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
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 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:

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.

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Jeff Walker
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Sarah Backhouse, Water Use, Projections & Planning
Sabrina Anderson, Water Use, Projections & Planning
April 19, 2017

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

Dear Mr. Walthour:

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.

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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.

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Respectfully,

Jeff Walker
Executive Administrator

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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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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 data.
C.E. Williams, General Manager
April 19, 2017
Page 2

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Jeff Walker
Executive Administrator

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Sabrina Anderson, Water Use, Projections & Planning
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:

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.

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