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

August 31, 2011

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

Re: Revised managed available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 1

Dear Ms. Guthrie:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's (TWDB) 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 report (GAM Run 10-019 MAG Version 2) are in response to this directive.

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." The managed available groundwater is, therefore, the estimated total pumping that would have to occur to achieve the desired future condition less the amount of pumping exempt from permitting. 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. After releasing the first version of GAM Run 10-019 MAG, the TWDB received updated estimates of pumping exempt from permitting for High Plains Underground Water Conservation District No. 1. This second version of the report incorporates these updated estimates.

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 that would have to occur to achieve the desired future condition and managed available groundwater 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.

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: GAM Run 10-019 MAG Version 2

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
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August 31, 2011

Mr. Jim Conkwright
General Manager
High Plains Underground Water Conservation District No. 1
2930 Avenue Q
Lubbock, TX 79411

Re: Revised managed available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 1

Dear Mr. Conkwright:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's (TWDB) 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 report (GAM Run 10-019 MAG Version 2) are in response to this directive.

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August 31, 2011

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

Re: Revised managed available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 1

Dear Mr. Walthour:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's (TWDB) 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 report (GAM Run 10-019 MAG Version 2) are in response to this directive.

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August 31, 2011

Mr. C. E. Williams
Panhandle Regional Water Planning Group Chairman and General Manager
Panhandle Groundwater Conservation District
P.O. Box 637
White Deer, TX 79097

Re: Revised managed available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 1

Dear Mr. Williams:

The Texas Water Code, Section 36.108, Subsection (o), states that the Texas Water Development Board's (TWDB) 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 report (GAM Run 10-019 MAG Version 2) are in response to this directive.

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August 31, 2011

Mr. Kyle Ingham
Local Government Services Director
Panhandle Regional Planning Commission
P.O. Box 9257
Amarillo, TX 79105

Re: Revised managed available groundwater estimates for the Dockum Aquifer in Groundwater Management Area 1

Dear Mr. Ingham:

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