

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

In the Matter of:

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

**RESPONSE OF
BREATHITT COUNTY WATER DISTRICT
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: January 14, 2019

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

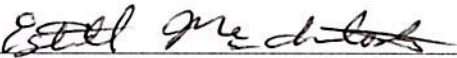
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CERTIFICATION OF RESPONSE OF BREATHITT COUNTY WATER DISTRICT TO
COMMISSION'S REQUEST FOR INFORMATION

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

Date: 1-14-2019



ESTILL MCINTOSH, SUPERINTENDENT
BREATHITT COUNTY WATER DISTRICT

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Estill McIntosh

- 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 Breathitt County Water District, the water loss is calculated monthly by taking the water purchased from Jackson Municipal Waterworks and the City of Campton and subtracting the amount of water that the district has sold, which is provided by our billing software. We also subtract flushing and fire department usage.
- a. Breathitt County Water District Uses an excel spreadsheet provided by the Public Service Commission.
 - b. See Attached spreadsheet
 - c. The Public Service commission provided the spreadsheet on the Public Service Commission website.

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Estill McIntosh

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 Statistic Reference Page 30

1. Water purchased and distributed.
2. N/A (We do not produce water)
3. Total amount of gallons Purchased by Breathitt County Water District
4. Total gallons purchased.
6. Water Sales
7. Total Water sold to residential customers
8. Total water sold to Commercial
9. Total water sold to Industrial customers (we do not supply any industrial customer)
10. We do not have bulk loading stations.
11. Resold water besides residential commercial and industrial
12. Other water sold.
13. Total water sold from lines 7 through 12.
15. Other water used.
16. N/A
17. N/A

18. Total gallons used for system flushing
19. Total gallons used by fire departments
20. Total gallons used by others
21. Total gallons that can be accounted for
23. The difference between purchased water and sold and other water accounted for.
24. Total Gallons lost in tank overflows.
25. Known line breaks with estimated water loss
26. Known leaks with estimated line breaks.
27. Other as in theft, unknown or unaccounted for.
28. Total unknown water loss
32. Water loss percentage
33. Water Loss percentage

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Estill McIntosh

- 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. Breathitt County Water District does not have any questions regarding the updated form.

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Estill McIntosh

- 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. The Breathitt County Water District has no suggestions or improvements regarding updated Commission form.

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Estill McIntosh

- 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. Breathitt County Water District has no questions.

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Estill McIntosh

- 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. The Breathitt County Water District has no concerns regarding use of the updated Commission Form.

Breathitt County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

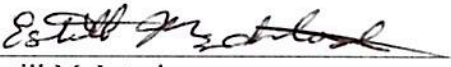
Question No. 7

Responding Witness: Estill McIntosh

- 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. Breathitt County Water District believes that is reasonable for the Commission to require jurisdictional water utilities to maintain and updated Commission Form described and attached as Appendix A. It is essential that whole state use the same spreadsheet to maintain accuracy of tracking water loss.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Breathitt 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 14, 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.



Estill McIntosh

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Breathitt County Water District

For the Month of: January Year: 2019

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!