

**From:** [McWilliams, Katherine](#)  
**To:** [Deardoff, Amy](#)  
**Subject:** FW: Cave Springs WWTP Testing Request\_4893-WR-3  
**Date:** Thursday, April 19, 2018 3:56:04 PM  
**Attachments:** [Cave Springs WWTP Testing Request\\_4893-WR\\_4-19-2018.pdf](#)

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4893-WR-3\_ Cave Springs WWTP Testing Request

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**From:** Barret Knutson [mailto:[bknutson@mce.us.com](mailto:bknutson@mce.us.com)]  
**Sent:** Thursday, April 19, 2018 11:00 AM  
**To:** McWilliams, Katherine  
**Subject:** Cave Springs WWTP Testing Request\_4893-WR-3

Katherine,

Please see the attached document. We are requesting that a permit modification be allowed if real world testing of drip field zones reveals that the capacity described in the original design is skewed. I'm not sure if this will affect the current draft permit but want to make the department aware before having the draft permit sent to public notice.

Please contact me with any questions or concerns.

Thanks,

**Barret R. Knutson, E.I.**  
Project Designer



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April 19, 2018

Katherine McWilliams  
Arkansas Department of Environmental Quality  
Office of Water Quality, Permitting Division  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

RE: Cave Springs WWTP  
Request for Real World Testing of Effluent Disposal Capacity; Permit No. 4893-WR-3

Dear Katherine,

On behalf of the city of Cave Springs, McClelland Consulting Engineers, inc. (MCE) requests that the city has the opportunity to gather real world testing data on their effluent drip disposal fields. The original design utilized known percolation rates to come up with an estimated average capacity of the different treatment zones located within the dripfields. It is the opinion of MCE that the actual overall capacity of these fields is potentially higher than shown by the original design. If it is discovered that the actual capacity of the overall disposal area is different from the parameters currently used, MCE requests that the department allow for modification of future permit 4893-WR-3 in order to represent actual system disposal capacity.

As always, please contact me at your earliest possible convenience if you have any questions or concerns relating to this request.



Barret R. Knutson, E.I.  
Project Designer

**MCE** McCLELLAND  
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