May 19, 2017

Mr. Lonnie Stewart
General Manager
Bee Groundwater Conservation District
P.O. Box 682
Beeville, TX 78104

Dear Mr. Stewart:

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 17-025 MAG) are in response to this directive.

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Please contact Dr. Rima Petrossian of our Groundwater Technical Assistance staff at 512-936-2420 or rima.petrossian@twdb.texas.gov if you have any questions or need any further information.

Respectfully,

Jeff Walker
Executive Administrator

Attachment: GAM Run 17-025 MAG

c w/att.: David O'Rourke, Groundwater Consultant
Rocky Freund, Nueces River Authority
Kristi Shaw, HDR, Inc.
Ron Garza, Lower Rio Grande Valley Development Council
Sara Eatman, Black & Veatch Corp.
L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission on Environmental Quality
Kim Wilson, Texas Commission on Environmental Quality
Kelly Mills, Texas Commission on Environmental Quality
Robert Mace, Deputy Executive Administrator, Water Science and Conservation
Larry French, Groundwater Division
Temple McKinnon, Water Use, Projections, & Planning
Sarah Backhouse, Water Use, Projections, & Planning
Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Felix Saenz
General Manager
Brush Country Groundwater Conservation District
P.O. Box 136
Falfurrias, TX 78355

Dear Mr. Saenz:

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Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Larijai Francis  
City Project Manager-Water Resources  
Corpus Christi Aquifer Storage and Recovery Conservation District  
P.O. Box 9277  
Corpus Christi, TX 78469

Dear Mr. Francis:

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Temple McKinnon, Water Use, Projections, & Planning
Sarah Backhouse, Water Use, Projections, & Planning
Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Luis Pena
General Manager
Duval County Groundwater Conservation District
P.O. Box 506
Benavides, TX 78341

Dear Mr. Pena:

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Sarah Backhouse, Water Use, Projections, & Planning
Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Andy Garza  
General Manager  
Kenedy County Groundwater Conservation District  
P.O. Box 212  
Sarita, TX 78385

Dear Mr. Garza:

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Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Lonnie Stewart
Manager
Live Oak Underground Water Conservation District
3460A Highway 281
George West, TX 78022

Dear Mr. Stewart:

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Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Lonnie Stewart  
Manager  
McMullen Groundwater Conservation District  
P.O. Box 232  
Tilden, TX 78072  

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Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Mr. Armando Vela  
President  
Red Sands Groundwater Conservation District  
P.O. Box 229  
Linn, TX 78563

Dear Mr. Vela:

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May 19, 2017

Mr. Lonnie Stewart
Manager
San Patricio County Groundwater Conservation District
P.O. Box 531
Sinton, TX 78387

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May 19, 2017

Mr. Baldemar Garza
Chairman
Starr County Groundwater Conservation District
601 E. Main Street
Rio Grande City, TX 78582

Dear Mr. Garza:

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May 19, 2017

Mr. Tomas Rodriguez, Jr.
Chair
Rio Grande Regional Water Planning Group
310 Chetumal Dr.
Laredo, TX 78045

Dear Mr. Rodriguez, Jr.:

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May 19, 2017

Mr. Scott Bledsoe, III
Groundwater Management Area 16 Coordinator
c/o Live Oak UWCD
P.O. Box 3
Oakville, TX 78060

Dear Mr. Bledsoe, III:

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 17-025 MAG) are in response to this directive. One copy of the report is for you as the Groundwater Management Area 16 Coordinator and the second copy is for you as the Coastal Bend Regional Water Planning Co-Chair for regional water planning purposes.

District representatives in Groundwater Management Area 16 adopted desired future conditions for the Gulf Coast Aquifer System on January 17, 2017. The TWDB received the desired future condition explanatory report and related material from the Groundwater Management Area 16 groundwater consultant, David O’Rourke, on January 26, 2017 and April 4, 2017.

Texas Water Code, Section 36.001, Subsection (25) defines modeled available groundwater 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.” We report modeled available groundwater estimates by aquifer, groundwater conservation district, county, regional water planning area, and river basin for use by groundwater conservation districts and for use in the regional water planning process.

I 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. The estimates of modeled available groundwater are the pumping volumes 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. I encourage districts to continue to work with us to better define modeled available groundwater as additional information may help better assess responses of the aquifer to pumping and the distribution of pumping now and in the future.

Please contact Dr. Rima Petrossian of our Groundwater Technical Assistance staff at 512-936-2420 or rima.petrossian@twdb.texas.gov if you have any questions or need any further information.

Respectfully,

Jeff Walker
Executive Administrator

Attachment: GAM Run 17-025 MAG

c w/att.: David O'Rourke, Groundwater Consultant
Rocky Freund, Nueces River Authority
Kristi Shaw, HDR, Inc.
Ron Garza, Lower Rio Grande Valley Development Council
Sara Eatman, Black & Veatch Corp.
L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission on Environmental Quality
Kim Wilson, Texas Commission on Environmental Quality
Kelly Mills, Texas Commission on Environmental Quality
Robert Mace, Deputy Executive Administrator, Water Science and Conservation
Larry French, Groundwater Division
Temple McKinnon, Water Use, Projections, & Planning
Sarah Backhouse, Water Use, Projections, & Planning
Sabrina Anderson, Water Use, Projections, & Planning
May 19, 2017

Ms. Carola Serrato  
Co-Chair  
Coastal Bend Regional Water Planning Group  
c/o South Texas Water Authority  
P.O. Box 1701  
Kingsville, TX 78364

Dear Ms. Serrato:

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