

**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
East Pendleton Water District
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: January 7, 2019

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

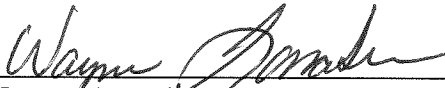
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**ELECTRONIC INVESTIGATION)
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**CERTIFICATION OF RESPONSE OF EAST PENDLETON WATER
DISTRICT TO
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 1/7/19



Wayne Lonaker, Manager
East Pendleton Water District

East Pendleton Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District reads master meters daily. East Pendleton Water District reads customer meters monthly, in the monthly reading cycle all meters are read in one day. The readings from the daily master meter readings are then used from the same day the monthly reading is done to calculate water loss. The monthly flushing reports and monthly fire department usage reports are then entered on PSC monthly water loss report.
- a. East Pendleton Water District has used the approved PSC water loss spreadsheet since 2008.
 - b. See Attached Appendix A
 - c. Public Service Commission

EAST PENDLETON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District purchases all of the water it sells. East Pendleton Water District understands the Water Statistics Form.
1. East Pendleton Water District uses line 3 for total water purchased
 2. East Pendleton Water District uses line 7 for residential water sales.
 3. East Pendleton Water District uses line 8 for commercial water sales.
 4. East Pendleton Water District uses line 9 for industrial water sales.
 5. East Pendleton Water District uses line 13 is our total water sales.
 6. Lines 18 and 19 is water used that is accounted for.
 7. Lines 24 through 27 is water lost that is not accounted for.

EAST PENDLETON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District does not have any questions regarding the updated Commission Form described or about attached appendix A.

EAST PENDLETON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District has no suggestions or improvements for the updated Commission Form or for attached appendix A.

EAST PENDLETON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District has no questions regarding the information in the updated Commission Form and attached appendix A, to how it is to be incorporated into annual reports.

EAST PENDLETON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District has no concerns regarding the use of the updated Commission Form or Appendix A.

EAST PENDLTON WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information


Question No. 7

Responding Witness: Wayne Lonaker

- 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. East Pendleton Water District believes it is reasonable, proper, and appropriate for the Commission to require Water Utilities to maintain and use the updated Commission Form and attached Appendix A. We believe water loss is an important part of running an efficient water district and can have many effects on the district, including lost potential revenue. Excessive water loss can also cause higher rates for consumers to the ultimate failure of a water utility. Moreover, to the extent excessive water loss is the result of poor infrastructure, it may reflect the potential for health risks from contaminants infiltrating the water system.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that East Pendleton 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 7, 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.



Wayne Lonaker

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 | 10,914,010 | |
| 4 | TOTAL PRODUCED AND PURCHASED | 10,914,010 | |
| 5 | | | |
| 6 | WATER SALES | | |
| 7 | Residential | 8,526,308 | |
| 8 | Commercial | 59,107 | |
| 9 | Industrial | 1,309,810 | |
| 10 | Bulk Loading Stations | | |
| 11 | Wholesale | | |
| 12 | Other Sales | | |
| 13 | TOTAL WATER SALES | 9,895,225 | 90.7% |
| 14 | | | |
| 15 | OTHER WATER USED | | |
| 16 | Utility and/or Water Treatment Plant | | |
| 17 | Wastewater Plant | | |
| 18 | System Flushing | 50,100 | |
| 19 | Fire Department | 3,600 | |
| 20 | Other | | |
| 21 | TOTAL OTHER WATER USED | 53,700 | 0.5% |
| 22 | | | |
| 23 | WATER LOSS | | |
| 24 | Tank Overflows | | |
| 25 | Line Breaks | | |
| 26 | Line Leaks | 965,085 | |
| 27 | Other | | |
| 28 | TOTAL LINE LOSS | 965,085 | 8.8% |
| 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) | | 8.8% |