

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

FILED: January 11, 2019

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

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

Date: 1/11/19



Peter R. Conrad, Superintendent
Henderson County Water District

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Peter R. Conrad

- 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. [Insert response]
- a. Electronic form
 - b. See attached
 - c. Public Service Commission

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Peter R. Conrad

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.

Line 2- N/A, HCWD does not have a water plant

Line 3– Water Purchased

Line 7– Residential customer water sales

Line 8- Commercial customer water sales

Lines 9-12 Not used

Lines 16 & 17 – Not used

Line 18 – System flushing

Line 19 – Non-metered/ Hydrant Usage by Volunteer Fire Departments

Line 24 – Water tank overflows

Line 25 – Calculated lost water due to waterline breaks

Line 26- Water lost that cannot be accounted for

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Peter R. Conrad

- 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

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Peter R. Conrad

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

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Peter R. Conrad

- 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

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Peter R. Conrad

- 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

HENDERSON COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

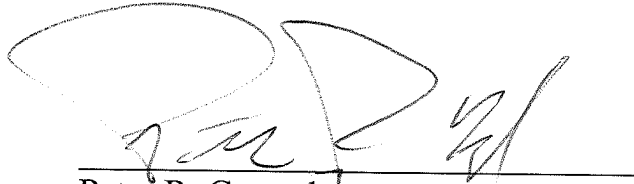
Question No. 7

Responding Witness: Peter R. Conrad

- 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. Henderson County Water District is currently using and reporting monthly a water loss spread sheet provided by the Commission. The updated Commission form has more detail than the one previously provided, and we believe it is reasonable to use and maintain this updated Commission form.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Henderson 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 11, 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.

A handwritten signature in black ink, appearing to read 'Peter R. Conrad', is written over a horizontal line. The signature is stylized and cursive.

Peter R. Conrad

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!

PUBLIC SERVICE COMMISSION

Annual Water Loss Summary

Water Utility:

Henderson County Water District

For the Year:

2018

MONTH	WATER LOSS %
JANUARY	#DIV/0!
FEBRUARY	#DIV/0!
MARCH	#DIV/0!
APRIL	#DIV/0!
MAY	#DIV/0!
JUNE	#DIV/0!
JULY	#DIV/0!
AUGUST	#DIV/0!
SEPTEMBER	#DIV/0!
OCTOBER	#DIV/0!
NOVEMBER	#DIV/0!
DECEMBER	#DIV/0!
TOTAL ANNUAL WATER LOSS %	#DIV/0!

The highest water loss was #DIV/0! and occurred in the month of #DIV/0!

The lowest water loss was #DIV/0! and occurred in the month of #DIV/0!

LEGEND

Water Loss is less than 15%
Water Loss is between 15% - 30%
Water Loss is greater than 30%