

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:

Electronic Investigation Into The
Measuring, Recording, And Reporting)Case No. 2018-00394
Of Water Loss By Kentucky's)
Jurisdictional Water Utilities

RESPONSE OF
CUMBERLAND FALLS HIGHWAY WATER DISTRICT
TO
PUBLIC SERVICE COMMISSION'S REQUEST FOR INFORMATION
Dated December 18, 2018

The information contained in this response is true and accurate to the best of my knowledge.

By: Jeff J Wilder
Jeff Wilder, CFHWD Manager

State of Kentucky

County of Whitley

This document was presented and sworn to me this 9th day of January, 2019
by Jeff Wilder, Manager for Cumberland Falls Highway Water District.

Kelli Hampton
Notary Public
My Commission Expires 8-31-19



Cumberland Falls Highway Water District
CASE NO. 2018-00394
Response to PSC's Request for Information

Question No. 1 Responding witness: Jeff Wilder

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 spreadsheets) or electronic 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. Cumberland Falls Highway Water District (CFHWD) has nine master meters that are read daily and those readings are used to track the number of gallons billed to us by our suppliers. Our suppliers include Corbin Utilities Commission, Williamsburg City Water, Whitley County Water District and West Laurel Water District. We then check our daily readings against the readings on the monthly bills from our suppliers. This is our total gallons purchased. All customers of this district have water meters that are read monthly and the number of gallons reported on our meter reading usage report generated by our billing system is used to report the total numbers of gallons sold for a billing period. We also factor in system flushing records, fire department usage reports and line break/leak reports. All of this information is put into the PSC's water loss calculation report.
- a. Cumberland Falls Highway Water District uses the PSC approved water loss report.
 - b. See attached report
 - c. KY Public Service Commission

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Question No. 2 Responding witness: Jeff Wilder

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 (reference page 30)

1. Track and monitor all water purchased and sold
2. This district purchases water only
3. Total gallons purchased
4. Total purchased gallons
- 5.
6. Total gallons sold to our customers
7. Total gallons sold Residential customers
8. Total gallons sold to Commercial customers
9. Total gallons sold to Industrial customers
10. CFHWD has no bulk loading stations
11. CFHWD has no wholesale
12. Schools, Government, Fire Departments, Water District
13. Total water sales to all customer types
- 14.
15. Other water used
16. No water treatment plant
17. No wastewater plant
18. Water used for system flushing
19. Water used by fire departments
20. Total Other
21. Total of all other water used
- 22.
23. Water Loss
24. Total gallons from tank overflows (estimation)
25. Water lost through line breaks
26. Water lost through line leaks
27. Any other known issues
28. Total of all recorded water losses
- 29.
- 30.
- 31.
32. Water loss percentage
33. Divide line 28 by line 4

Cumberland Falls Highway Water District

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Response to Commission's Request for Information

Question No. 3 Responding witness: Jeff Wilder

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

Cumberland Falls Highway Water District

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Response to Commission's Request for Information

Question No. 4 Responding witness: Jeff Wilder

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 This water district has many miles of water lines and several water storage tanks that hold millions of gallons of water that the district has bought but not yet sold. I think it would be of use to include a line for showing the water we have in reserve.

Cumberland Falls Highway Water District

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Response to Commissioner's Request for Information

Question No. 5 Responding witness: Jeff Wilder

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 Cumberland Falls Highway Water District has no questions

Cumberland Falls Highway Water District

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Response to Commissioner's Request for Information

Question No. 6 Responding witness: Jeff Wilder

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

Cumberland Falls Highway Water District

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Response to Commission's Request for Information

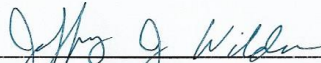
Question No. 7 Responding witness: Jeff Wilder

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 Cumberland Falls Highway Water District strives to run the most cost efficient water district possible. Keeping water loss to a minimum is a huge part of cost efficiency for any water district so we feel the use of the Commission Form is very reasonable and appropriate.

CERTIFICATE OF SERVICE

In accordance with 801 KAR 5:001, Section 8, I certify that Cumberland Falls Highway 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 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.



Jeff Wilder, Manager
Cumberland Falls Highway Water District

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED, PURCHASED & DISTRIBUTED	
2	Water Produced	
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	-
5		
6	WATER SALES	
7	Residential	
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	TOTAL WATER SALES	- #DIV/0!
14		
15	OTHER WATER USED	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	
19	Fire Department	
20	Other	
21	TOTAL OTHER WATER USED	- #DIV/0!
22		
23	WATER LOSS	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	
27	Other	
28	TOTAL LINE LOSS	- #DIV/0!
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	WATER LOSS PERCENTAGE	
33	Unaccounted-For Water (Line 28 divided by Line 4)	#DIV/0!