

**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
MONTGOMERY COUNTY WATER DISTRICT #1
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: January 09, 2019

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**CERTIFICATION OF RESPONSE OF MONTGOMERY COUNTY
WATER DISTRICT #1 TO
COMMISSION'S REQUEST FOR INFORMATION**

This is to certify that I have supervised the preparation of Montgomery County Water District #1's Response to the Commission's Request for Information. The response submitted on behalf of Montgomery County Water District #1 is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: 1/9/2019



RYAN THOMAS, CERTIFIED
OPERATOR, Montgomery County Water
District #1

MONTGOMERY COUNTY WATER DISTRICT #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: RYAN THOMAS

- 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 Montgomery County Water District #1 (MCWD#1) water loss is calculated by using the daily master meter readings to determine water purchased for the month. Our billing software provides a monthly consumption report that tells us all water sales. The difference in water sold and water purchased is our water loss. We then adjust for manual flushing, automatic flush valve, known line breaks, occasional storage tank overflows, fire usage, and any other known water uses.
- a. MCWD #1 uses Excel spreadsheets
 - b. See attached spreadsheet
 - c. PSC Monthly Water Loss Report spreadsheet.

MONTGOMERY COUNTY WATER DISTRICT #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Ryan Thomas

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.

1. Overview "Water Produced, Purchased and Distributed"
2. Water Produced MCWD #1 does not produce water
3. Total gallons purchased
4. Total gallons purchased by MCWD #1
6. Overview: Water Sales
7. Total gallons of water sold to residential customers
8. Total gallons of water sold to commercial customers
9. Total gallons of water sold to industrial customers (not used by MCWD #1)
10. Bulk loading Stations (not used by MCWD #1)
11. Any water sold to another system
12. Other Sales (not used by MCWD #1)
13. Total Residential and Commercial water sales
15. Overview: Other Water Used

16. No water treatment plant
17. No wastewater plant
18. Water used for flushing the water system
19. water used by fire department
20. Overview: Other
21. All other water usage
23. Overview: Water loss
24. gallons of water lost due to tank overflow
25. gallons of water lost due to Line breaks
26. gallons of water lost due to line leaks
27. Other
28. Total gallons lost
- 32 Water loss percentage
33. Line 28 divided by Line 4

MONTGOMERY COUNTY WATER DISTRICT #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Ryan Thomas

- 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. MCWD #1 has no questions regarding how to use the updated Commission Form.

MONTGOMERY COUNTY WATER DISTRICT #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Ryan Thomas

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. MCWD#1 believes the updated Commission Form should include "accounted for water loss" and "unaccounted water loss."

MCWD#1 would also like to see automatic flushers added to "other water used" on the Commission Form.

MONTGOMERY COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Ryan Thomas

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. MCWD #1 has no questions regarding how the information in the updated Commission Form is incorporated into annual reports.

MONTGOMERY COUNTY WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Ryan Thomas

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. MCWD #1 has no concerns regarding the use of the updated Commission Form.

MONTGOMERY COUNTY WATER DISTRICT #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: Ryan Thomas

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. MCWD #1 believes that it would be reasonable, proper, and appropriate for the Commission to require jurisdictional water utilities water loss report to have certain required information included in it. However the water utility should be able to add additional information to water loss report if needed.

MCWD #1 believes that keeping water loss to a minimum is one of the keys to running a efficient water district.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Montgomery County Water District #1'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 09, 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.



Ryan Thomas

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: MONTGOMERY COUNTY WATER DISTRICT #1

For the Month of: January Year: 2019

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!