

**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**

**[Cunningham Water District]**

**TO**

**COMMISSION'S REQUEST FOR INFORMATION**

**DATED DECEMBER 18, 2018**

**FILED: January 16, 2019**

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**CERTIFICATION OF RESPONSE OF [Cunningham Water District] TO  
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 1-16-19

Eric Young  
[Eric Young], [Operator]  
[Cunningham Water District]

[Cunningham Water District]

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: [Eric Young]

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. Daily readings from the water treatment plant master meter are totaled at the end of each month to calculate the amount of water produced. The customers' meters are read near the end of each month to calculate amount of water sold. That amount of water sold is then subtracted from the amount of water produced to get water loss totals.

- a. We use the PSC's water loss excell worksheet.
- b. Copy of form used attached.
- c. Public Service Commission website.

**[Cunningham Water District]**

**CASE NO. 2018-00394**

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

**Question No. 2**

**Responding Witness: [Eric Young]**

- 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. The information on the Water Statistics page, as we understand it, is very similar to the information required on the water loss form.

**[Cunningham Water District]**

**CASE NO. 2018-00394**

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

**Question No. 3**

**Responding Witness: [Eric Young]**

- 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. The updated form is very similar to the form we use at the district to calculate water loss. We don't have any questions at this time.

**[Cunningham Water District]**

**CASE NO. 2018-00394**

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

**Question No. 4**

**Responding Witness: [Eric Young]**

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. We don't have any suggestions for the updated form at this time.

**[Cunningham Water District]**

**CASE NO. 2018-00394**

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

**Question No. 5**

**Responding Witness: [Eric Young]**

- 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. We do not have any questions at this time.

**[WATER UTILITY]**

**CASE NO. 2018-00394**

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

**Question No. 6**

**Responding Witness: [Eric Young]**

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. We have no concerns at this time.



**[Cunningham Water District]**

**CASE NO. 2018-00394**

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

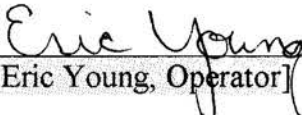
**Question No. 7**

**Responding Witness: [Eric Young]**

- 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. We do believe it is a reasonable request from the Commission to use the updated form and for a utility to monitor its water loss. Water loss needs to be monitored so a utility is able to detect leaks and keep customer costs down.

### CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that [Cunningham 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 16, 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.

  
[Eric Young, Operator]

# 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	1,032,500	
3	Water Purchased		
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>1,032,500</b>	
5			
6	<b>WATER SALES</b>		
7	Residential	847,276	
8	Commercial	46,330	
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales <u>Tax Exempt</u>	5,070	
13	<b>TOTAL WATER SALES</b>	<b>898,676</b>	87.0%
14			
15	<b>OTHER WATER USED</b>		
16	Utility and/or Water Treatment Plant	500	
17	Wastewater Plant		
18	System Flushing		
19	Fire Department		
20	Other _____		
21	<b>TOTAL OTHER WATER USED</b>	<b>500</b>	0.0%
22			
23	<b>WATER LOSS</b>		
24	Tank Overflows		
25	Line Breaks		
26	Line Leaks	133,324	
27	Other _____		
28	<b>TOTAL LINE LOSS</b>	<b>133,324</b>	12.9%
29			
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4		
31			
32	<b>WATER LOSS PERCENTAGE</b>		
33	Unaccounted-For Water (Line 28 divided by Line 4)		<b>12.9%</b>