

BULLOCK PEN WATER DISTRICT

1 FARRELL DRIVE • P.O. BOX 188 • CRITTENDEN, KY 41030 • (859) 428-2112

Mr. Green,

This letter is in response to your request for more information regarding our application for an adjustment in rates. We do still produce water. From December 2018 to November 2019 we produced 146,985,000 gallons. As for the 129,867,000 gallons of water used for our own operations in 2018, during the mid-2000's, the Grant Co. Judge Executive, at the time, advised us that the county executives wanted to make a push to supply the entire county with potable water by the year 2020. As a result of making that push, we have approximately 600 miles of water line ran across 5 counties. Many of those lines are dead-end lines that require frequent flushing, some even continuous flushing with flush meters year round. We also have an older inefficient water plant that requires us to use water for frequent backwashing. Our wastewater plant is also on our system, that requires water for basic day to day operations. Finally we have several fire departments throughout our system that use water for typical everyday duties.

94,350,000 total gallons were used flushing lines in 2018. Of that, 83,150,000 gallons of water were used to maintain chlorine levels. We have multiple flush meters on dead end lines throughout our system, some of which run continuously throughout the year. The other 9,700,000 gallons were used for sampling, flushing lines after leak repairs, and customer complaints, i.e. taste odor, and/or color.

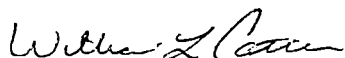
27,000,000 gallons of water were used for water treatment plant operations. This is due to the use of online turbidimeters, chlorine analyzers, and chlorine feeders that use water continuously. We also backwash the rapid sand filters at minimum once a week and drain floc basins and the settling basin for repairs and/or routine cleaning.

5,967,000 gallons of water were used for wastewater plant operations, for cleaning of the plants as well as general day to day operations.

2,550,000 gallons were used by the 10 fire departments on and around our system for training and firefighting.

As you can see a majority of the water used for our own operations in 2018 was due to flushing dead end water lines to maintain sufficient chlorine levels. If we took off the 83,150,000 gallons used for that reason, we would only use 8% of the total water produced and purchased for our own operations. If you have any questions or comments feel free to contact me anytime.

Sincerely,



William L. Catlett, Superintendent
Bullock Pen Water District

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JAN 16 2020

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