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PUBLIC SERVICE  
COMMISSION

**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**

**Muhlenberg County Water District #3**

**TO**

**COMMISSION'S REQUEST FOR INFORMATION**

**DATED DECEMBER 18, 2018**

**FILED: January 7, 2019**

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

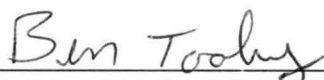
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<b>UTILITIES</b>	)	

**CERTIFICATION OF RESPONSE OF [Mu] TO  
COMMISSION'S REQUEST FOR INFORMATION**

This is to certify that I have supervised the preparation of Muhlenberg County Water District #3's Response to the Commission's Request for Information. The response submitted on behalf of Muhlenberg County Water District #3 is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: 1/7/2019



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Ben Tooley, Superintendent  
Muhlenberg County Water District #3

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 1**

**Responding Witness: Ben Tooley**

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 Muhlenberg County Water District #3 (MCWD3) water loss is calculated monthly by using the Consumption Report, generated by the billing system, with the total number of gallons sold to all customers. Total water purchased is obtained by reading the two (2) master meters. The difference between water sold and water purchased divided by water purchased is the water loss then we adjust for flushing and fire department usage.*

- a. *MCWD3 uses an Excel spreadsheet to calculate its water loss.*
- b. *MCWD3 has included a copy of the Excel spreadsheet used for water loss.*

***(See attached Spreadsheet)***

- c. *MCWD3 uses an Excel spreadsheet provided by Kentucky Rural Water Association.*

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 2**

**Responding Witness: Ben Tooley**

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 Statistics (ref. page 30)

1. *Tracking of all water purchased and sold*
2. *Purchased water only*
3. *Total amount of gallons purchased*
4. *Total amount of gallons purchased by MCWD3*
6. *Total amount of water sold to MCWD3's customers including residential, commercial, and Wholesale*
7. *Total of all water sold to residential customers only*
8. *Total of all water sold to commercial customers only*
9. *Total of all water sold to industrial customers only*
10. *No Loading Stations*
11. *Total of all water sold to resale (wholesale) customers*
12. *MCWD3 does not have any other means of sale*
13. *Total water sold to residential, commercial, and Wholesale customers*

15. *Total gallons used for Flushing or Maintenance*
16. *MCWD3 does not have a Treatment Plant*
17. *MCWD3 does not have a Wastewater Plant*
18. *Total gallons used for Flushing or Maintenance*
19. *Total gallons used for Fire Department Training and Emergencies*
20. *Water that could be stolen or meter malfunctions*
21. *Total of all accounted for water used that is known*
23. *The difference between purchased water and sold water, plus flushing*
24. *Calculated tank overflows for maintenance*
25. *Known line breaks with estimated water lost*
26. *Know line breaks with estimated water lost*
27. *Known issues that may be discovered*
28. *Total of gallons by known tank over flows , leaks, or breaks*
32. *The difference between water purchased and water sold, plus leaks, plus breaks, and plus flushing*
33. *Water accounted for from Sales, breaks, leaks, fire department usage, flushing, etc. All added to get Total, then divided by line 4.*

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 3**

**Responding Witness: Ben Tooley**

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. *MCWD3 has no questions*

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 4**

**Responding Witness: Ben Tooley**

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. *MCWD3 has no suggestions or improvements*

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 5**

**Responding Witness: Ben Tooley**

- 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. *MCWD3 has no questions.*



**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 6**

**Responding Witness: Ben Tooley**

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. *MCWD3 has no concerns*

**Muhlenberg County Water District #3**

**CASE NO. 2018-00394**

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

**Question No. 7**

**Responding Witness: Ben Tooley**

- 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. *MCWD3 believes it is reasonable, proper, and appropriate for the KY PSC to require that Water Utilities use the form as described in Appendix A.*

## CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that [Muhlenberg County Water District #3]'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.

Ben Tooley  
[Name]

## Monthly Water Use Report

Water Utility: Muhlenberg County Water District #3 PWSID: KY0890304

For the Month of: November Year: 2018

Line #	Item	Gallons
1	<b>Water Produced, Purchased and Distributed</b>	
2	Water Produced	0
3	Water Purchased	0
4	<b>Water Produced &amp; Purchased</b>	<b>0</b>
5		
6	<b>Water Sales</b>	
7	Residential	0
8	Commercial	0
9	Industrial	0
10	Bulk Loading Stations	0
11	Wholesale	0
12	Other Sales (explain) _____ 0	0
13	<b>Total Water Sales</b>	<b>0</b>
14		
15	<b>Other Water Used</b>	
16	Utility and/or Water Treatment Plant	0
17	Wastewater Treatment Plant	0
18	System Flushing	0
19	Fire Department Usage	0
20	Other Usage (explain) _____ DBP Maintenance	0
21	<b>Total Other Water Used</b>	<b>0</b>
22		
23	<b>Water Loss</b>	
24	Tank Overflows	0
25	Line Breaks	0
26	Line Leaks	0
27	Other _____	0
28	<b>Total Line Loss</b>	<b>0 #DIV/0!</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>Water Loss Percentage</b>	
33	<b>Unaccounted-For Water (Line 28 Divided by Line 4)</b>	<b>#DIV/0!</b>