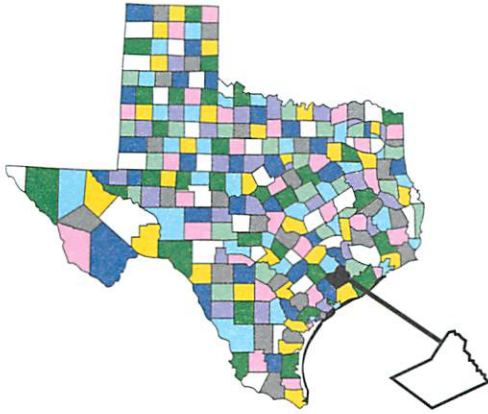


COASTAL BEND GROUNDWATER CONSERVATION DISTRICT



RECEIVED

JUL 30 2010

TWDB

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109 E. Milam
P.O. Box 341
Wharton, TX 77488

(979) 531-1412
(979) 531-1002 Fax

www.cbgcd.com

July 15, 2010

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

Re: Desired Future Condition Submittal for GMA 15

Dear Mr. Ward:

I am pleased to submit to you the Desired Future Condition for Groundwater Management Area 15 (GMA 15), pursuant to Section 36.108 of the Texas Water Code. This letter and the attached document comprise the GMA 15 Desired Future Condition Submission packet. Groundwater Management Area 15 is comprised of the following thirteen groundwater conservation districts contained wholly or in part within the boundary of GMA 15: Bee GCD, Coastal Bend GCD, Coastal Plains GCD, Colorado County GCD, Corpus Christi ASRCD, Evergreen UWCD, Fayette County GCD, Goliad County GCD, Lavaca GCD, Pecan Valley GCD, Refugio GCD, Texana GCD, and Victoria County GCD.

The GMA 15 DFC is generally defined as managing the groundwater resources of GMA 15 in such a way as to achieve no more than 12 feet of average drawdown by 2060 in the Gulf Coast Aquifer within the GMA 15 boundary relative to year 1999 conditions (see attached GMA 15 Resolution #2010-01). This DFC was based on results presented in GAM Run 10-008 Addendum, specifically Table 7 of that report. GMA 15 determined that the Yegua-Jackson, Carrizo-Wilcox, Sparta, and

Queen City aquifers present within the GMA 15 boundary were not relevant in GMA 15 (see attached meeting minutes for July 14, 2010).

Attached documents:

1. GMA 15 Resolution # 2010-01 with complete voting record;
2. Copy of the Adopted Minutes of the July 14, 2010 GMA 15 Meeting at which the resolution adopting the DFC for the Gulf Coast Aquifer within GMA 15 was adopted;
3. Narrative of Methods and References Used to Determine the Desired Future Condition of the Gulf Coast Aquifer in Groundwater Management Area 15;
4. Copies of Posted Meeting Notices for the July 14, 2010 GMA 15 Public Hearing and Meetings;
5. Copy of GAM Run 10-008 Addendum;

Please feel free to contact me if you have any questions or comments regarding this submission for GMA 15. I can be contacted at the following:

Neil Hudgins
109 E. Milam St.
Wharton, TX 77488
nhudgins@cbgcd.com
(979) 531-1412 office
(979) 531-1412 fax

Kind Regards,



Neil Hudgins

**RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS
FOR GROUNDWATER MANAGEMENT AREA 15 AQUIFERS**

STATE OF TEXAS

**GROUNDWATER
MANAGEMENT AREA 15**

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§
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RESOLUTION # 2010-01

WHEREAS, Texas Water Code § 36.108 requires the Groundwater Conservation Districts located whole or in part in a Groundwater Management Area (“GMA”) designated by the Texas Water Development Board to adopt desired future conditions for the relevant aquifers located within the management area;

WHEREAS, the Groundwater Conservation Districts located wholly or partially within Groundwater Management Area 15 (“GMA 15”), as designated by the Texas Water Development Board, as of the date of this resolution are as follows:

Bee Groundwater Conservation District, Coastal Bend Groundwater Conservation District, Coastal Plains Groundwater Conservation District, Colorado County Groundwater Conservation District, Corpus Christi Aquifer Storage and Recovery Conservation District, Evergreen Underground Water Conservation District, Fayette County Groundwater Conservation District, Goliad County Groundwater Conservation District, Lavaca County Groundwater Conservation District, Pecan Valley Groundwater Conservation District, Refugio Groundwater Conservation District, Texana Groundwater Conservation District, and Victoria County Groundwater Conservation District;

WHEREAS, the Board Presidents or their Designated Representatives of GCDs in GMA 15 have met at various meetings and conducted joint planning in accordance with Chapter 36.108, Texas Water Code since September 2005 and;

WHEREAS, GMA 15, having given proper and timely notice, held an open meeting of the GMA 15 Member Districts on July 14, 2010 and;

WHEREAS, GMA 15 has solicited and considered public comment at specially called Public Meetings, including the meeting on July 14, 2010 and;

WHEREAS, the GMA 15 Member Districts 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 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 demands, and the potential effects on springs, surface water, habitat, and water-dependent species through the year 2060, GMA 15 Member Districts have analyzed drawdown estimations from numerous

pumping scenarios using the Central Gulf Coast Groundwater Availability Model and have voted on a motion made and seconded to adopt a proposed Desired Future Condition (DFC) stated as follows:

An average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary of 12 feet relative to year 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum.

NOW THEREFORE BE IT RESOLVED, that the Groundwater Management Area 15 Member Districts do hereby document, record and confirm that groundwater within GMA 15 shall be managed in such a way as to achieve a Desired Future Condition in 2060 of no more than 12 feet of average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary relative to 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum.

AND IT IS SO ORDERED.

PASSED AND ADOPTED on this 14th day of July, 2010.

ATTEST:

AYES:

Lonnie Stewart
Bee Groundwater Conservation District

Lonnie Stewart
Signature

Ronald Gertson
Coastal Bend Groundwater Conservation District

Ronald Gertson
Signature

NEIL HUDGINS
Coastal Plains Groundwater Conservation District

Neil Hudgins
Signature

James E. Brasher
Colorado County Groundwater Conservation District

James E. Brasher
Signature

Not Present
Corpus Christi Aquifer Storage & Recovery Conservation District

Signature

Draine Savage
Evergreen Underground Water Conservation District

Draine Savage
Signature

David A. Van Dusen
Layette County Groundwater Conservation District

David A. Van Dusen
Signature

ART DOHMAN
Goliad County Groundwater Conservation District

Art Dohman
Signature

Not Present
Lavaca County Groundwater Conservation District

Signature

Charlotte Krause
Pecan Valley Groundwater Conservation District

Charlotte Krause
Signature

Garrett Engelking
Refugio Groundwater Conservation District

Garrett Engelking
Signature

Tim Anderson
Victoria County Groundwater Conservation District

Tim Anderson
Signature

NAYS: None

ABSTENTIONS:

Robert Martin
Texana Groundwater Conservation District

Robert Martin
Signature

Groundwater Management Area 15 Meeting Minutes

GMA 15 meeting convened in the Pattie Dodson Health Center, 2805 N. Navarro St., Victoria, Texas, Classroom 108 at 9:30 AM on July 14, 2010

Members GCD Representatives Present:

Bee Groundwater Conservation District	Lonnie Stewart
Coastal Bend Groundwater Conservation District	Ronald Gertson
Coastal Plains Groundwater Conservation District	Neil Hudgins
Colorado County Groundwater Conservation District	Jim Brasher
Corpus Christi A.S.R. Conservation District	
Evergreen Underground Water Conservation District	Diane Savage
Fayette County Groundwater Conservation District	David Van Dresar
Goliad County Groundwater Conservation District	Art Dohmann
Lavaca County Groundwater Conservation District	
Pecan Valley Groundwater Conservation District	Charlotte Krause
Refugio Groundwater Conservation District	Garrett Engelking
Texana Groundwater Conservation District	Robert Martin
Victoria County Groundwater Conservation District	Tim Andruss

Agenda Item 1: Welcome and Introductions

Neil Hudgins called the meeting to order at 9:41 AM and welcomed guests. See attached Sign-in Sheet for list of other meeting attendees.

Agenda Item 2: Public Comments

No public comment offered.

Agenda Item 3: Review and consider approval of GMA 15 minutes fro meeting held on 6/2/2010.

The meeting minutes for the GMA 15 meeting held on June 2, 2010 were reviewed.

MOTION: Tim Andruss moved to accept and approve the minutes of GMA 15 meeting held on June 2, 2010. Ronald Gertson seconded the motion. The motion passed.

(Note: Texana GCD abstained.)

Agenda Item 4: Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)

Groundwater Management Area 15

Meeting Minutes

Neil Hudgins remarked that GMA 15 had, at previous meetings, discussed the matter of designating the Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City aquifers as being not relevant in GMA 15.

David Van Dresar discussed the considerations Fayette County GCD made regarding the slivers of these aquifers within GMA 15. In light of the fact that DFCs and MAGs were being developed for these aquifers in GMA 12 for Fayette County, David Van Dresar stated that he believed it to be acceptable to designate these aquifer slivers as not relevant in GMA 15.

MOTION: David Van Dresar moved to designate the portions of Yegua-Jackson, Carrizo, Sparta, and Queen City Aquifer slivers located within GMA 15 as not relevant in GMA 15. Jim Brasher seconded the motion. The motion passed.

(Note: Texana GCD abstained.)

Agenda Item 5: Review Draft Resolution No. 2010-10 to consider modifications prior to adoption of DFC for Gulf Coast Aquifer.

The membership of GMA 15 reviewed and considered the draft resolution related to the DFC for the Gulf Coast Aquifer in GMA 15 including possible clarifications or changes to the language used to state the DFC for the Gulf Coast Aquifer within GMA 15.

Tim Andruss remarked that, by referencing Table 7 of GAM Run 10-008 Addendum, the proposed DFC identifies one pumping scenario which results in an estimated 12-foot average drawdown across GMA 15 in the year 2060 relative to 1999 conditions. Many other pumping scenarios could result in a 12-foot average drawdown estimate across GMA 15 in the year 2060 relative to 1999 conditions. Tim Andruss provided the GMA 15 membership with a copy of a letter to Neil Hudgins as the GMA 15 Administrator articulating Victoria County GCD's comments. See attached letter.

MOTION: Ronald Gertson moved to modify the proposed DFC and draft resolution to read as follows: groundwater within GMA 15 shall be managed in such a way as to achieve a Desired Future Condition in 2060 of no more than 12 feet of average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary relative to 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum. Tim Andruss seconded the motion. The motion passed.

(Note: Texana GCD abstained.)

Agenda Item 6: Discussion & Consideration of Draft Submittal Package to TWDB (Possible Action)

Groundwater Management Area 15 Meeting Minutes

The membership of GMA 15 reviewed and considered the draft GMA 15 Submittal Package.

Agenda Item 7: Recess for Public Hearing

At 10:06 AM Neil Hudgins recessed the GMA 15 meeting to conduct the public hearing related to the proposed Desired Future Condition for the Gulf Coast Aquifer within GMA 15.

Agenda Item 7a: Public Hearing on the Adoption of the Desired Future Conditions for all Aquifers within Groundwater Management Area 15.

At 10:06 AM Neil Hudgins opened the public hearing related to the proposed Desired Future Condition for all aquifers within GMA 15.

No comments provided.

Agenda Item 7b: Close Public Hearing

At 10:07 AM, Neil Hudgins closed the public hearing related to the proposed Desired Future Condition for all aquifers within GMA 15.

Agenda Item 8: Reconvene Meeting

At 10:07 AM, Neil Hudgins reconvened the GMA 15 meeting.

Agenda Item 9: Adoption of the Desired Future Condition for the Aquifers in Groundwater Management Area 15 and Resolution No. 2010-01.

Neil Hudgins read GMA 15 Resolution No. 2010-01.

MOTION: David Van Dresar moved to adopt GMA 15 Resolution No. 2010-01. Jim Brasher seconded the motion. The motion passed with the following voting record:

Member District	District Representative	Aye	Nay	Abstention
Bee GCD	Lonnie Stewart	X		
Coastal Bend GCD	Ronald Gertson	X		
Coastal Plains GCD	Neil Hudgins	X		
Colorado County GCD	Jim Brasher	X		
Corpus Christi A.S.R.C.D.				
Evergreen UWCD	Diane Savage	X		
Fayette County GCD	David Van Dresar	X		
Goliad County GCD	Art Dohmann	X		

Groundwater Management Area 15 Meeting Minutes

Lavaca County GCD				
Pecan Valley GCD	Charlotte Krause	X		
Refugio GCD	Garrett Engelking	X		
Texana GCD	Robert Martin			X
Victoria County GCD	Tim Andruss	X		

Agenda Item 10: Recess Meeting if necessary to alter Resolution 2010-01 based on action taken by GMA 15.

At 10:16 AM, Neil Hudgins recessed the GMA 15 meeting to modify Resolution 2010-01.

Agenda Item 11: Reconvene Meeting if necessary.

At 10:26 AM, Neil Hudgins reconvened the GMA 15 meeting.

Agenda Item 12: Public Comments

No public comment offered.

Agenda Item 13: Adjournment

MOTION: At 10:33 AM, Garrett Engelking moved to adjourn the GMA 15 meeting. The motion was seconded by David Van Dresar. The motion passed.

(Note: Texana GCD abstained.)



LYMA-15

VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

DATE: July 14, 2010

NAME	COMPANY OR ORGANIZATION	AGENDA ITEM # (If you wish to speak)
Steve Young	INTERA	
Andy Donnelly	DBS+A	
Stefan Schuster	DBS+A	
Barbara Smith	GCGCD	
Mark [unclear]	CB/CPGCD	
Grant Engelking	Refugio GCD	
Art [unclear]	GCGCD	
Charlotte Knouse	PV GCD	
Mike McHorn	Evergreen UNCD	
Ronald Gertson	CB GCD	
Jim Brasher	CCGCD	
Bob Pickens	. 11	
Sarah Backhouse	TWDB	
Bob's KARBON		
Margie KARBON		



GMA 15

VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT

DATE: July 14, 2010

NAME	COMPANY OR ORGANIZATION	AGENDA ITEM # (If you wish to speak)
Lisa Peterson	Rep. Morrison	
David Van Duzer	FC GCD	
Leo J. White	FC GCD	
Woj Harmin	FC GCD	
Diane Savage	Evenson UWCD	
Robert Martin	Texcena GWD	
Ken Callis	Jackson County Herald Tribune.	
Lonnie Stewart	Bee GCD	
Tim Anoruss	VCGCD	

Victoria County Groundwater Conservation District



Directors:

Mark Meek
President

Jerry Hroch
Vice-President

Barbara Dietzel
Secretary

Thurman Clements
Kenneth Eller

July 13, 2010

Mr. Neil Hudgins
Coastal Bend Groundwater Conservation District
P. O. Box 341
109 E. Milam
Wharton, Texas 77488

Dear Neil,

The Board of Directors of the Victoria County Groundwater Conservation District, at a public meeting held on June 18, 2010, expressed their support for GMA 15's proposed Desired Future Condition for the Gulf Coast Aquifer by a motion which passed unanimously. As part of that motion, the Board of Directors requested that GMA 15 consider a policy statement regarding the evaluation of member GCD's degree of compliance the DFC.

Victoria County Groundwater Conservation District believes that, by referencing Table 7 of GAM Run 10-008 Addendum, the proposed Desired Future Condition for the Gulf Coast Aquifer within GMA 15 identifies a single, GMA-wide, pumping scenario which results in an estimated (modeled) 12-foot average drawdown across GMA 15 in the year 2060 relative to 1999 conditions. The District believes that many other pumping scenarios could result in a 12-foot average drawdown estimate across GMA 15 in the year 2060 relative to 1999 conditions. Therefore, the District encourages the membership of GMA 15 to recognize this situation and acknowledge that the purpose for referencing Table 7 of GAM Run 10-008 Addendum in the DFC statement was to provide Texas Water Development Board with guidance regarding preferred, initial, pumping volumes to be used to establish managed available groundwater estimates. In addition, the District recommends that, at a future meeting, GMA 15 acknowledge by resolution the need for future efforts by GMA 15 to evaluate achievement or compliance with the DFC to focus on the degree to which the 12 foot average drawdown of the Gulf Coast Aquifer within GMA 15 relative to 1999 conditions was or was not exceeded.

Regards,

Tim Andruss, General Manager
Victoria County Groundwater Conservation District

TA/bd

**RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS
FOR GROUNDWATER MANAGEMENT AREA 15 AQUIFERS**

STATE OF TEXAS

**GROUNDWATER
MANAGEMENT AREA 15**

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RESOLUTION # 2010-01

WHEREAS, Texas Water Code § 36.108 requires the Groundwater Conservation Districts located whole or in part in a Groundwater Management Area (“GMA”) designated by the Texas Water Development Board to adopt desired future conditions for the relevant aquifers located within the management area;

WHEREAS, the Groundwater Conservation Districts located wholly or partially within Groundwater Management Area 15 (“GMA 15”), as designated by the Texas Water Development Board, as of the date of this resolution are as follows:

Bee Groundwater Conservation District, Coastal Bend Groundwater Conservation District, Coastal Plains Groundwater Conservation District, Colorado County Groundwater Conservation District, Corpus Christi Aquifer Storage and Recovery Conservation District, Evergreen Underground Water Conservation District, Fayette County Groundwater Conservation District, Goliad County Groundwater Conservation District, Lavaca County Groundwater Conservation District, Pecan Valley Groundwater Conservation District, Refugio Groundwater Conservation District, Texana Groundwater Conservation District, and Victoria County Groundwater Conservation District;

WHEREAS, the Board Presidents or their Designated Representatives of GCDs in GMA 15 have met at various meetings and conducted joint planning in accordance with Chapter 36.108, Texas Water Code since September 2005 and;

WHEREAS, GMA 15, having given proper and timely notice, held an open meeting of the GMA 15 Member Districts on July 14, 2010 and;

WHEREAS, GMA 15 has solicited and considered public comment at specially called Public Meetings, including the meeting on July 14, 2010 and;

WHEREAS, the GMA 15 Member Districts 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 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 demands, and the potential effects on springs, surface water, habitat, and water-dependent species through the year 2060, GMA 15 Member Districts have analyzed drawdown estimations from numerous

pumping scenarios using the Central Gulf Coast Groundwater Availability Model and have voted on a motion made and seconded to adopt a proposed Desired Future Condition (DFC) stated as follows:

An average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary of 12 feet relative to year 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum.

NOW THEREFORE BE IT RESOLVED, that the Groundwater Management Area 15 Member Districts do hereby document, record and confirm that groundwater within GMA 15 shall be managed in such a way as to achieve a Desired Future Condition in 2060 of no more than 12 feet of average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary relative to 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum.

AND IT IS SO ORDERED.

PASSED AND ADOPTED on this 14th day of July, 2010.

ATTEST:

AYES:

Lonnie Stewart
Bee Groundwater Conservation District

Lonnie Stewart
Signature

Ronald Gertson
Coastal Bend Groundwater Conservation District

Ronald Gertson
Signature

NEIL HUDGINS
Coastal Plains Groundwater Conservation District

Neil Hudgins
Signature

James E. Brasher
Colorado County Groundwater Conservation District

James E. Brasher
Signature

Not Present
Corpus Christi Aquifer Storage & Recovery Conservation District

Signature

Diane Savage
Evergreen Underground Water Conservation District

Diane Savage
Signature

DAVID A. VAN DEER
Fayette County Groundwater Conservation District

David A. Van Deer
Signature

ART DOHMAN
Goliad County Groundwater Conservation District

Art Dohman
Signature

Not Present
Lavaca County Groundwater Conservation District

Signature

Charlotte Krause
Pecan Valley Groundwater Conservation District

Charlotte Krause
Signature

Garrett Engelking
Refugio Groundwater Conservation District

Garrett Engelking
Signature

Tim Andrews
Victoria County Groundwater Conservation District

Tim Andrews
Signature

NAYS: None

ABSTENTIONS:

Robert Martin
Texana Groundwater Conservation District

Robert Martin
Signature

Narrative of Methods and References Used to Determine the Desired Future Condition of the Gulf Coast Aquifer in Groundwater Management Area 15

Groundwater Management Area 15 Public Meetings

Groundwater Management Area 15 (GMA 15) has held numerous public meetings for the purpose of developing and adopting Desired Future Conditions (DFC) for the relevant groundwater resources within its boundary. All of these meetings were public and held in accordance with the Texas Open Meeting Act.

Meeting Date	Location
July 14, 2010	Victoria, Texas - Dr. Pattie Dodson Health Center
July 14, 2010	Victoria, Texas - Dr. Pattie Dodson Health Center
June 2, 2010	Victoria, Texas - Dr. Pattie Dodson Health Center
March 11, 2010	Victoria, Texas - Dr. Pattie Dodson Health Center
February 18, 2010	Victoria, Texas - Dr. Pattie Dodson Health Center
October 19, 2009	Victoria, Texas – Tejas Café Meeting Room
May 27, 2009	Victoria, Texas - Dr. Pattie Dodson Health Center
March 26, 2009	Victoria, Texas - Dr. Pattie Dodson Health Center
November 5, 2008	Victoria, Texas - Dr. Pattie Dodson Health Center
April 23, 2008	Victoria, Texas - Dr. Pattie Dodson Health Center
February 20, 2008	Victoria, Texas - Dr. Pattie Dodson Health Center
November 8, 2007	Victoria, Texas - Dr. Pattie Dodson Health Center
May 11, 2007	Beeville, Texas - Bee County Farm Bureau Office
September 26, 2006	Victoria, Texas - Holiday Inn Victoria
August 23, 2006	Beeville, Texas - Bee County Farm Bureau Office
November 8, 2005	Wharton, Texas - Wharton Civic Center, O'Quinn Rm.

Table 1: Listing of GMA 15 Public Meetings.

Consideration of the Effects of Simulated Groundwater Production (GAM Runs)

Texas Water Development Board (TWDB) staff provided technical guidance and support throughout the DFC development process. Of particular importance to the DFC development process was the numerous predictive simulations of groundwater production scenarios (GAM Runs) and related statistical analyses. The simulations and analyses focused on estimating the effect of groundwater production from the Gulf Coast Aquifer (comprised of the Chicot, Evangeline, Burkeville, and Jasper Layers in the Central Gulf Coast GAM (CGC-GAM)) on water levels in terms of year 2060 drawdown relative to estimated water levels of year 1999 assuming future recharge and evapotranspiration rates equal to the averages calculated for years between 1981 and 1999.

GAM Run	Report Date
Addendum for GR10-08 draft	May 2010
Draft DFC run of the Central Gulf Coast GAM (GR10-08 draft)	April 2010
Draft DFC run of the Central Gulf Coast GAM (GR09-10 draft_revised)	April 2010
Baseline run of the Central Gulf Coast GAM (GR08-56)	March 2009
Baseline run of the Central Gulf Coast GAM (GR07-43)	March 2008
Baseline run of the Central Gulf Coast GAM (GR07-42)	March 2008
Availability run of the Central Gulf Coast GAM (GR07-14)	October 2007
Baseline run of the Central Gulf Coast GAM (GR07-12)	April 2007

Table 2: Listing of Groundwater Availability Model Run Reports for GMA 15.

At the request of GMA 15 and GMA 16, TWDB staff developed and published GAM Run 07-12 which was referred to as the "Baseline Run." GAM Run 07-12 simulated the effects of continued groundwater production from the Gulf Coast Aquifer for 60 years (year 2000 through year 2060) in quantities equal to the amount being produced throughout GMA 15 at the end of year 1999. The total volume of simulated groundwater production for the counties within GMA 15 was approximately 352,000 acre-feet/year. *(Note: The boundary line between GMA 15 and GMA 16 was altered after this GAM Run was requested and finalized.)*

The analysis of the final GAM Run request of TWDB by GMA 15 was reported in Addendum for GR10-08 draft. GAM Run GR10-08 simulated the effects of continuous groundwater production from the Gulf Coast Aquifer for 60 year (year 2000 through year 2060) in quantities that exceeded the amount being produced throughout GMA 15 at the end of year 1999. The total volume of simulated groundwater production within GMA 15 was approximately 479,000 acre-feet/year.

GCD-Sponsored Investigations related to the Adoption of the GMA 15 DFC

In addition to the information and guidance provided by TWDB staff, several groundwater conservation districts of GMA 15 sponsored separate investigations or studies to examine the impact of various approaches to developing DFCs within GMA 15.

Victoria County Groundwater Conservation District (VCGCD) sponsored two separate investigations directly related to the development of DFCs for GMA 15. The initial investigation evaluated the district's initially proposed DFC in terms of four criteria: 1) the appropriateness of the DFC statement for evaluating the future conditions of the aquifer (appropriateness criterion); 2) the impacts of the DFC on the estimated groundwater availability (availability criterion); 3) the preference of the stakeholders within the district and the board of directors with regards to the DFC statement

(preference criterion) and 4) the feasibility of implementing the DFC statement, if adopted, (implementation criterion). The final report can be viewed and downloaded from the VCGCD website at:

www.vcgcd.org/ReportPDFs/Uddameri_EvaluationofVCGCDDraftDFC_Final.pdf .

The second investigation sponsored by VCGCD evaluated the impact of increased groundwater production within Victoria County as well as evaluated the impact on drawdown when recharge conditions included simulated drought-of-record conditions using the CGC-GAM. The final report can be viewed and downloaded from the VCGCD website at: www.vcgcd.org/ReportPDFs/PBW%20-%20Uddameri%20-%20GW%20Modeling%20including%20Drought%20of%20Record%20Simulations%20for%20VCGCD.pdf.

Coastal Bend Groundwater Conservation District, Coastal Plains Groundwater Conservation District, and Colorado County Groundwater Conservation District cooperated in an investigation of various approaches to structuring the DFC for the Gulf Coast Aquifer as well as a comparison of the drawdown impacts between the CGC-GAM and the LCRB model.

Adoption of the Proposed and Final DFC for the Gulf Coast Aquifer within GMA 15

At the June 2, 2010 meeting of GMA 15, a proposed DFC was adopted by the GCD representatives of GMA 15 and a public hearing was scheduled for July 14, 2010 in Victoria Texas for the purpose of receiving public comment regarding the DFC.

Following proper notification and consideration of comments provided at the public hearing regarding the proposed DFC for the Gulf Coast Aquifer within GMA 15, the GCD representatives of GMA 15 passed a resolution adopting the following DFC:

“groundwater within GMA 15 shall be managed in such a way as to achieve a Desired Future Condition in 2060 of no more than 12 feet of average drawdown of the Gulf Coast Aquifer within the GMA 15 boundary relative to 1999 starting conditions in accordance with Table 7 of GAM Run 10-008 Addendum.”

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 GCD, 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, July 14, 2010, 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:

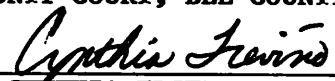
1. Welcome and Introductions
2. Public comments
3. Review and consider approval of GMA 15 minutes for meeting held on 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
5. Review Draft Resolution No. 2010-10 to consider modifications prior to adoption of DFC for Gulf Coast Aquifer.
6. Discussion & Consideration of Draft Submittal Package to TWDB. (Possible Action)
7. Recess for Public Hearing.
 - a. Public Hearing on the Adoption of Desired Future Conditions for all Aquifers within Groundwater Management Area 15.
 - b. Close Public Hearing.
8. Reconvene meeting.
9. Adoption of the Desired Future Condition for the Aquifers in Groundwater Management Area 15 and Resolution No. 2010-01
10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

RECEIVED & POSTED
JULY 7, 2010 @ 9:10 A.M.

MIRELLA ESCAMILLA DAVIS, CLERK
COUNTY COURT, BEE COUNTY, TEXAS

BY 
CYNTHIA TREVINO, DEPUTY

COASTAL BEND
(WHARTON)

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 GCD, 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, July 14, 2010, 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 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
5. Review Draft Resolution No. 2010-10 to consider modifications prior to adoption of DFC for Gulf Coast Aquifer.
6. Discussion & Consideration of Draft Submittal Package to TWDB. (Possible Action)
7. Recess for Public Hearing.
 - a. Public Hearing on the Adoption of Desired Future Conditions for all Aquifers within Groundwater Management Area 15.
 - b. Close Public Hearing.
8. Reconvene meeting.
9. Adoption of the Desired Future Condition for the Aquifers in Groundwater Management Area 15 and Resolution No. 2010-01
10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment

POSTED

JUL - 9 2010

11:15 AM

AP



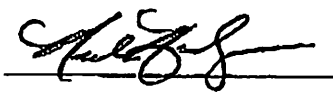
Neil Hudgins, Administrator
Groundwater Management Area 15

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 GCD, 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, July 14, 2010, 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 6/2/2010.
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12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

CPGLD
(Matagorda County)

Received & Posted 7-09-10 at 8:35 AM
Gail Denn, County Clerk
By Marie Davison, Deputy Clerk

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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2. Public comments
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12. Public comments
13. Adjournment

Neil Hudgins, Administrator
Groundwater Management Area 15

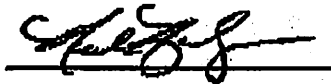
FILED FOR RECORD
COLORADO COUNTY, TX
2010 JUL -8 PM 4:24
DARLENE HAYEK DK
COLORADO CO. CLERK

Notice of Open Meeting

As required by section 36.108(a), 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 GCD, 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, July 14, 2010, 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 CIMA 15 minutes for meeting held on 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
5. Review Draft Resolution No. 2010-10 to consider modifications prior to adoption of DFC for Gulf Coast Aquifer.
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 - b. Close Public Hearing.
8. Reconvene meeting.
9. Adoption of the Desired Future Condition for the Aquifers in Groundwater Management Area 15 and Resolution No. 2010-01
10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by CIMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

CLASRCD

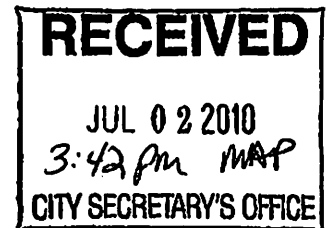
Doc# 2010880440
Pages 2
07/02/2010 3:36PM
Official Records of
NUECES COUNTY
DIANA T. BARRERA
COUNTY CLERK
Fees \$0.00

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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2. Public comments
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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

CCASRCD

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattle Dodson Health Center, 2805 N. Navarro St; Victoria, Victoria County, Texas

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

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2. Public comments
3. Review and consider approval of GMA 15 minutes for meeting held on 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
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11. Reconvene meeting ~~if necessary~~.
12. Public comments
13. Adjournment


Neil Hudgins, Administrator
Groundwater Management Area 15

RECEIVED & POSTED
on 7/14/10
at 3:45 pm
LED ALARCON
Kleberg County, Clerk
By: Jim J. Belmont
Deputy


CCASRCD

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Patto Dodson Health Center, 2805 N. Navarro St, Victoria, Victoria County, Texas

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2. Public comments
3. Review and consider approval of GMA 15 minutes for meeting held on 6/2/2010.
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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

CCASRCO
(Stamped on following page)

to cease contact: www.mgmaker.com

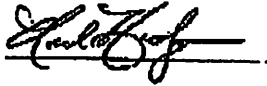
to license contact: www.imgmaker.com

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 GCD, Lavaca County GCD, Texas 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, July 14, 2010, at 10:00a.m. at Classroom A #108, Patti 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. Welcomes and Introductions
2. Review and consider approval of GMA 15 minutes for meeting held on 7/14/2010.
3. Public comments
4. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

FILED
AT 3:35 P M O'CLOCK

JUL 02 2010

GRACIE ALANIZ-GUIZALES, COUNTY CLERK
SAN PATRICK COUNTY, TEXAS
BY Blaine Carter DEPUTY

CCASRLD

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 GCD, 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, July 14, 2010, 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 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
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8. Reconvene meeting.
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10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

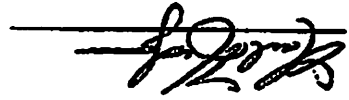
CCASRD
(stamped on following page)

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 GCD, Lavaca County GCD, Texas GCD, Victoria County GCD, Refugio County GCD, Pecan Valley GCD, Gohad County GCD, Evergreen UWCD, Bee County GCD, and the Corpus Christi Aquifer Storage and Recovery District will be held on Wednesday, July 14, 2010, at 10:00a.m. at Classroom A #108, Partle 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. Welcomes and Introductions
2. Review and consider approval of GMA 15 minutes for meeting held on 7/14/2010.
3. Public comments
4. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

THIS IS A PURPORTED COPY OF A
DOCUMENT FILED FOR RECORD ON THIS
THE 9 DAY OF July
AT 9:25 A.M.
PEGGY L. FRIEBELE
ARANSAS COUNTY CLERK
DEPUTY

CCRSRDD

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

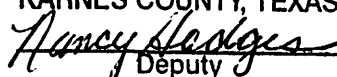
At this meeting, the following business may be considered and recommended for action:

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3. Review and consider approval of GMA 15 minutes for meeting held on 6/2/2010.
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 - a. Public Hearing on the Adoption of Desired Future Conditions for all Aquifers within Groundwater Management Area 15.
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10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

Evergreen WCD

FILED
~~July 7th, 2010~~
At 9:45 o'clock AM.
ALVA JONAS
COUNTY CLERK
KARNES COUNTY, TEXAS

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas


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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

Evergreen UWCD

FILED
At 9:15 o'Clock A M
This 7 day of 7 10

Clerk County Court, FRIO COUNTY, TX

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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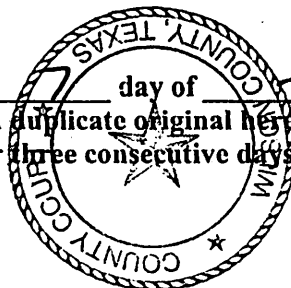


Neil Hudgins, Administrator
Groundwater Management Area 15

Evergreen UWCD

STATE OF TEXAS
COUNTY OF WILSON

Received in duplicate originals this 14 day of July, 2010,
and published according to law by posting a duplicate original copy of on a bulletin board convenient to
the public at Wilson County Courthouse for three consecutive days prior to the 14 day of
July, 2010.



EVA S. MARTINEZ
County Clerk of Wilson County, Texas
By: Orana Ueh, Deputy

Posted time: 10:30 AM

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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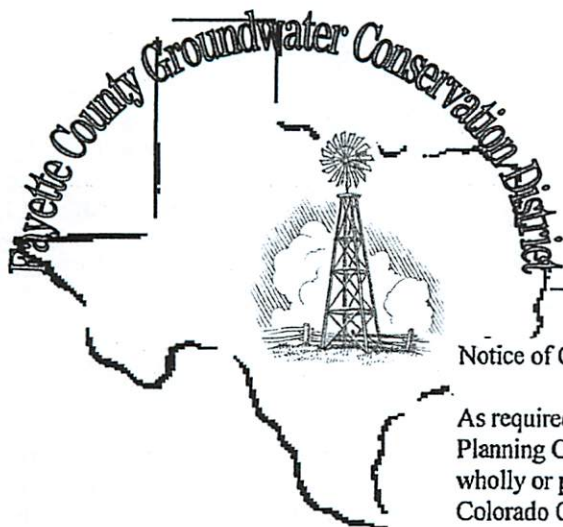
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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

Evergreen UWCD

FILED FOR RECORD
2010 JUL -6 AM 9:28
DIANE GONZALES
ATASCOSA COUNTY CLERK
BY Kwest DEPUTY



255 Svoboda Lane, Room 115
La Grange, Texas 78945
Telephone: (979) 968-3135
Fax: (979) 968-3194

COPY
THE ORIGINAL INSTRUMENT WAS
FILED IN FAYETTE COUNTY, TEXAS ON
JULY 9, 2010 @ 8:55AM

JP

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 GCD, Lavaca County GCD, Texana County 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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Neil Hudgins, Administrator
Groundwater Management Area 15

Directors:

Robert Leer - Precinct 1

Charles Richter - Precinct 3

Leo Wick, Sr - At Large

L. J. Calley - Precinct 2

Leo Kainer - Precinct 4

**GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT
BOARD OF DIRECTORS
NOTICE OF MEETING**

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 GCD, 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, July 14, 2010, 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 6/2/2010.
4. Discussion of DFCs pertaining to Yegua-Jackson, Carrizo-Wilcox, Sparta, & Queen City. (Action Item)
5. Review Draft Resolution No. 2010-10 to consider modifications prior to adoption of DFC for Gulf Coast Aquifer.
6. Discussion & Consideration of Draft Submittal Package to TWDB. (Possible Action)
7. Recess for Public Hearing.
 - a. Public Hearing on the Adoption of Desired Future Conditions for all Aquifers within Groundwater Management Area 15.
 - b. Close Public Hearing.
8. Reconvene meeting.
9. Adoption of the Desired Future Condition for the Aquifers in Groundwater Management Area 15 and Resolution No. 2010-01
10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment

72 HOUR NOTICE

The Goliad County 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 at 361-645-1716 at least 24 hours in advance if accommodation is needed.

**CERTIFICATE OF POSTING
POSTED**

3:16 o'clock PM
14 day of July A.D. 2010
Mary Ellen Rose
County Clerk, Goliad County, Texas
By: Annie Black, 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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center, 2805 N. Navarro St, Victoria, Victoria County, Texas

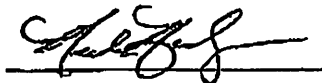
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10. Recess Meeting if necessary to alter Resolution No. 2010-01 based on action taken by GMA 15.
11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment

FILED FOR RECORD
At 1:45 O'Clock P M

JUL 02 2010

ELIZABETH A. KOUBA, CLERK
COUNTY COURT LAVACA CO, TEXAS
By Elizabeth A. Kouba Deputy



Neil Hudgins, Administrator
Groundwater Management Area 15

PECAN VALLEY GCD (DEWITT)

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 GCD, 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, July 14, 2010, 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:

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2. Public comments
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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

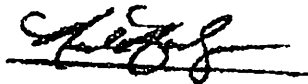
POSTED
DATE: 7-7-10

Notice of Open Meeting

As required by section 36.103(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 GCD, Lavaca County GCD, Texana GCD, Victoria County GCD, Refugio County GCD, Pecan Valley GCD, Goliad County GCD, Evergreen LWCD, Bee County GCD, and the Corpus Christi Aquifer Storage and Recovery District will be held on Wednesday, July 14, 2010, at 9:30a.m. at Classroom A #108, Patsie Dodson Health Center, 2805 N. Navarro St, Victoria, Victoria County, Texas

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Neil Hudgins, Administrator
Groundwater Management Area 15

Certificate of Posting

The above Notice of Meeting was posted July 2, 2010, at a place convenient to the public on a bulletin board in the Refugio County Courthouse at Refugio, Texas.

WITNESS MY HAND AND SEAL of office on above date.

Ruby Garcia, Clerk County Court
Refugio County, Texas

Victoria County Groundwater Conservation District



Directors:

Mark Meek
President

Jerry Hroch
Vice-President

Barbara Dietzel
Secretary

Thurman Clements
Kenneth Eller

**NOTICE OF SPECIAL CALLED 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 Meetings Act that the Victoria County Groundwater Conservation District Board of Directors will hold a meeting on

Wednesday, July 14, 2010 at 9:30 AM at


Dr. Pattie Dodson Health Center, 2805 N. Navarro St. Room 108, Victoria, Texas 77901.

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 Groundwater Management Area 15 (GMA-15).

GMA 15 is comprised of delegates from the following groundwater conservation districts wholly or partially within GMA-15: Bee GCD, Coastal Bend GCD, Coastal Plains GCD, Colorado County GCD, Corpus Christi ASRCD, Evergreen UWCD, Fayette County GCD, Goliad County GCD, Lavaca GCD, Pecan Valley GCD, Refugio GCD, Texana GCD, and Victoria County GCD.

AGENDA

Victoria County Groundwater Conservation District (VCGCD) Board of Directors and staff will attend and participate in joint planning of GMA 15 regarding the development of Desired Future Conditions (DFC) of aquifers within Groundwater Management Area 15 (GMA-15).



Tim Andruss, General Manager

72 Hour Notice Date: 7/11/10

(In Accordance with Title III of the Americans 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 programs you wish to attend.)

2805 N. Navarro St. Suite 210, Victoria, TX 77901, Phone (361) 579-6863, Fax (361) 579-0041

FILED

2010 JUL -6 PM 1:22

Nal W. Howard
COUNTY CLERK
VICTORIA COUNTY, TEXAS

By: Jerry J. Rowland, 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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

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11. Reconvene meeting if necessary.
12. Public comments
13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

FILED

2010 JUL -8 PM 12:45

Pat W. Spaul
COUNTY CLERK
VICTORIA COUNTY, TEXAS

By: Jimmy Halvick, 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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center; 2805 N. Navarro St; Victoria, Victoria County, Texas

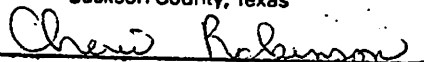
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13. Adjournment



Neil Hudgins, Administrator
Groundwater Management Area 15

FILED 7-6-10
KENNETH W. McELVEEN-Clerk of County Court
Jackson County, Texas

BY 

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 GCD, 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, July 14, 2010, at 9:30a.m. at Classroom A #108, Pattie Dodson Health Center, 2805 N. Navarro St, Victoria, Victoria County, Texas

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Neil Hudgins, Administrator
Groundwater Management Area 15

AT 4 FILED P
O'CLOCK P M

JUL 06 2010

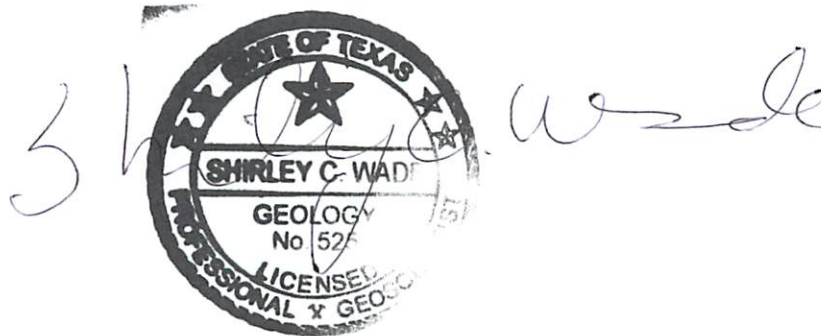
COUNTY CLERK
ANTHONY FRANK
CALHOUN COUNTY, TEXAS
BY [Signature]
DEPUTY

GAM Run 10-008 Addendum

By Shirley C. Wade, Ph.D., P.G.

Texas Water Development Board
Groundwater Resources Division
(512) 936-0883
June 30, 2010

The seal appearing on this document was authorized by Shirley C. Wade, P.G. 525 , on June 30, 2010.



EXECUTIVE SUMMARY:

The groundwater availability model for the central part of the Gulf Coast Aquifer System was used with a constant specified annual pumpage for a 60-year predictive simulation using average recharge rates, evapotranspiration rates, and initial streamflows. A baseline pumping run results in an overall average drawdown of 11.4 feet with approximately 479,000 acre-feet per year of pumping in Groundwater Management Area 15. Additional model runs indicate that approximately 456,000, 471,000, and 488,000 acre-feet per year can be pumped from the Gulf Coast Aquifer in Groundwater Management Area 15 to achieve overall average drawdowns of 10, 11, and 12 feet respectively within GMA 15.

REQUESTOR:

This GAM Run Addendum is a follow-up to a run requested by Mr. Neil Hudgins of the Coastal Bend Groundwater Conservation District acting on behalf of Groundwater Management Area 15.

DESCRIPTION OF REQUEST:

In GAM Run 10-008 Mr. Neil Hudgins requested model runs using the groundwater availability model for the central part of the Gulf Coast Aquifer. In that model run and in the baseline run (Hutchison, 2010 and Anaya, 2010) the amount of pumping reported for Fayette County was less than the requested amount, 8,700 acre-feet per year, partly due to model cells going dry. Mr. David Van Dresar of the Fayette County Groundwater Conservation District requested that the amount of pumping for Fayette County in the model run be kept at 8,700 acre-feet per year. The baseline run (GAM Run 09-010; Anaya, 2010) and adjusted pumping runs (GAM Run 10-008; Hutchison, 2010) were repeated with the baseline pumping in Fayette County maintained at 8,700 acre-feet per year. The model runs are 60-year predictive simulations using initial water levels from the end of the 1999 historical calibration period and average recharge conditions.

METHODS:

Recharge, evapotranspiration rates, and initial streamflows were averaged for the historic calibration-verification runs, representing 1981 to 1999. These averages were then used for each year of the 60-year predictive simulation along with the requested pumpage volumes.

For Fayette County, pumping was increased uniformly so that even with dry cells the amount would not be less than 8,700 acre-feet per year. In addition it was observed that 333 acre-feet per year of pumping in Fayette County is located in Groundwater Management Area 12 so it did not appear in the GMA 15 pumpage totals in the previous runs. The pumpage total for GMA 12 is listed separately for this run. The total GMA 15 and GMA 12 baseline pumping in Fayette County for this run is 8,710 acre-feet per year.

PARAMETERS AND ASSUMPTIONS:

The groundwater availability model for the central part of the Gulf Coast Aquifer was used for this model run. The parameters and assumptions for this model are described below:

- Version 1.01 of the groundwater availability model for the central part of the Gulf Coast Aquifer was used. This model assumes partial penetrating wells in the Evangeline Aquifer due to a lack of data for aquifer properties in the lower portion of the aquifer.
- See Chowdhury and others (2004) and Waterstone and others (2003) for assumptions and limitations of the groundwater availability model for the central part of the Gulf Coast Aquifer.
- The mean absolute error (a measure of the difference between simulated and actual water levels during model calibration) in the entire model for 1999 is 26 feet, which is 4.6 percent of the hydraulic head drop across the model area (Chowdhury and others, 2004).
- The model includes four layers representing: the Chicot Aquifer (Layer 1), the Evangeline Aquifer (Layer 2), the Burkeville Confining Unit (Layer 3), and the Jasper Aquifer (Layer 4).
- Recharge rates, evapotranspiration rates, and initial streamflows are averages from the 1981 to 1999 calibration and verification time period.
- With the exception of Fayette County, the pumpage distribution was specified for GAM Run 09-010 (Anaya, 2010) and the amounts were scaled uniformly to achieve the desired overall average drawdowns.

RESULTS:

Groundwater Management Area 15 overall drawdown is 11.4 feet for the revised baseline pumping run. The county-averaged groundwater level drawdowns are listed in Table 1 and the corresponding pumping amounts are listed in Table 2.

The county-averaged groundwater level drawdowns for the 10 feet average overall drawdown are listed in Table 3 and the corresponding pumping amounts are listed in Table 4. Ten feet of overall drawdown allows a total pumping amount of 455,679 acre-feet per year in the Gulf Coast Aquifer in Groundwater Management Area 15. The county-averaged groundwater level drawdowns for the 11 feet average overall drawdown are listed in Table 5 and the corresponding pumping amounts are listed in Table 6. Eleven feet of overall drawdown allows a total pumping amount of 471,492 acre-feet per year in the Gulf Coast Aquifer in Groundwater Management Area 15. The county-averaged groundwater level drawdowns for the 12 feet average overall drawdown are listed in Table 7 and the corresponding pumping amounts are listed in Table 8. Twelve feet of overall drawdown allows a total pumping amount of 487,567 acre-feet per year in the Gulf Coast Aquifer in Groundwater Management Area 15.

REFERENCES:

Anaya, R., 2010, GAM Run 09-010, Texas Water Development Board GAM Run Report, 30 p.

Hutchison, W.R., 2010, GAM Run 10-008, Texas Water Development Board GAM Run Report, 9 p.

Chowdhury, A.H., Wade, S., Mace, R.E., and Ridgeway, C., 2004, Groundwater Availability Model of the Central Gulf Coast Aquifer System: Numerical Simulations through 1999, Texas Water Development Board, unpublished report, 114 p.

Donnelly, A.C.A., 2007a, GAM Run 07-12, Texas Water Development Board GAM Run Report, 39 p.

Waterstone Engineering, Inc., and Parsons, Inc., 2003, Groundwater Availability of the Central Gulf Coast Aquifer: Numerical Simulations to 2050 Central Gulf Coast, Texas- Final Report: contract report to the Texas Water Development Board, 158 p.

Table 1 GMA 15 Baseline Drawdown in 60 years (in feet, 1999 Starting Conditions)

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	-0.1	25.0	0.5	--	--	0.5	0.5
Bee	3.0	13.6	10.0	9.4	4.8	8.5	8.1
Calhoun	-1.0	9.1	1.9	2.6	--	1.9	1.9
Colorado	5.2	8.9	7.3	14.1	20.7	12.6	12.0
DeWitt	0.2	5.4	4.6	14.5	22.3	14.8	14.9
Fayette	--	13.8	13.8	41.6	48.4	41.4	41.4
Goliad	-1.3	3.4	2.4	7.2	9.1	5.8	5.2
Jackson	12.5	15.5	14.0	11.4	19.1	14.1	15.0
Karnes	--	-0.4	-0.4	15.7	15.4	13.9	13.4
Lavaca	4.7	5.1	5.0	14.1	28.7	15.5	16.0
Matagorda	3.2	17.7	7.6	14.4	--	8.2	7.6
Refugio	0.5	31.4	14.7	12.5	--	14.4	14.7
Victoria	-9.4	3.4	-2.7	3.2	7.4	0.6	-0.4
Wharton	11.7	3.8	7.7	18.4	21.1	13.5	11.8
Overall	3.3	9.9	6.7	13.0	20.6	11.4	10.9

Table 2 Baseline Pumping (AF/yr)

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	1,826	--	1,826	--	--	1,826	1,826
Bee	3,635	5,321	8,956	17	283	9,256	9,239
Calhoun	2,881	62	2,943	--	--	2,943	2,943
Colorado	24,448	22,649	47,097	900	--	47,997	47,997
DeWitt	999	6,933	7,932	122	6,282	14,336	14,214
Fayette (GMA 15)	--	888	888	156	7,333	8,377	8,221
Fayette (GMA 12)	--	--	--	--	333	333	333
Goliad	700	10,375	11,075	300	100	11,475	11,175
Jackson	54,678	20,211	74,889	--	--	74,889	74,889
Karnes	--	103	103	244	2,713	3,060	2,816
Lavaca	3,034	12,399	15,433	138	4,408	19,979	19,841
Matagorda	35,673	9,327	45,000	--	--	45,000	45,000
Refugio	6,254	22,501	28,755	--	--	28,755	28,755
Victoria	7,999	26,999	34,998	--	--	34,998	34,998
Wharton	108,649	66,349	174,998	--	--	174,998	174,998
Overall	250,776	204,117	454,893	1,877	21,452	478,889	476,912

**Table 3 GMA 15 10 feet scenario
 Drawdown after 60 years (in feet, 1999 Starting Conditions)**

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	-0.1	23.7	0.5	--	--	0.5	0.5
Bee	2.0	12.3	8.8	8.7	4.2	7.6	7.1
Calhoun	-1.0	7.7	1.4	2.5	--	1.4	1.4
Colorado	3.8	6.7	5.4	12.6	19.1	10.9	10.9
DeWitt	-0.2	4.8	4.1	13.3	20.7	13.6	13.7
Fayette	--	13.0	13.0	39.5	46.3	39.5	39.5
Goliad	-1.6	2.9	2.0	6.8	8.6	5.3	4.7
Jackson	10.3	11.8	11.0	9.7	18.1	11.8	12.4
Karnes	--	-0.9	-0.9	15.0	14.8	13.3	12.8
Lavaca	3.5	4.0	3.8	13.0	26.8	14.1	14.6
Matagorda	2.8	14.6	6.4	13.4	--	7.1	6.4
Refugio	0.4	29.7	13.9	11.8	--	13.6	13.9
Victoria	-9.6	1.8	-3.7	2.3	6.5	-0.3	-1.3
Wharton	9.2	-1.0	4.1	16.4	20.0	10.9	9.0
Overall	2.4	7.7	5.1	11.8	19.3	10.0	9.6

Table 4 Pumping (AF/yr) for 10 feet scenario

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	1,741	--	1,741	--	--	1,741	1,741
Bee	3,465	5,073	8,538	16	270	8,824	8,808
Calhoun	2,746	59	2,805	--	--	2,805	2,805
Colorado	23,306	21,591	44,897	--	858	45,755	45,755
DeWitt	952	6,609	7,561	117	5,989	13,667	13,550
Fayette (GMA 15)	--	847	847	156	6,991	7,994	7,838
Fayette (GMA 12)	--	--	--	--	317	317	317
Goliad	667	9,890	10,557	286	95	10,938	10,652
Jackson	52,125	19,267	71,392	--	--	71,392	71,392
Karnes	--	98	98	240	2,678	3,016	2,776
Lavaca	2,892	11,820	14,712	134	4,202	19,048	18,914
Matagorda	34,007	8,891	42,898	--	--	42,898	42,898
Refugio	5,962	21,450	27,412	--	--	27,412	27,412
Victoria	7,625	25,738	33,363	--	--	33,363	33,363
Wharton	103,575	63,251	166,826	--	--	166,826	166,826
Overall (GMA 15)	239,063	194,584	433,647	949	21,400	455,679	454,730

Table 5 GMA 15 11 feet scenario
Drawdown after 60 years (in feet, 1999 Starting Conditions)

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	-0.1	24.6	0.5	--	--	0.5	0.5
Bee	2.7	13.2	9.6	9.1	4.6	8.2	7.8
Calhoun	-1.0	8.7	1.8	2.5	--	1.8	1.8
Colorado	4.8	8.3	6.7	13.7	20.2	12.1	11.5
DeWitt	0.1	5.2	4.5	14.2	21.9	14.4	14.5
Fayette	--	13.6	13.6	41.1	47.8	40.9	40.8
Goliad	-1.4	3.3	2.3	7.1	8.9	5.7	5.0
Jackson	11.8	14.4	13.1	10.9	18.8	13.4	14.3
Karnes	--	-0.6	-0.6	15.6	15.2	13.8	13.2
Lavaca	4.4	4.8	4.6	13.8	28.1	15.1	15.6
Matagorda	3.1	16.8	7.2	14.1	--	7.9	7.2
Refugio	0.5	31.0	14.5	12.3	--	14.1	14.5
Victoria	-9.4	3.0	-3.0	2.9	7.1	0.3	-0.7
Wharton	11.0	2.4	6.7	17.9	20.8	12.8	11.0
Overall	3.1	9.3	6.2	12.7	20.2	11.0	10.5

Table 6 Pumping (AF/yr) 11 feet scenario

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	1,802	--	1,802	--	--	1,802	1,802
Bee	3,586	5,250	8,836	16	279	9,131	9,115
Calhoun	2,842	61	2,903	--	--	2,903	2,903
Colorado	24,120	22,345	46,465	--	888	47,353	47,353
DeWitt	986	6,840	7,826	121	6,198	14,145	14,024
Fayette (GMA 15)	--	876	876	157	7,235	8,268	8,111
Fayette (GMA 12)	--	--	--	--	328	328	328
Goliad	691	10,236	10,927	296	99	11,322	11,026
Jackson	53,946	19,940	73,886	--	--	73,886	73,886
Karnes	--	102	102	245	2,676	3,023	2,778
Lavaca	2,993	12,233	15,226	136	4,349	19,711	19,575
Matagorda	35,195	9,202	44,397	--	--	44,397	44,397
Refugio	6,170	22,199	28,369	--	--	28,369	28,369
Victoria	7,892	26,637	34,529	--	--	34,529	34,529
Wharton	107,193	65,460	172,653	--	--	172,653	172,653
Overall (GMA 15)	247,416	201,381	448,797	971	22,052	471,492	470,521

Table 7 GMA 15 12 feet scenario
Drawdown after 60 years (in feet, 1999 Starting Conditions)

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	0.0	25.6	0.6	--	--	0.6	0.6
Bee	3.3	14.2	10.5	9.7	5.1	8.9	8.5
Calhoun	-0.9	9.7	2.1	2.6	--	2.1	2.1
Colorado	5.9	9.8	8.1	14.7	21.3	13.3	12.8
DeWitt	0.3	5.6	4.8	15.0	23.0	15.3	15.4
Fayette	--	14.2	14.2	42.4	49.3	42.2	42.1
Goliad	-1.2	3.7	2.6	7.4	9.3	6.0	5.4
Jackson	13.4	17.1	15.2	12.1	19.6	15.1	16.1
Karnes	--	-0.2	-0.2	16.1	15.7	14.3	13.7
Lavaca	5.3	5.6	5.5	14.7	29.4	16.1	16.7
Matagorda	3.3	19.0	8.1	14.8	--	8.7	8.1
Refugio	0.6	32.2	15.1	12.8	--	14.7	15.1
Victoria	-9.2	4.1	-2.3	3.5	7.8	1.0	0.0
Wharton	12.7	5.8	9.3	19.3	21.6	14.7	13.1
Overall	3.7	10.8	7.4	13.5	21.1	12.0	11.5

Pumping (AF/yr) 12 feet scenario

County	Chicot	Evangeline	Chicot+ Evangeline	Burkeville	Jasper	Overall	Overall (without Burkeville)
Aransas	1,863	--	1,863	--	--	1,863	1,863
Bee	3,707	5,480	9,187	17	289	9,493	9,476
Calhoun	2,939	63	3,002	--	--	3,002	3,002
Colorado	24,937	23,102	48,039	--	918	48,957	48,957
DeWitt	1,019	7,071	8,090	128	6,408	14,626	14,498
Fayette (GMA 15)	--	906	906	157	7,408	8,490	8,314
Fayette (GMA 12)	--	--	--	--	339	339	339
Goliad	714	10,582	11,296	306	102	11,704	11,398
Jackson	55,772	20,615	76,387	--	--	76,387	76,387
Karnes	--	105	105	261	2,865	3,231	2,970
Lavaca	3,095	12,647	15,742	151	4,496	20,389	20,238
Matagorda	36,386	9,513	45,899	--	--	45,899	45,899
Refugio	6,379	22,951	29,330	--	--	29,330	29,330
Victoria	8,159	27,539	35,698	--	--	35,698	35,698
Wharton	110,822	67,676	178,498	--	--	178,498	178,498
Overall (GMA 15)	255,792	208,250	464,042	1,039	22,486	487,567	486,528