

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

**ELECTRONIC INVESTIGATION)
INTO THE MEASURING,)
RECORDING, AND REPORTING OF) CASE NO. 2018-00394
WATER LOSS BY KENTUCKY'S)
JURISDICTIONAL WATER)
UTILITIES)**

RESPONSE OF

Bullock Pen Water District

TO

COMMISSION'S REQUEST FOR INFORMATION

DATED DECEMBER 18, 2018

FILED: January 10, 2018

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**CERTIFICATION OF RESPONSE OF BULLOCK PEN WATER
DISTRICT TO
COMMISSION'S REQUEST FOR INFORMATION**

This is to certify that I have supervised the preparation of Bullock Pen Water District's Response to the Commission's Request for Information. The response submitted on behalf of Bullock Pen Water District is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: 1/10/2019

William L Catlett

William L Catlett Superintendent
Bullock Pen Water District

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: William L Catlett

- Q-1. Explain in detail the manner in which you measure, calculate, and track water loss, and:
- a. Identify whether you use any manual form (including Excel spreadsheet) or electronic or mechanized system to calculate and track water loss.
 - b. Provide a copy of any form used (including Excel spreadsheet).
 - c. Identify the source of any form or system used.
- A-1. We have Master meters throughout our system that track the usage in that zone. We also have a telemetry that tracks flow , tank levels, pressures and usages in zones. Flush meters are installed throughout our system to record water flushed while keeping CL2 levels adequate. We use this information along with usage reports from billing software in our water loss spreadsheet.
- a. We use an Excel spreadsheet that calculates water loss.
 - b. Attached is a copy of the Excel spreadsheet we currently use.
 - c. We modified a spreadsheet from information compiled from several water loss spreadsheets (DOW form, PSC form and other water districts).

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: William L Catlett

Q-2. Explain in detail your understanding of the information to be provided in each of the categories on the Water Statistics page (reference page 30) of the annual report required of jurisdictional water utilities, accessed through the Commission's website.

A-2. Reference Page 30 Water Statistics

2. Water produced by the District.
3. Water purchased by the District.
4. Total of line 2 and 3.
7. Total for Residential Class.
8. Total for Commercial Class.
9. Total for Industrial Class.
10. Total for Bulk Loading Station Class.
11. Total for Resale Class.
12. Total for Other Class.
13. Total of all water sold Classes.
16. Total gallons used by the Utility/ Water Treatment Plant.
17. Total gallons used by the Wastewater Plant.
18. Total gallons used for System Flushing

19. Total gallons used by Fire Departments.
20. Total gallons used for other.
21. Total gallons from lines 16 thru 20.
24. Total gallons from Tank overflows.
25. Total gallons from Line Breaks.
26. Total gallons from Line Leaks.
27. Total gallons from other or unknown loss.
28. Total gallons from lines 25 thru 27.
32. Percentage water loss calculating line 28 divided by line 4.

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: William L Catlett

Q-3. State any questions you have regarding how to use the updated Commission Form described and attached as Appendix A to this Order.

A-3. No Questions

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: William L Catlett

Q-4. State any suggestions or improvements you have for the updated Commission Form described and attached as Appendix A to this Order.

A-4. No Suggestions. We currently use a similar spreadsheet that has been working well for us.

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: William L Catlett

Q-5. State any questions you have regarding how the information in the updated Commission Form described and attached as Appendix A to this Order is to be incorporated into annual reports.

A-5. No Questions

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: William L Catlett

Q-6. State any concerns you have regarding the use of the updated Commission Form described and attached as Appendix A to this Order.

A-6. No Concerns

Bullock Pen Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: William L Catlett

- Q-7. State whether you believe it is reasonable, proper, and appropriate for the Commission to require jurisdictional water utilities to maintain and use the updated Commission Form described and attached as Appendix A to this Order. Fully explain your answer
- A-7. We currently use a similar form, which is in Excel format. The section for water loss on Appendix A has: line breaks, tank overflows, excavation damages and theft. I feel that if you have a way to quantify the amount of water that is lost, it should be included into other water used instead of water lost. The lost water is still accountable but no revenue is received the same as it would be with fire department usage or system flushing. A category could be created for line breaks, theft and tank overflows. If it were to get excessive, then corrective actions could be taken.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Bullock Pen Water District's electronic filing of this Response is a true and accurate copy of the same document being filed in paper medium; that the electronic filing was transmitted to the Public Service Commission on January 10, 2019; that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding; and that an original paper medium of this Response will be delivered to the Public Service Commission within two business days.



William L Catlett

