component.

Tim Andruss requested that TWDB provide minimum and maximum drawdown statistics for GAM runs. TWDB agreed to provide the statistics for GAM 08-56.

Dr. Chowdhury agreed to investigate the causes of the simulated drawdown in the Jasper Aquifer.

Ronald Gertson requested that TWDB provide a template for submitting DFC statements. TWDB agreed to provide a template.

MOTION: Tim Andruss moved that each GCD provide a draft DFC statement to Neil Hudgins by May 1, 2009. David Van Dresar seconded the motion. The motion passed unanimously.

Agenda Item 5a: DISCUSSION TO GATHER CONSENSUS ON DEVELOPING / PUBLISHING AGENDAS, MINUTES, AND ANY OTHER MEETING DOCUMENTATION; WEBSITE POSTING AND PROPER STORAGE OF SUCH DOCUMENTATION

GAM 15 requested that TWDB consider allowing GMA 15 to use the TWDB's web page for GMA 15 as a site to store and update content for GMA 15.

Tim Andruss offered to construct and maintain a web page for GMA 15 on the VCGCD website in the event that TWDB may be unable to provide this service to GMA 15.

Groundwater Management Area 15

Agenda Item 5.b: DISCUSSION ON THE DFC ADOPTION AND SUBMITTAL PROCESS

Tim Andruss agreed to develop a proposed schedule of GMA 15 meetings and major milestones for consideration by GMA 15.

Agenda Item 5.c: DISCUSS AND COMPILE PRELIMINARY DFC STATEMENTS FROM GMA 15 GCD's THAT COULD BE INCLUDED IN A DRAFT DFC GAM RUN

Tabled until next meeting.

Agenda Item 5.d: DISCUSS DFC STATEMENTS AND THE FORMAT IN WHICH THEY WILL BE SUBMITTED

Tabled until next meeting.

Agenda Item 5.e: DISCUSS POSSIBILITY OF EMPLOYING CONSULTANT TO DRAFT DFC FOR GMA 15

A discussion was held in regards to employing a consultant to draft DFC for GMA 15. A consensus was reached among GMA 15 to not employ a consultant.

Agenda Item 5.f: CONSIDER ANY FUTURE GAM RUN REQUESTS

Tabled until next meeting.

Agenda Item 5.g: DISCUSSION ON DEVELOPING MEETING SCHEDULE THROUGH SEPTEMBER 2010

The next GMA 15 meeting will be held on May 6, 2008 at 9:30 a.m.

Agenda Item 6: PUBLIC COMMENT

James Dodson commented that he would like to see consistency in the GCD's determining a DFC statements.

Agenda Item 7: ADJOURNMENT

MOTION: At 12:25 p.m., Art Dohmann moved to adjourn the GMA 15 meeting. The motion was seconded Neil Hudgins. The motion passed unanimously.

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	4
Item Title:	Brief overview of the completed LCRB Groundwater Model...
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	

Meeting Management - Pre-Meeting Detail View

Meeting Item Details			
Item ID:	5		
Item Title:	Discussion and Possible Action regarding Desired Future Conditions of the Gulf Coast Aquifer for GMA 15		
Management Discussion:			
Management Recommendation:			
Financial Details:			
Related Documents:	<table border="1"><tr><td><i>Document Title:</i></td><td></td></tr></table>	<i>Document Title:</i>	
<i>Document Title:</i>			

Meeting Management - Pre-Meeting Detail View

Meeting Item Details			
Item ID:	5.a		
Item Title:	Discussion of Draft DFCs		
Management Discussion:			
Management Recommendation:			
Financial Details:			
Related Documents:	<table border="1"><tr><td><i>Document Title:</i></td><td>Draft DFCs for GMA 15</td></tr></table>	<i>Document Title:</i>	Draft DFCs for GMA 15
<i>Document Title:</i>	Draft DFCs for GMA 15		

DRAFT DFCs for GMA 15

Coastal Bend GCD – Wharton County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer and Evangeline Aquifer (averaging both together) should not exceed 10 feet by 2060 using current pumpage distribution between the Chicot and Evangeline Aquifer layers made in GAM Run 08-56.

Coastal Plains GCD – Matagorda County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer and Evangeline Aquifer (averaging both together) should not exceed 10 feet by 2060 using current pumpage distribution between the Chicot and Evangeline Aquifer layers made in GAM Run 08-56.

Texana GCD – Jackson County (SUGGESTED BY COASTAL BEND/COASTAL PLAINS GCDs)

From year 2000 conditions, the average drawdown of the Chicot Aquifer and Evangeline Aquifer (averaging both together) should not exceed 10 feet by 2060 using current pumpage distribution between the Chicot and Evangeline Aquifer layers made in GAM Run 08-56.

Fayette County GCD – Southern Fayette County

From estimated beginning year 2000 conditions, the average drawdown of the Evangeline Aquifer should not exceed 30 feet by 2060, the average drawdown of the Jasper Aquifer should not exceed 50 feet with a limit of 5 feet in the outcrop by 2060, and the average drawdown of the Yegua-Jackson Aquifer should not exceed 50 feet with a limit of 5 feet in the outcrop using current pumpage distribution between the Evangeline and Jasper Aquifer layers made in GAM Run 08-56. There is no reference of model run for Yegua-Jackson.

Bee County GCD – Eastern half of Bee County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer should not exceed 10 feet by 2060, the average drawdown of the Evangeline Aquifer should not exceed 10 feet by 2060, and the average drawdown of the Jasper Aquifer should not exceed 10 feet by 2060 using current pumpage distribution between the Chicot, Evangeline, and Jasper Aquifer layers made in GAM Run 08-56.

Evergreen UWCD - Southern Karnes County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer should not exceed 15 feet by 2060, the average drawdown of the Evangeline Aquifer should not exceed 15 feet by 2060, and the average drawdown of the Jasper Aquifer should not exceed 15 feet by 2060 using current pumpage distribution between the Chicot, Evangeline, and Jasper Aquifer layers made in GAM Run 08-56.

Pecan Valley GCD – Dewitt County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer should not exceed 10 feet with a maximum drawdown of 25 feet by 2060, the average drawdown of the Evangeline Aquifer should not exceed 10 feet with a maximum drawdown of 25 feet by 2060, and the average drawdown of the Jasper Aquifer should not exceed 10 feet with a maximum drawdown of 25 feet by 2060 using current pumpage distribution between the Chicot, Evangeline, and Jasper Aquifer layers made in GAM Run 08-56.

Refugio County GCD – Refugio County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer should not exceed 0 feet by 2060 and the average drawdown of the Evangeline Aquifer should not exceed 10 feet by 2060. For the Chicot aquifer, there should be no saltwater intrusion as referenced from the general head boundary inflow from 1999 to 2060 using average recharge conditions.

No GAM Run is reference for Draft DFC above. Changes are to be made in pumping distributions to achieve the Draft DFC.

Colorado County GCD – Colorado County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer should not exceed 5 feet by 2060, the average drawdown of the Evangeline Aquifer should not exceed 9 feet by 2060, and the average drawdown of the Jasper Aquifer should not exceed 20 feet by 2060 using current pumpage distribution between the Chicot, Evangeline, and Jasper Aquifer layers made in GAM Run 08-56.

Lavaca County GCD – Lavaca County

From estimated beginning year 2000 conditions, the average drawdown of the Chicot Aquifer (unconfined area) should not exceed 4.7 feet by 2060 or within any 10 year period between 2010 and 2060. The maximum drawdown for the Chicot (unconfined area) should not exceed 4.7 feet by 2060.

The average drawdown of the Evangeline Aquifer (Unconfined and confined areas) should not exceed 5.1 feet by 2060 or within any 10 year period between 2010 and 2060. The maximum drawdown for the Evangeline (unconfined and confined areas) should not exceed 5.1 feet by 2060.

The average drawdown of the Jasper Aquifer (unconfined area) should not exceed 10 feet by 2060 or within any 10 year period between 2010 and 2060. The maximum drawdown for the Jasper (unconfined area) should not exceed 10 feet by 2060.

The average drawdown of the Jasper Aquifer (confined area) should not exceed 28.6 feet by 2060 or within any 10 year period between 2010 and 2060. The maximum drawdown for the Jasper (unconfined area) should not exceed 28.6 feet by 2060. Use current pumpage distribution between the Chicot, Evangeline, and Jasper Aquifer layers made in GAM Run 08-56

Calhoun County

Aransas County

Goliad County GCD – Goliad County

Adopted by Goliad County Groundwater Conservation District Board of Directors
11-3-08

Goliad County Groundwater Conservation District (GCGCD) desires to manage the groundwater resources of the Gulf Coast Aquifer Evangeline and Chicot layers beneath the District's boundary on a sustainable basis consistent with its management plan adopted September 22, 2008. GCGCD is dedicated to assure long-term availability of adequate good quality groundwater for Goliad County and also recognizes that the District can impact the groundwater in surrounding counties.

Sustainability can be defined as the planning, development and management of groundwater resources to provide an adequate and reliable supply of water with a quality suitable to meet economic, environmental and social needs in the District for current and future generations. Historic data provided by TWDB and current data gathered by GCGCD shows a slow decline in groundwater levels and GCGCD desires to maintain the decline to a minimum so as to protect the groundwater quality and to protect the thousands of shallow domestic and livestock groundwater supply wells in the District.

For management and monitoring purposes, GCGCD has divided the Gulf Coast Aquifer in the District into Three segments as shown on the attached map.

1. The north segment of the District is the recharge area of the Evangeline layer of the Gulf Coast Aquifer. The depth of the Evangeline Aquifer at the shallowest part is approximately 450 feet deep. Groundwater activities in this area have shown the aquifer to be very sensitive resulting in water quality degradation. Water level monitoring by GCGCD for the past five years in the northern section of the District indicates a drop in the water table.
2. The central segment of the District consists of a deepening layer of the Evangeline Aquifer. It is also the transition area where the Chicot recharge layer begins and overlies the Evangeline layer of the Gulf Coast Aquifer.

The Gulf Coast Aquifer continues to deepen in this segment providing for a greater volume of good quality groundwater.

A critical groundwater management issue in this segment is the gaining stream contribution of the Gulf Coast Aquifer to the San Antonio River. A current USGS study (attached) in which GCGCD is participating shows that a few feet drop in groundwater level can reduce the gaining stream flow by +/- 100,000 acre feet. Loss of groundwater level will greatly reduce San Antonio River flow to the detriment of the Lower Guadalupe River Basin and the Bays and Estuaries.

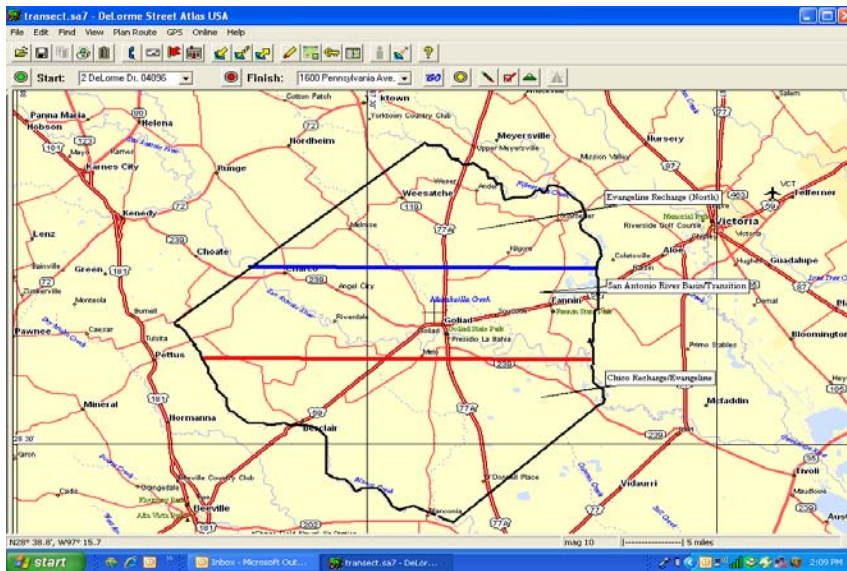
3. The southern segment of the District consists of the Chicot layer overlying the Evangeline layer of the Gulf Coast Aquifer. Because of its downdip location and the high transmissivity of the aquifer, pumping in this segment that exceeds recharge will affect groundwater levels in segments 1 and 2 and can have a significant impact on the gaining stream flow to the San Antonio River. Pump tests that have been done by GCGCD in the Evangeline layer has shown significant vertical leakage so that pumping from the Evangeline layer will cause water level drop in the overlying Chicot layer.

Based on current data, a significant increase in groundwater pumping in the District would cause the following:

1. Degradation of water quality to the point of being non-drinkable in the north segment of the District.

2. Lowering of water levels could mechanically impact thousands of wells.
3. A major loss of stream flow in the San Antonio River with a major detrimental affect on water availability in the Lower Guadalupe River Basin.
4. Loss of any remaining spring flow.

Based on GCGCD current pumping data and water level monitoring (attached) and on TWDB modeling it is estimated that groundwater availability in the district is 6,000 to 8,000 acre feet per year. This availability is based on distributive pumping spread across the District. This availability will minimize but not eliminate a slow drop in groundwater levels especially in the northern updip part of the District. GCGCD will continue an extensive monitoring program across the District and the results of this monitoring will provide empirical data for confirming the amount of groundwater that is available meeting the desired future condition of a sustainable aquifer.



Victoria County GCD – Victoria County

Chicot Aquifer Component -
Preliminary DFC Statement Revision 2 (04/17/2009)

Victoria County Groundwater Conservation District desires to manage the groundwater resources of the unconfined area of the Chicot Aquifer Component of the Gulf Coast Aquifer System beneath the District's boundary in a manner consistent with achieving the following future condition statements:

1. *Drawdown relative to water levels at 1999 will not:*
 - a. *exceed an average of 10 Feet at 2060,*
 - b. *exceed a maximum of 20 Feet at 2060, and*
 - c. *exceed an average of 20 Feet during any 10 year period between 2010 and 2060.*

<p>2. <i>Water volumes exchanged between rivers/streams and the aquifer component relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none"> a. <i>decrease more than 10 % below the lower limit of the range at 2060 or increase more than 10 % above the upper limit of the range at 2060, and</i> b. <i>decrease more than 30 % below the lower limit of the range during any 10 year period between 2010 and 2060 or increase more than 30 % above the upper limit of the range during any 10 year period between 2010 and 2060.</i>
<p>3. <i>Water volumes exchanged between Gulf of Mexico and the aquifer component relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none"> a. <i>decrease more than 10 % below the lower limit of the range at 2060 or increase more than 10 % above the upper limit of the range at 2060, and</i> b. <i>decrease more than 30 % below the lower limit of the range during any 10 year period between 2010 and 2060 or increase more than 30 % above the upper limit of the range during any 10 year period between 2010 and 2060.</i>
<p>4. <i>Water volumes flowing out of springs relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none"> a. <i>decrease more than 10 % below the lower limit of the range at 2060 or increase more than 10 % above the upper limit of the range at 2060, and</i> b. <i>decrease more than 15 % below the lower limit of the range during any 10 year period between 2010 and 2060 or increase more than 15 % above the upper limit of the range during any 10 year period between 2010 and 2060.</i>
<p>5. <i>Water volumes exchanged between reservoirs and the aquifer component relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none"> a. <i>decrease more than 10 % below the lower limit of the range at 2060 or increase more than 10 % above the upper limit of the range at 2060, and</i> b. <i>decrease more than 15 % below the lower limit of the range during any 10 year period between 2010 and 2060 or increase more than 15 % above the upper limit of the range during any 10 year period between 2010 and 2060.</i>
<p>6. <i>Increase of Total Dissolved Solids (TDS) level relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none"> a. <i>exceed an average of 100 mg/L at 2060,</i> b. <i>exceed a maximum of 150 mg/L at 2060, and</i> c. <i>exceed an average of 120 mg/L during any 10 year period between 2010 and 2060.</i>

Unconfined Area of the Evangeline Aquifer Component -
Preliminary DFC Statement Revision 2 (04/17/2009)

Victoria County Groundwater Conservation District desires to manage the groundwater resources of the unconfined area of the Evangeline Aquifer Component of the Gulf Coast Aquifer System beneath the District's boundary in a manner consistent with achieving the following future condition statements:

<p>1. <i>Drawdown relative to water levels at 1999 will not:</i></p> <ul style="list-style-type: none">a. <i>exceed an average of 10 Feet at 2060,</i>b. <i>exceed a maximum of 20 Feet at 2060, and</i>c. <i>exceed an average of 20 Feet during any 10 year period between 2010 and 2060.</i>
<p>2. <i>Water volumes exchanged between rivers/streams and the aquifer component relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none">a. <i>decrease more than 10 % below the lower limit of the range at 2060 or increase more than 10 % above the upper limit of the range at 2060, and</i>b. <i>decrease more than 30 % below the lower limit of the range during any 10 year period between 2010 and 2060 or increase more than 30 % above the upper limit of the range during any 10 year period between 2010 and 2060.</i>
<p>3. <i>Increase of Total Dissolved Solids (TDS) level relative to the range of variability between 1990 and 1999 will not:</i></p> <ul style="list-style-type: none">a. <i>exceed an average of 100 mg/L at 2060,</i>b. <i>exceed a maximum of 150 mg/L at 2060, and</i>c. <i>exceed an average of 120 mg/L during any 10 year period between 2010 and 2060.</i>

Confined Area of the Evangeline Aquifer Component –
Preliminary DFC Statement Revision 2 (04/17/2009)

Victoria County Groundwater Conservation District desires to manage the groundwater resources of the confined area of the Evangeline Aquifer Component of the Gulf Coast Aquifer System beneath the District's boundary in a manner consistent with achieving the following future condition statements:

1. *Drawdown relative to water levels at 1999 will not:*

- a. *exceed an average of 10 Feet at 2060,*
- b. *exceed a maximum of 20 Feet at 2060, and*
- c. *exceed an average of 20 Feet during any 10 year period between 2010 and 2060.*

2. *Increase of Total Dissolved Solids (TDS) level relative to the range of variability between 1990 and 1999 will not:*

- a. *exceed an average of 100 mg/L at 2060,*
- b. *exceed a maximum of 150 mg/L at 2060, and*
- c. *exceed an average of 120 mg/L during any 10 year period between 2010 and 2060.*

Confined Area of Jasper Aquifer Component –
Preliminary DFC Statement Revision 2 (04/17/2009)

Victoria County Groundwater Conservation District desires to manage the groundwater resources of the confined area of the Jasper Aquifer Component of the Gulf Coast Aquifer System beneath the District's boundary in a manner consistent with achieving the following future condition statements:

1. *Drawdown relative to water levels at 1999 will not:*

- a. *exceed an average of 10 Feet at 2060,*
- b. *exceed a maximum of 20 Feet at 2060, and*
- c. *exceed an average of 10 Feet during any 10 year period between 2010 and 2060.*

2. *Increase of Total Dissolved Solids (TDS) level relative to the range of variability between 1990 and 1999 will not:*

- a. *exceed an average of 100 mg/L at 2060,*
- b. *exceed a maximum of 150 mg/L at 2060, and*
- c. *exceed an average of 120 mg/L during any 10 year period between 2010 and 2060.*

Notes:

1. Drawdown
 - a. *In areas where the aquifer component is confined, the term drawdown refers to the reduction of the potentiometric surface.*
 - b. *In areas where the aquifer component is unconfined, the term drawdown refers to the reduction of the static water level.*
2. *Calculation of average values for conditions modeled by the Central Gulf Coast Groundwater Availability Model*
 - a. *When evaluating statements describing changes to average conditions, average values should be computed as the statistical mean of the value from the cells within the Central Gulf Coast Groundwater Availability Model that the aquifer component is present and contained within the groundwater conservation district's boundary.*
3. *Calculation of maximum values for conditions modeled by the Central Gulf Coast Groundwater Availability Model*
 - a. *When evaluating statements describing changes to maximum conditions, maximum values should be computed as the largest value from the cells within the Central Gulf Coast Groundwater Availability Model that the aquifer component is present and contained within the groundwater conservation district's boundary.*
4. *Calculation of range of variability for conditions modeled by the Central Gulf Coast Groundwater Availability Model*
 - a. *When evaluating the statements describing changes to the range of variability, the range should be computed as a set of yearly averages, for the specified time period, from the cells within the Central Gulf Coast Groundwater Availability Model that the aquifer component is present and contained within the groundwater conservation district's boundary.*
5. *Calculation of range of variability for conditions not modeled by the Central Gulf Coast Groundwater Availability Model*
 - a. *When evaluating the statements describing changes to the range of variability, the range should be computed as a set of yearly averages, for the specified time period, from historic data published by a credible source that is relevant to the aquifer component within the groundwater conservation district's boundary.*

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	5.b
Item Title:	Discussion with TWDB representatives regarding Draft DFCs and TWDB's ability to run the Central GAM to produce a Draft MAG
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	

Meeting Management - Pre-Meeting Detail View

Meeting Item Details			
Item ID:	5.c		
Item Title:	Review and Discuss Voting Roster and Representatives of GMA 15		
Management Discussion:			
Management Recommendation:			
Financial Details:			
Related Documents:	<table border="1"> <tr> <td><i>Document Title:</i></td> <td>Voting Members of GMA 15</td> </tr> </table>	<i>Document Title:</i>	Voting Members of GMA 15
<i>Document Title:</i>	Voting Members of GMA 15		

Voting Members of GMA 15

1. Coastal Plains GCD (Matagorda County)
2. Coastal Bend GCD (Wharton County)
3. Colorado County GCD (Colorado County)
4. Fayette County GCD (Fayette County)
5. Lavaca County GCD (Lavaca County) - unconfirmed
6. Victoria County GCD (Victoria County)
7. Texana GCD (Jackson County)
8. Pecan Valley GCD (DeWitt County)
9. Goliad County GCD (Goliad County)
10. Refugio County GCD (Refugio County)
11. Bee County GCD (Bee County)
12. Evergreen UWCD (Karnes County)
13. Corpus Christi Aquifer Storage and Recovery Conservation District – (Nueces County)

Meeting Management - Pre-Meeting Detail View

Meeting Item Details			
Item ID:	5.d		
Item Title:	Review meeting schedule through September 2010		
Management Discussion:			
Management Recommendation:			
Financial Details:			
Related Documents:	<table border="1"><tr><td><i>Document Title:</i></td><td>Proposed Schedule for GMA 15</td></tr></table>	<i>Document Title:</i>	Proposed Schedule for GMA 15
<i>Document Title:</i>	Proposed Schedule for GMA 15		

Proposed Schedule for GMA 15

1. **Individual GCD submit draft DFC Statements to GMA 15**
 - a. Due Date: May 1, 2009
2. **GMA 15 Meeting**
 - a. Date: May 6, 2009
 - b. Objective:
 - i. Consideration of draft DFC statements submitted by individual GCDs; and
 - ii. Establish the *Draft GMA 15 DFC Statement*
3. **Submit *Draft GMA 15 DFC Statement* to TWDB** (Draft DFC GAM Run Request)
 - a. Duration: 1 Month
 - b. Due Date: June 1, 2009
4. **TWDB Process *Draft GMA 15 DFC Statement* and Provide Preliminary MAG**
 - a. Duration: 3 Months
 - b. Due Date: September 1, 2009
5. **GMA 15 Meeting**
 - a. Date: September 16, 2009
 - b. Objective:
 - i. TWDB presentation of Draft DFC GAM Run Results
6. **Individual GCDs Review of Draft DFC GAM Run Results**
 - a. Duration: 3 Months
 - b. Due Date: February 1, 2010
7. **Individual GCDs Submit Final DFC Statements to GMA 15**
 - a. Due Date: December 1, 2009
8. **GMA 15 Meeting**
 - a. Date: December 9, 2009
 - b. Objective:
 - i. Consideration of Final DFC Statements submitted by Individual GCDs; and
 - ii. Establish the *Final Draft GMA 15 DFC Statement*
9. **Individual GCDs Review the *Final Draft GMA 15 DFC Statement***
 - a. Duration: 3 Months
 - b. Due Date: March 1, 2010
10. **GMA 15 Meeting**
 - a. Date: March 10, 2010
 - b. Objective:
 - i. Approve a *Final GMA 15 DFC Statement*; and
 - ii. Submit *Final GMA 15 DFC Statement* to TWDB
11. **TWDB Process *Final GMA 15 DFC Statement* and Provide Final MAG**

- a. Duration: 3 Months
- b. Due Date: June 10, 2010

12. GMA 15 Meeting

- a. Date: June 16, 2010
- b. Objective:
 - i. TWDB presentation of Final DFC GAM Run Results

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	6
Item Title:	Public Comments
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	

Meeting Management - Pre-Meeting Detail View

Meeting Item Details	
Item ID:	7
Item Title:	Adjournment
Management Discussion:	
Management Recommendation:	
Financial Details:	
Related Documents:	