Texas Water Development Board

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

June 24, 2011

Mr. Zack Holland
General Manager
Bluebonnet Groundwater Conservation District
P.O. Box 269
Navasota, TX 77868

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Mr. Holland:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's executive administrator shall provide each district and regional water planning group located wholly or partly within a groundwater management area with the managed available groundwater (MAG) in the management area based upon the desired future condition(s) of the groundwater resource. This letter and the attached reports (GTA Aquifer Assessment 10-30 MAG, GTA Aquifer Assessment 10-31 MAG, GTA Aquifer Assessment 10-32 MAG, GTA Aquifer Assessment 10-33 MAG, and GTA Aquifer Assessment 10-34 MAG) are in response to this directive.

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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.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GTA Aquifer Assessment 10-30 MAG
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June 24, 2011

Mr. John Pyburn
President
Brazoria County Groundwater Conservation District
111 East Locust, Building A-29, Suite 140
Angleton, TX 77515

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Mr. Pyburn:

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Interim Executive Administrator

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June 24, 2011

Mr. Ralph Crum
General Manager
Brazos Valley Groundwater Conservation District
P.O. Box 528
Hearne, TX 77859

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Mr. Crum:

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June 24, 2011

Ms. Kathy Jones
General Manager
Lone Star Groundwater Conservation District
P.O. Box 2467
Conroe, TX 77305

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Ms. Jones:

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June 24, 2011

Mr. Bill Jacobs
General Manager
Lower Trinity Groundwater Conservation District
P.O. Box 1879
Livingston, TX 77351

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

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June 24, 2011

Mr. John Martin
General Manager
Southeast Texas Groundwater Conservation District
P.O. Box 1407
Jasper, TX 75951

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

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June 24, 2011

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

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Mr. Diermann:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's executive administrator shall provide each district and regional water planning group located wholly or partly within a groundwater management area with the managed available groundwater (MAG) in the management area based upon the desired future condition(s) of the groundwater resource. This letter and the attached reports (GTA Aquifer Assessment 10-30 MAG, GTA Aquifer Assessment 10-31 MAG, GTA Aquifer Assessment 10-32 MAG, GTA Aquifer Assessment 10-33 MAG, and GTA Aquifer Assessment 10-34 MAG) are in response to this directive.

As noted in the letter received by the Texas Water Development Board (TWDB) on August 30, 2010, from Lloyd Behm of the Bluebonnet Groundwater Conservation District on behalf of Groundwater Management Area 14, desired future conditions were adopted for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers on August 25, 2010.

Managed available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that may be permitted by a district for beneficial use in accordance with the desired future condition of the aquifer as determined under Section 36.108." For use in the regional water planning process, total pumping estimates (water both subject to permitting and exempt from permitting) 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). The managed available groundwater is the portion of the estimated total pumping that is available for permitting by districts. In order to calculate the managed available groundwater, TWDB first estimated and sought input from the groundwater conservation districts on the amount of water exempt from permitting. Since managed available groundwater is a permitting value that only applies within a groundwater conservation district, it has been reported only at the groundwater conservation district level.

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Melanie Callahan, Interim Executive Administrator

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the total pumping and managed available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated total pumping and managed available groundwater using the best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of 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.state.tx.us for further information.

Sincerely,

Melanie Callahan

Melanie Callahan
Interim Executive Administrator

Attachments: GTA Aquifer Assessment 10-30 MAG
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c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
Linda Brookins, Texas Commission of Environmental Quality
Cary Betz, Texas Commission of Environmental Quality
Kelly Mills, Texas Commission of Environmental Quality
David Dunn, HDR Engineering
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Texas Water Development Board

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

June 24, 2011

Mr. Mark Evans
Region H Water Planning Group Chairman
Trinity County Courthouse
P.O. Box 457
Groveton, TX 75845

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

Dear Mr. Evans:

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June 24, 2011

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

Re: Total pumping and managed available groundwater estimates for the Brazos River Alluvium, Navasota River Alluvium, San Bernard River Alluvium, San Jacinto River Alluvium, and Trinity River Alluvium aquifers in Groundwater Management Area 14

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