

## Engelhaupt, David [KDA]

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**From:** Titus, Kenneth [KDA]  
**Sent:** Thursday, December 21, 2017 1:14 PM  
**To:** Barfield, David [KDA]; Beightel, Chris [KDA]  
**Subject:** FW: Rattlesnake LEMA Data Request

FYI

**Kenneth B. Titus | Chief Counsel**  
Kansas Department of Agriculture  
1320 Research Park Drive  
Manhattan, Kansas 66502  
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**From:** Preheim, Lynn [mailto:lynn.preheim@stinson.com]  
**Sent:** Thursday, December 21, 2017 1:12 PM  
**To:** Titus, Kenneth [KDA] <Kenneth.Titus@ks.gov>  
**Subject:** RE: Rattlesnake LEMA Data Request

I will forward this on.

Thanks

Lynn

**Lynn D. Preheim | Partner | Stinson Leonard Street LLP**  
1625 N. Waterfront Parkway, Suite 300 | Wichita, KS 67206-6620  
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**From:** Titus, Kenneth [KDA] [<mailto:Kenneth.Titus@ks.gov>]  
**Sent:** Thursday, December 21, 2017 12:59 PM  
**To:** Preheim, Lynn  
**Subject:** Rattlesnake LEMA Data Request

Lynn,

Can you or GMD 5 staff please provide us with all of the necessary data that backs up the claims in your proposed management plan, including but not limited to the end gun database, model runs, augmentation analyses, and any data used to support claims of water savings and the methodologies used for evaluating those claims.

Specifically, this would include the following data:

1. End gun database referenced at line 112. (p. 3)
  - a. Including the endguns referred to in lines 121-123 and (p. 3-4)
  - b. Including the water use for those systems at line 124 (p. 4)
2. Historical water use of end gun systems at 120. (p. 3)
3. All bases of assuming that 10% of the water put through a center pivot system with and end gun goes out the end gun at 127. (p. 4)
4. Model runs:
  - a. At 128-130 (p. 4)
  - b. At 131-133 (p. 4)
  - c. At 220-222 (p. 6)
  - d. At 298-301 (p. 8)
5. Analysis of augmentation at 231. (p. 6)

Other items may arise as we work through this data and the proposed management plan. Let me know if you have any questions about our request.

**Kenneth B. Titus | Chief Counsel**  
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