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

June 25, 2012

Ms. Leah Adams
General Manager
Panola County Groundwater Conservation District
419 W. Sabine Street
Carthage, TX 75633

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

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 10-016 MAG Version 2) are in response to this directive.

As noted in the letter received by the TWDB on May 6, 2010, from Monique Norman, Attorney at Law, and Len Luscomb of the Rusk County Groundwater Conservation District on behalf of Groundwater Management Area 11, desired future conditions were adopted for the Yegua-Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers on April 13, 2010.

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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 10-016 MAG (Version 2)

c w/att.: L'Oreal Stepney, Texas Commission of Environmental Quality
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June 25, 2012

Mr. David Alford
General Manager
Pineywoods Groundwater Conservation District
P.O. Box 635187
Nacogdoches, TX 75963

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Alford:

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June 25, 2012

Ms. Linda Bedre
Secretary
Anderson County Underground Water Conservation District
2128 Anderson County Road 432
Palestine, TX 75803

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Ms. Bedre:

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June 25, 2012

Mr. Mark Evans
Region H Water Planning Group Chairman
Trinity County
P.O. Box 2342
Groveton, TX 75862

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Evans:

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June 25, 2012

Mr. Kelley Holcomb
East Texas Regional Water Planning Group Chairman
Angelina & Neches River Authority
P.O. Box 387
Lufkin, TX 75902

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Holcomb:

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June 25, 2012

Mr. Len Luscomb
General Manager
Rusk County Groundwater Conservation District
P.O. Box 97
Henderson, TX 75653

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Luscomb:

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June 25, 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 Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. McCoy:

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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

June 25, 2012

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

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Parks:

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 10-016 MAG Version 2) are in response to this directive.

As noted in the letter received by the TWDB on May 6, 2010, from Monique Norman, Attorney at Law, and Len Luscomb of the Rusk County Groundwater Conservation District on behalf of Groundwater Management Area 11, desired future conditions were adopted for the Yegua-Jackson, Sparta, Weches, Queen City, Reklaw, and Carrizo-Wilcox aquifers on April 13, 2010.

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 first version of this report, 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 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

Our Mission

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

Board Members

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Joe M. Crutcher, Vice Chairman
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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

Attachment: GAM Run 10-016 MAG (Version 2)

c w/att.: L'Oreal Stepney, Texas Commission of Environmental Quality
Kellye Rila, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
Tom Gooch, Freese & Nichols, Inc.
David Harkins, Epsey Consultants, Inc.
Michael Reedy, Freese & Nichols, Inc.
Rex Hunt, Alan Plummer Associates, Inc.
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June 25, 2012

Mr. Roy Rodgers
General Manager
Neches & Trinity Valleys Groundwater Conservation District
P.O. Box 1387
Jacksonville, TX 75766

Re: Modeled available groundwater estimates for the Yegua-Jackson, Sparta, Queen City, and Carrizo-Wilcox aquifers in Groundwater Management Area 11

Dear Mr. Rodgers:

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