

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
CHRISTIAN COUNTY WATER DISTRICT
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018

FILLED: January 9, 2019

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

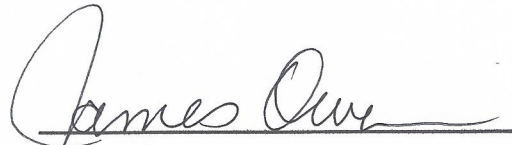
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CERTIFICATION OF RESPONSE OF CHRISTIAN COUNTY WATER DISTRICT TO
COMMISSION'S REQUEST FOR INFORMATION

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

Dated: 1-09-2019



James Owen, General Manager
Christian County Water District

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 1

Response Witness: James Owen

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. At Christian County Water District (CCWD), the water loss is calculated monthly by using billing registers with the number of gallons sold to all customers. Each master meter reading gives the total gallons purchased. The difference in water sold and purchased is our water loss then adjust for flushing, process control water, and fire department use.

- a. The Christian County Water District has for a long time has used the approved PSC water loss spreadsheet. (Appendix A, page1, of PSC order 2018-00394, appearing in this response as Exhibit 1.

Christian County Water District supplements Exhibit 1 with a spreadsheet obtained from Kentucky Rural Water Association, Monthly Hydrant Flushing Report. Appearing in this response as Exhibit 2.

- b. Exhibit 1: Monthly Water Loss Report
Exhibit 2: Monthly Hydrant Flushing Report.
- c. Exhibit 1: The Kentucky Public Service Commission is the provider of the “Monthly Water Loss report”.
Exhibit 2: The Kentucky Rural Water Association is the provider of the “Monthly Hydrant Flushing Report”.

Christian County Water District

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Response to Commission's Request for Information

Question No. 2

Response Witness: James Owen

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. Water Statistics (ref. Page 30)

1. All water
2. Water produced
3. Wholesale Purchased Water
4. The total of line 2 & line 3
6. Water Sales by class
7. Residential sales
8. Commercial sales
9. Industrial sales
10. Bulking loading sales
11. Resale (sells to other sources for resell)
12. Other sales (All sells not listed above)
13. The total of line 7, 8, 9, 10, 11, 12.

15. Other Water uses (all process water, internally consumed water, system upkeep and maintenance water.)
16. Utility/water treatment plant (process water)
17. Wastewater plant (N/A)
18. System Flushing, all water used for distribution system flushing
19. Fire department, all unbilled water used for fire fighting and training
20. Other, accounted for water not billed but documented for internal use of system, mutual aid, disinfection, sanitation.
21. The total of all other water used and accounted for
23. Water loss: all unaccounted for water
24. Tank over flow: man made or naturally occurring events, equipment failure.
25. Line Breaks: Pipe failure, excavation damage, storm events, soil shifts.
26. Line Leaks: Leakages not retained in piping for resell.
27. Other: All other water(s) not offered/metered for resell.
28. Total Line Loss: Water not metered or offered for resell.
32. Water Loss Percentage: all unaccounted for water, not metered, sold or used, not appearing in lines 13, 21.
33. The percentage of unaccounted for water, system's water loss, which appeared in line 28.

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 3

Response Witness: James Owen

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

A-3 No questions

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 4

Response Witness: James Owen

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

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 5

Response Witness: James Owen

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, or suggestions

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 6

Response Witness: James Owen

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

Christian County Water District

Case No 2018-00394

Response to Commission's Request for Information

Question No. 7

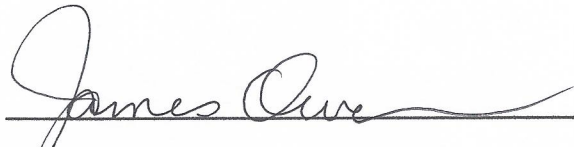
Response Witness: James Owen

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 Any uniform system of measurement and accountability, properly described, is acceptable to the Christian County Water District. As Christian County Water District is familiar with this form in its current format. Has developed a historical data base using this form. Can communicate with, its Commissioners, employees/staff, accountant's, Engineer's and various state and professional organization who are also familiar with its format. It currently is the format of choice by the Christian County Water District.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, section 8, I certify that Christian County 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 9, 2019; that the Public Service Commission asserts, to the best of our knowledge, there are no parties 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 by the US Postal Service standard mail delivery; mailed this day January 9, 2019, from Hopkinsville, KY 42240 central post office.



James Owen, General Manager