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

July 10, 2012

Mr. Ferrel Wheeler
President
Garza County Underground Water Conservation District
300 W. Main Street
Post, TX 79356

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Wheeler:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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 previous versions of GAM Run 10-035 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.

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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

Attachment: GAM Run 10-035 MAG Version 3

c w/att.: 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
Will Wilde, City of San Angelo Water Utilities
Curtis Campbell, Red River Authority
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July 10, 2012

Mr. Jim Conkwright
General Manager
High Plains Underground Water Conservation District No. 1
2930 Avenue Q
Lubbock, TX 79411

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Conkwright:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

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July 10, 2012

Ms. Lori Barnes
General Manager
Llano Estacado Underground Water Conservation District
200 S.E. Avenue C
Seminole, TX 79360

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Ms. Barnes:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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Melanie Callahan

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Executive Administrator

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July 10, 2012

Mr. Harvey Everheart
General Manager
Mesa Underground Water Conservation District
P.O. Box 497
Lamesa, TX 79331

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Everheart:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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Executive Administrator

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July 10, 2012

Ms. Leatrice Adams
General Manager
Permian Basin Underground Water Conservation District
P.O. Box 1314
Stanton, TX 79782

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Ms. Adams:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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Executive Administrator

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July 10, 2012

Mr. Gary Walker
General Manager
Sandy Land Underground Water Conservation District
P.O. Box 130
Plains, TX 79355

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Walker:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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Executive Administrator

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July 10, 2012

Mr. Jason Coleman
General Manager
South Plains Underground Water Conservation District
P.O. Box 986
Brownfield, TX 79316

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Coleman:

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July 10, 2012

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

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Grant:

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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

Attachment: GAM Run 10-035 MAG Version 3

c w/att.: 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
Will Wilde, City of San Angelo Water Utilities
Curtis Campbell, Red River Authority
Phil Ford, Brazos River Authority
Simone Kiel, Freese & Nichols, Inc.
Stefan Schuster, Daniel B. Stevens and Associates, Inc.
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
Radu Boghici, P.G., Groundwater Resources
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
Angela Kennedy, Water Resources Planning
Doug Shaw, Water Resources Planning
Wendy Barron, Water Resources Planning

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

July 10, 2012

Mr. Harold Brown
Llano Estacado Regional Water Planning Group Chairman
Texas Cattle Feeders
3101 19th Street
Lubbock, TX 79410

Re: Revised modeled available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 2

Dear Mr. Brown:

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 report (GAM Run 10-035 MAG Version 3) are in response to this directive.

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 previous versions of GAM Run 10-035 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.

The previous versions of GAM Run 10-035 MAG also included pumping values for counties that were declared "not-relevant" for joint planning purposes by Groundwater Management Area 2. Since modeled available groundwater only applies to areas with a specified desired future condition, the third version of this report has been updated to depict modeled available groundwater in relevant counties only.

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).

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas

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F.A. "Rick" Rylander, Member

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 conditions 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, 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

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Executive Administrator

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