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Jackie McClaskey, Secretary

Governor Sam Brownback

October 6, 2017

TIM BOESE  
EQUUS BEDS GMD NO. 2  
313 SPRUCE ST  
HALSTEAD KS 67056-1925

RE: Appropriation Application Processing Suspension Area

Dear Mr. Boese:

We have reviewed your request to extend and expand the suspension on processing new groundwater appropriation applications to allow for the completion of the study on changing the District's safe yield regulation and calculation methods in defined areas. The enclosed orders apply the suspension on processing new applications to appropriate water filed in defined sections within the boundaries of the Equus Beds Groundwater Management District No. 2, including the recently added areas within McPherson county. These orders will be in effect until March 1, 2018, unless a written request for extension is received prior to the expiration dates of these orders.

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "David W. Barfield".

David W. Barfield, P.E. Chief Engineer  
Division of Water Resources  
Kansas Department of Agriculture

Enclosures

pc: Jeff Lanterman



**KANSAS DEPARTMENT OF AGRICULTURE**  
Jackie McClaskey, Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
David W. Barfield, Chief Engineer

**FINDINGS AND ORDER**  
**IN THE MATTER OF THE EXTENSION AND EXPANSION OF**  
**THE TEMPORARY SUSPENSION OF PROCESSING NEW APPROPRIATION APPLICATIONS**  
**FILED IN SELECT AREAS WITHIN THE BOUNDARY OF**  
**EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2**

**COMES NOW**, the Chief Engineer, Kansas Department of Agriculture, Division of Water Resources (hereafter referred to as the "Chief Engineer"), who, after due consideration, makes the following Findings and Order:

**FINDINGS OF FACT**

1. That on November 10, 2015, and December 8, 2015, the Board of Directors ("Board") of Equus Beds Groundwater Management District No. 2 ("GMD No. 2") reviewed and ultimately approved a proposal by the Kansas Geological Survey to complete technical work to assist in determining if the safe yield calculations and recharge rates should be revised in GMD No. 2.
2. That on May 16, 2016, Tim Boese, Manager of GMD No. 2, submitted a letter to the Chief Engineer requesting that due to declining trends in groundwater levels "new applications for groundwater appropriation filed on or after May 10, 2016 within the areas defined in the following table be suspended for processing for up to 14 months to allow for further study and possible recommendations by the District, including modifications to the District's safe yield regulation and calculations. Additionally, any new groundwater appropriation application filed on or after May 10, 2016, would be subject to any changes to the safe yield regulation and calculation."
3. That in an order regarding the Temporary Suspension of Processing New Applications dated August 10, 2016, the Chief Engineer determined that it was in the public interest to order the suspension of processing for permits to appropriate water for beneficial use in the defined areas within the boundaries of GMD No. 2, until October 10, 2017, subject to applicable terms and conditions, so that the Board could further consider the matter of safe yield within portions of GMD No. 2. The moratorium applied to the following areas:

<b>Township</b>	<b>Range</b>	<b>Sections</b>	<b>Township</b>	<b>Range</b>	<b>Sections</b>
18 south	4 west	20, 21, 25-29, and 32-36	21 south	1 west	7, 18, 19, 30, and 31
18 south	3 west	28-33	22 south	4 west	1-3, and 10-12
20 south	4 west	13-16, 21-28, and 33-36	22 south	3 west	1-14, 24, and 25
20 south	3 west	15-22, and 27-35	22 south	2 west	1-36
21 south	4 west	1-3, 10-15, 22-27, and 34-36	22 south	1 west	6, 7, 18, 19, 30, and 31
21 south	3 west	2-11, and 13-36	23 south	2 west	2-9
21 south	2 west	12, 13, and 17-36			

4. At the request of the Board at their August 9, 2017 meeting, Tim Boese submitted a request to Chief Engineer dated August 11, 2017, requesting an extension of the previous order until March 1, 2018, to allow time for the Board to complete the safe yield study.
5. That by order dated July 7, 2017, the Chief Engineer, following a petition from GMD No. 2 and subsequent public hearing, ordered the expansion of the boundaries of GMD No. 2 to include additional areas within Reno, McPherson, and Sedgwick counties.

## Findings and Order

6. Further, in his August 11, 2017 letter, Tim Boese requested that the areas recently added to GMD No. 2 in McPherson County also be included under the moratorium order as that area is “adjacent to the current suspension area and also needs to be studied to determine appropriate safe yield calculations and methods to be consistent with the current suspension area.” This expansion of the moratorium was requested to begin effective on application files dated on or after August 9, 2017 through March 1, 2018 and would include the additional following areas:

Township	Range	Sections
19 south	1 west	19-23, 26-30
19 south	2 west	19-36
19 south	3 west	23-26, 35, 36
20 south	2 west	1-36
20 south	3 west	1, 2, 11-14, 23-26, 36
21 south	2 west	1-11, 14-16
21 south	3 west	1, 12

#### APPLICABLE LAW

7. K.S.A. 82a-706 requires the Chief Engineer to enforce and administer the laws pertaining to the beneficial use of water and [he] shall control, conserve, regulate, allot and aid in the distribution of water resources of the state for the benefits and beneficial uses of all its inhabitants in accordance with the rights of priority of appropriation.
8. K.A.R. 5-22-7 pertains to safe yield requirements in GMD No. 2 including new applications for approval and defines safe yield as the total quantity of groundwater that can be artificially withdrawn from an aquifer; and naturally discharges to a stream without exceeding the aquifer recharge value for the area of consideration and without impairing the water rights diverting from the aquifer.
9. K.S.A. 82a-708a requires that the Chief Engineer render a decision on a new application within 150 days of receipt of a complete application, except when an application cannot be processed due to the standards set forth in K.A.R. 5-3-4c.
10. K.A.R. 5-3-4c allows the Chief Engineer to hold an application for up to 365 days if their reasonable chance it may be approved in the future.

#### CONCLUSIONS OF LAW

11. That part of the Chief Engineer’s duties includes the enforcement of rules and regulations promulgated by the Chief Engineer on behalf on a groundwater management district.
12. That the safe yield requirements enacted in GMD No. 2 further the Chief Engineers duties to control, conserve, regulate, allot and aid in the distribution of water resources.
13. That a temporary suspension of or a moratorium on processing new water right applications within the requested areas is proper because such water cannot be appropriated as required by the Kansas Water Appropriation Act, and rules and regulations adopted thereunder, without first setting accurate safe yield limits in the described areas.

## Findings and Order

14. That the Chief Engineer has the discretion to hold any applications that were submitted for areas in McPherson County not a part of the original suspension, if it is determined they have a reasonable chance at approval following the Board's determination of safe yield for that area.

**ORDER**

**NOW THEREFORE**, the Chief Engineer hereby orders, as of the date of this Order, that the processing suspension on new groundwater appropriation applications within GMD No. 2 to allow the Board to continue studying the appropriate measure of safe yield shall be extended until March 1, 2018 and shall apply the following areas:

<b>Township</b>	<b>Range</b>	<b>Sections</b>	<b>Township</b>	<b>Range</b>	<b>Sections</b>
18 south	4 west	20, 21, 25-29, and 32-36	21 south	1 west	7, 18, 19, 30, and 31
18 south	3 west	28-33	22 south	4 west	1-3, and 10-12
20 south	4 west	13-16, 21-28, and 33-36	22 south	3 west	1-14, 24, and 25
20 south	3 west	15-22, and 27-35	22 south	2 west	1-36
21 south	4 west	1-3, 10-15, 22-27, and 34-36	22 south	1 west	6, 7, 18, 19, 30, and 31
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19 south	1 west	19-23, 26-30
19 south	2 west	19-36
19 south	3 west	23-26, 35, 36
20 south	2 west	1-36
20 south	3 west	1, 2, 11-14, 23-26, 36
21 south	2 west	1-11, 14-16
21 south	3 west	1, 12

**FURTHERMORE**, this Order is subject to the following five (5) terms or conditions:

1. If either K.A.R. 5-22-7 is amended or another management alternative for the area is proposed by the GMD Board and adopted by the Chief Engineer, then any application to appropriate water for beneficial use which has been held pursuant to this order or the preceding order from August 10, 2016, shall then be processed in accordance with the provisions of the amended regulation(s) or adopted management alternative. If K.A.R. 5-22-7 is not amended nor any other management alternative adopted by the Chief Engineer, then any application to appropriate water for beneficial use that has been held or suspended under this order or the preceding order from August 10, 2016, shall be processed in accordance with the regulations in effect at the time the application was filed.
2. Applications for the domestic use of water or for temporary permits shall not be subject to this order.
3. For good cause shown, the Chief Engineer may waive this temporary suspension if it is shown to the satisfaction of the Chief Engineer that such waiver will not prejudicially and unreasonably affect the public interest or impair existing water rights.
4. The Chief Engineer specifically retains jurisdiction in this matter to make such changes, additions, or deletions to this order as deemed necessary in the public interest.
5. This Order shall be in effect until March 1, 2018, unless extended by the Chief Engineer upon the request

Findings and Order

of the Board of Directors of GMD No. 2.

IT IS SO ORDERED, this 6<sup>th</sup> day of October, 2017, in Topeka, Shawnee County, Kansas.



*David W. Barfield*

David W. Barfield, P.E.  
Chief Engineer  
Division of Water Resources  
Kansas Department of Agriculture

State of Kansas )  
                          ) SS  
County of Riley)

The foregoing instrument was acknowledged before me this 6<sup>th</sup> day of October, 2017, by David W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.



*Karen Hunter*

Notary Public