

**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**

**Letcher County Water and Sewer District**

**TO**

**COMMISSION'S REQUEST FOR INFORMATION**

**DATED DECEMBER 18, 2018**

**FILED: January 14, 2018**

**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 )**

**CERTIFICATION OF RESPONSE OF Letcher County Water and Sewer District TO  
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 1-14-2019

  
Josh Ferris, Distribution Supervisor  
Letcher County Water and Sewer

**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 1**

**Responding Witness: Josh Ferris**

- 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.
- a. Water loss is calculated using total gallons sold versus gallons purchased taken into account Fire Departments usage, Flushing, Line breaks, and we continuous monitor inline flow meters and tank levels utilizing telemetry.
  - b. See attached spreadsheet
  - c. Spreadsheet provided by PSC

**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 2**

**Responding Witness: Josh Ferris**

- 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. Letcher county Water and Sewer District purchases all water it sells.
- A. LCWSD uses line 3 for total water purchased.
  - B. LCWSD uses line 7 for residential water sales.
  - C. LCWSD uses line 14 for total water sales
  - D. LCWSD uses 19 and 20 for system flushing and Fire Dept. use.
  - E. LCWSD uses line 31 for unaccounted for.
  - F. LCWSD use line 36 total water loss.

**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 3**

**Responding Witness: Josh Ferris**

- 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

**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 4**

**Responding Witness: Josh Ferris**

- 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

**Letcher County Water and Sewer District  
CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 5**

**Responding Witness: Josh Ferris**

- 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

**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 6**

**Responding Witness: Josh Ferris**

- 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



**Letcher County Water and Sewer District**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**


**Question No. 7**

**Responding Witness: Josh Ferris**

- 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. LCWSD does use a water loss spreadsheet

## CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Letcher County Water and Sewer District 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.



Josh Ferris

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE  
COMMISSION IN CASE NO. 2018-00394 DATED DEC 18 2018

**PUBLIC SERVICE COMMISSION**

**Monthly Water Loss Report**

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (omit 000's)
1	<b>WATER PRODUCED, PURCHASED, &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	
5		
6	<b>WATER SALES</b>	
7	Residential	
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	
28	Excavation Damages	
29	Theft	
30	Unknown Loss	
31	<b>TOTAL LINE LOSS</b>	
32		
33	<b>Note: Line 14 + Line 22 +Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE FOR RATEMAKING PURPOSES</b>	
36	(Line 31 divided by Line 4)	0.00%