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

August 21, 2012

Mr. Kirk Holland
General Manager
Barton Springs/Edwards Aquifer Conservation District
1124-A Regal Row
Austin, TX 78748

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Holland:

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 (Aquifer Assessment 10-07 MAG) are in response to this directive.

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Sincerely,

Melanie Callahan

Melanie Callahan
Executive Administrator

Attachment: Aquifer Assessment 10-07 MAG

c w/att.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
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August 21, 2012

Mr. Rick Illgner
Governmental Affairs Officer
Edwards Aquifer Authority
1615 N. St. Mary's
San Antonio, TX 78215

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Illgner:

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 (Aquifer Assessment 10-07 MAG) are in response to this directive.

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August 21, 2012

Mr. Ron Naumann
President
Guadalupe County Groundwater Conservation District
P.O. Box 1221
Seguin, TX 78156

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Naumann:

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 (Aquifer Assessment 10-07 MAG) are in response to this directive.

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August 21, 2012

Mr. Ken Carver
General Manager
Kinney County Groundwater Conservation District
P.O. Box 369
Brackettville, TX 78832

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Carver:

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 (Aquifer Assessment 10-07 MAG) are in response to this directive.

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Sincerely,

Melanie Callahan

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Executive Administrator

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August 21, 2012

Ms. Luana Buckner
General Manager
Medina County Groundwater Conservation District
1613 Avenue K, Suite 105
Hondo, TX 78861

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Ms. Buckner:

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August 21, 2012

Mr. Daniel Meyer
Assistant Manager
Plum Creek Conservation District
P.O. Box 328
Lockhart, TX 78644

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Meyer:

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August 21, 2012

Mr. Vic Hilderbran
General Manager
Uvalde County Underground Water Conservation District
200 E. Nopal Street, Suite 203
Uvalde, TX 78801

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Hilderbran:

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August 21, 2012

Mr. Jonathan Letz
Plateau Regional Water Planning Group Chairman
Kerr County
700 Main Street, Suite 101
Kerrville, TX 78028

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Letz:

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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

August 21, 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 Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

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 report (Aquifer Assessment 10-07 MAG) are in response to this directive.

As noted in the letter received by the TWDB on August 11, 2010, from Rick Illgner of the Edwards Aquifer Authority on behalf of Groundwater Management Area 10, the desired future condition for the Leona Gravel Aquifer in Medina County was adopted on May 17, 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." 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, 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.

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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Monte Cluck, Member
F.A. "Rick" Rylander, Member

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: Aquifer Assessment 10-07 MAG

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
John Ashworth, LBG-Guyton
Jaime Burke, AECOM, Inc.
Sam Vaugh, HDR Engineering
James Kowis, Lower Colorado River Authority
Raymond Buck, Upper Guadalupe River Authority
Steve Raabe, San Antonio River Authority
Bill West, Guadalupe-Blanco River Authority
Rocky Freund, Nueces 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
David Meesey, Water Resources Planning and Information
Dan Hardin, Water Resources Planning
Matt Nelson, Water Resources Planning
Temple McKinnon, Water Resources Planning
Connie Townsend, Water Resources Planning
Wendy Barron, Water Resources Planning

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August 21, 2012

Mr. Con Mims
South Central Texas Regional Water Planning Group Chairman
Nueces River Authority
P.O. Box 349
Uvalde, TX 78802

Re: Modeled available groundwater estimates for the Leona Gravel Aquifer in Groundwater Management Area 10 for Medina County

Dear Mr. Mims:

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