

September 19th, 2017

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

RE: Request for Alteration of Sub-Surface Discharge Permit for Cave Springs WWTP;
Major Changes Needed for Permit No.: 4893-WR-3

Dear Katherine,

On behalf of the city of Cave Springs, McClelland Consulting Engineers, Inc. (MCE) requests that the City's Subsurface Drip Irrigation Permit Draft, 4578-WR-3, be redrafted in order to change its contents to properly represent actual system parameters. In addition, the city would like to get their other package treatment plant, Treatment Plant #1 (TP1) back online to allow for adequate treatment capacity over the next permitting cycle.

A letter was sent to the ADEQ on September 9th, 2017, which cited several reasons why a new permit draft would be required to properly represent the City's need for wastewater treatment over the next permitting cycle. In summary the following two issues were addressed by the previous letter and are summarized below:

1. The City has determined that they would like to bring TP1 back online and the work to do so is nearly complete. It is therefore requested that Dripfield 2, which is connected to TP1 and contains treatment zones 1-4, be added to the permit.
2. The design calculations used in the initial waste management plan (WMP) do not match actual parameters of the constructed system. The original WMP also provides design calculations which do not match actual system parameters, while also providing design calculations for multiple zones which do not exist in the constructed system. Since the WMP is used to draft the permit, a new WMP will need to be developed (action item).

MCE will develop a new waste management plan for the city of Cave Springs. In order to properly serve the City of Cave Springs, A new WMP will need to be developed to adequately represent their activities and treatment needs. MCE hereby requests that an extension of one month be given to complete the new WMP.

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



Barret Knutson, EI
Project Designer



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From: [McWilliams, Katherine](#)
To: [Deardoff, Amy](#)
Subject: FW: Cave Springs WWTP No-Discharge; Request for Alteration of Permit Draft
Date: Tuesday, September 19, 2017 11:04:02 AM
Attachments: [Subsurface Permit Redraft_09-19-2017.pdf](#)

4893-WR-3

Comments on draft permit

From: Barrett Knutson [mailto:bknutson@mce.us.com]
Sent: Tuesday, September 19, 2017 10:59 AM
To: McWilliams, Katherine
Subject: Cave Springs WWTP No-Discharge; Request for Alteration of Permit Draft

Katherine,

Please see the attached PDF containing a letter requesting a re-draft of Permit No.: 4893-WR-3. The letter also requests a deadline of one month to complete a new and updated WMP.

Please contact me with any questions or concerns that you have.

Respectfully,

Barret R. Knutson, E.I.

Project Designer



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