

April 19, 2017

Mr. Jason Coleman, P.E.  
General Manager  
High Plains Underground Water Conservation District No. 1  
2930 Avenue Q  
Lubbock, TX 79411

Dear Mr. Coleman:

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 16-029 MAG) are in response to this directive.

Groundwater Management Area 1 adopted desired future conditions for the Ogallala, Rita Blanca, and Dockum aquifers on November 2, 2016, as noted in the letter from Kyle Ingham, Groundwater Management Area 1 Administrative Coordinator, received by the TWDB on December 20, 2016.

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." Modeled available groundwater estimates are reported 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.

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. 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

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Jason Coleman, General Manager

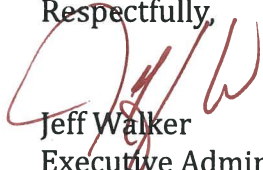
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is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

Please contact Dr. Rima Petrossian of our Groundwater Technical Assistance staff at 512-936-2420 or [rima.pertossian@twdb.texas.gov](mailto:rima.pertossian@twdb.texas.gov) if you have any questions or need any further information.

Respectfully,



Jeff Walker  
Executive Administrator

Attachment: GAM Run 16-029 MAG

c w/att: Simone Kiel, Freese & Nichols, Inc.  
L'Oreal Stepney, Deputy Director, Office of Water, 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

April 19, 2017

Ms. Janet Guthrie  
General Manager  
Hemphill County Underground Water Conservation District  
P.O. Box 1142  
Canadian, TX 79014

Dear Ms. Guthrie:

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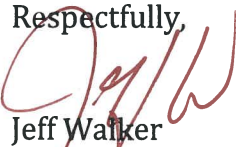
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Sabrina Anderson, Water Use, Projections & Planning

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Mr. Steven D. Walthour  
General Manager  
North Plains Groundwater Conservation District  
P.O. Box 795  
Dumas, TX 79029

Dear Mr. Walthour:

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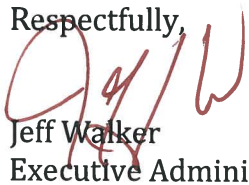
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Sarah Backhouse, Water Use, Projections & Planning  
Sabrina Anderson, Water Use, Projections & Planning

April 19, 2017

Mr. C.E. Williams  
General Manager  
Panhandle Groundwater Conservation District  
P.O. Box 637  
White Deer, TX 79097

Dear Mr. Williams:

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 reports (GAM Run 16-029 MAG) are in response to this directive. One copy of the report is for you as Panhandle Groundwater Conservation District General Manager for district purposes. The second copy of the report is for you as the Panhandle Regional Water Planning Group Chair for regional water planning purposes.

Groundwater Management Area 1 adopted desired future conditions for the Ogallala, Rita Blanca, and Dockum aquifers on November 2, 2016, as noted in the letter from Kyle Ingham, Groundwater Management Area 1 Administrative Coordinator, received by the TWDB on December 20, 2016.

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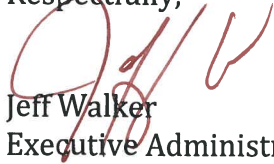
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April 19, 2017

Mr. Kyle Ingham  
Groundwater Management Area 1 Coordinator  
c/o Panhandle Regional Planning Commission  
415 W. West 8th Ave.  
Amarillo, Texas 79101

Dear Mr. Ingham:

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