Texas Water Development Board

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

March 20, 2012

Mr. Charles Shell
General Manager
Central Texas Groundwater Conservation District
P.O. Box 870
Burnet, TX 78611

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Shell:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 1, 2011, from Eddy Daniel of the North Texas Groundwater Conservation District on behalf of Groundwater Management Area 8, desired future conditions were adopted for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, Trinity, and Woodbine aquifers on April 27, 2011. The desired future conditions for the Brazos River Alluvium, Nacatoch, and Woodbine aquifers were modified on June 23, 2011, as noted in the letters from Mr. Daniel received by TWDB on September 1, 2011. This mail out does not include GAM Run 10-064 MAG for the Woodbine Aquifer, which will be finalized at a later date.

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If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.texas.gov for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

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c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
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March 20, 2012

Mr. Dirk Aaron
General Manager
Clearwater Underground Water Conservation District
P.O. Box 729
Belton, TX 76513

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Aaron:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

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Melanie Callahan

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Executive Administrator

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March 20, 2012

Mr. Glen Love, Jr.
President
Fox Crossing Water District
P.O. Box 728
Goldthwaite, TX 76844

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Love:

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March 20, 2012

Mr. Joe Cooper
General Manager
Middle Trinity Groundwater Conservation District
930 N. Wolfe Nursery Road
Stephenville, TX 76401

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Cooper:

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March 20, 2012

Mr. Ronny Young
President
North Texas Groundwater Conservation District
P.O. Box 508
Gainesville, TX 76241

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Young:

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March 20, 2012

Mr. Russell Laughlin
President
Northern Trinity Groundwater Conservation District
c/o Benbrook Water Authority
1121 Mercedes St.
Benbrook, TX 76126

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Laughlin:

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c w/atts.:
L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Kerry Maroney, Biggs & Mathews
Tom Gooch, Freese & Nichols, Inc.
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March 20, 2012

Mr. Gary Westbrook
General Manager
Post Oak Savannah Groundwater Conservation District
P.O. Box 92
Milano, TX 76556

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Westbrook:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 1, 2011, from Eddy Daniel of the North Texas Groundwater Conservation District on behalf of Groundwater Management Area 8, desired future conditions were adopted for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, Trinity, and Woodbine aquifers on April 27, 2011. The desired future conditions for the Brazos River Alluvium, Nacatoch, and Woodbine aquifers were modified on June 23, 2011, as noted in the letters from Mr. Daniel received by TWDB on September 1, 2011. This mail out does not include GAM Run 10-064 MAG for the Woodbine Aquifer, which will be finalized at a later date.

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Melanie Callahan, Executive Administrator

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If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.texas.gov for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

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March 20, 2012

Mr. Joshua Grimes
General Manager
Prairielands Groundwater Conservation District
P.O. Box 3125
Cleburne, TX 76033

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Grimes:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

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Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports (except GAM Run 11-011 MAG), which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

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Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

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c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
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March 20, 2012

Mr. Butch Henderson
President
Red River Groundwater Conservation District
5100 Airport Drive
Denison, TX 75020

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Henderson:

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Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

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March 20, 2012

Mr. Randy McGuire
General Manager
Saratoga Underground Water Conservation District
P.O. Box 231
Lampasas, TX 76550

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. McGuire:

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Sincerely,

Melanie Callahan

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Executive Administrator

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March 20, 2012

Mr. Scooter Radcliffe
Interim General Manager
Southern Trinity Groundwater Conservation District
P.O. Box 2205
Waco, TX 76703

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Radcliffe:

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March 20, 2012

Mr. Bob Patterson
General Manager
Upper Trinity Groundwater Conservation District
P.O. Box 1749
Springtown, TX 76082

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Patterson:

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Executive Administrator

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March 20, 2012

Mr. Curtis Campbell
Region B Regional Water Planning Group Chairman
Red River Authority of Texas
P.O. Box 240
Wichita Falls, TX 76307

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Campbell:

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March 20, 2012

Mr. James Parks
Region C Regional Water Planning Group Chairman
North Texas Municipal Water District
P.O. Box 2408
Wylie, TX 75098

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Parks:

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March 20, 2012

Mr. Bret McCoy
North East Texas Regional Water Planning Group Chairman
Edward Jones Investments
700 CR 3347
Omaha, TX 75571

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. McCoy:

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March 20, 2012

Mr. John Grant
Region F Water Planning Group Chairman
Colorado River MWD
P.O. Box 869
Big Spring, TX 79721

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

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March 20, 2012

Mr. Scott Diermann
Brazos Regional Water Planning Group Chairman
Luminant Power
1601 Bryan Street
Dallas, TX 75201

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

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Walt Sears Jr., North Texas Municipal Water District
Phil Ford, Brazos River Authority
James Kowis, Lower Colorado River Authority
Jerry Clark, Sabine River Authority
Nancy Rose, Sulphur River Basin Authority
J. Kevin Ward, Trinity River Authority
Robert E. Mace, Ph.D, P.G., Deputy Executive Administrator, Water Science and Conservation
Larry French, P.G., Groundwater Resources
Cindy Ridgeway, P.G., Groundwater Resources
Rima Petrossian, P.G., Groundwater Resources
Robert Bradley, P.G., Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
Lann Bookout, Water Resources Planning
Angela Kennedy, Water Resources Planning
Doug Shaw, Water Resources Planning
Wendy Barron, Water Resources Planning

Texas Water Development Board

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Phone (512) 463-7847, Fax (512) 475-2053

March 20, 2012

Mr. John Burke
Lower Colorado Regional Water Planning Group Chairman
John Burke & Associates
496 Shiloh Road
Bastrop, TX 78602

Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Burke:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 1, 2011, from Eddy Daniel of the North Texas Groundwater Conservation District on behalf of Groundwater Management Area 8, desired future conditions were adopted for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, Trinity, and Woodbine aquifers on April 27, 2011. The desired future conditions for the Brazos River Alluvium, Nacatoch, and Woodbine aquifers were modified on June 23, 2011, as noted in the letters from Mr. Daniel received by TWDB on September 1, 2011. This mail out does not include GAM Run 10-064 MAG for the Woodbine Aquifer, which will be finalized at a later date.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports (except GAM Run 11-011 MAG), which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is,

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therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.texas.gov for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

Attachments: GAM Run 11-011 MAG
GAM Run 10-063 MAG
GAM Run 10-065 MAG
GTA Aquifer Assessment 10-15 MAG
GTA Aquifer Assessment 10-16 MAG
GTA Aquifer Assessment 10-17 MAG
GTA Aquifer Assessment 10-18 MAG
GTA Aquifer Assessment 10-19 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Kerry Maroney, Biggs & Mathews
Tom Gooch, Freese & Nichols, Inc.
Simone Kiel, Freese & Nichols, Inc.
David Harkins, Epsey Consultants, Inc.
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