

**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

Madison County Utilities District

TO

COMMISSION'S REQUEST FOR INFORMATION

DATED DECEMBER 18, 2018

FILED: January 9, 2019

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

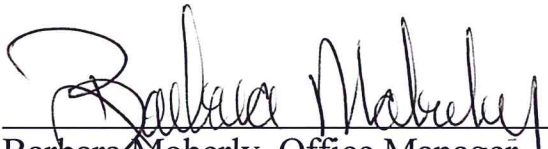
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**CERTIFICATION OF RESPONSE OF Madison County Utilities District TO
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 1-9-19



Barbara Moberly, Office Manager
Madison County Utilities District

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Barbara Moberly

- 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 Madison County Utilities District (MCUD), the water loss is calculated monthly by using the meter usage report with the number of gallons purchased subtracting the number of gallons sold to all customers. Generated by the billing system. The difference in water sold and purchased is our water loss.
- a. MCUD uses an excel worksheet provided by Kentucky Rural Water Association (KRWA)
 - b. See attached spreadsheet
 - c. KRWA is the provider of the spreadsheet used

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Barbara Moberly

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 (reference page 30)

1. Tracking total water produced and purchased
2. Water Produced only MCUD does not produce water
3. The total amount of gallons purchased
4. The total amount of gallons purchased by MCUD
5. n/a
6. The total amount of water sold to MCUD customers including residential, commercial, industrial and Government
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 industrial only
- 10.No loading station
11. MCUD has no resale
- 12.MCUD does not track sales to Public Authorities

- 13.MCUD sales to the Government
- 14.Total water sales of Residential, Commercial, Industrial, and Government
- 15.n/a
- 16.other water used
- 17.No Treatment plant
18. No wastewater plant
- 19.All flushing for maintenance reasons
- 20.Fire Department water usage
- 21.All other water usage if any
- 22.Total water used
- 23.N/A
24. Water loss
- 25.Any tank overflows calculated for maintenance
- 26.Known line breaks with estimated water loss
- 27.Known line Leaks with estimated water loss
- 28.Any known water loss done by excavation damages
- 29.Known water loss by theft
- 30.Any other unknown water loss
- 31.Total loss for all reasons
- 32.N/A

33.-34 N/A

35-36 Water Loss Percentage for ratemaking purposes

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Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Barbara Moberly

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

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Barbara Moberly

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 questions

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Barbara Moberly

- 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

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Barbara Moberly

- 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

Madison County Utilities District

CASE NO. 2018-00394

Response to Commission's Request for Information

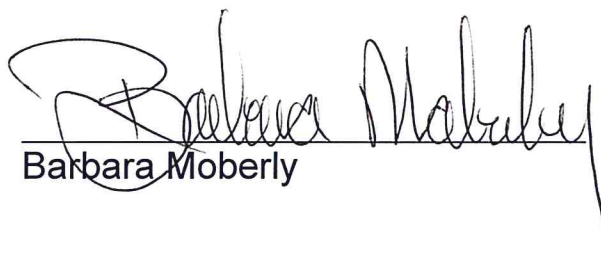
Question No. 7

Responding Witness: Barbara Moberly

- 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. All Water Utilities should use the same report the one the commission is requiring or the one provided by Kentucky Rural Water Association (KRWA)

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Madison County Utilities 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 9, 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.



Barbara Moberly

Water Use Report

Water Utility: MADISON COUNTY UTILITIES PWSID: KY0760224

For the Month of: December Year: 2018

1 PRODUCTION COST PER THOUSAND \$0.00
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED		
3	Water Produced	\$0.00
4	Water Purchased	
5	TOTAL PRODUCED AND PURCHASED	0
6	TOTAL COST	

WATER SOLD		
7	Residential	
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales (explain) _____	
13	TOTAL WATER SOLD	0
14	TOTAL WATER NOT SOLD	0

BREAKDOWN OF WATER USAGE		
15	Water Treatment Plant	
16	Wastewater Treatment Plant	
17	System Flushing	
18	Fire Department Usage	
19	DBP Flushing	
20	TOTAL USAGE	0
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES	

BREAKDOWN OF WATER LOST		
22	Tank Overflows	
23	Excavation Breaks	
24	Repaired Line Breaks	
25	Unknown Loss	0
26	TOTAL WATER NOT SOLD OR USED	0
27	COST OF WATER NOT SOLD OR USED	

"UNKNOWN LOSS" FLOW RATE AND COST:

28 "Unknown Loss" 0

29 % "Unknown Loss" 0

30 (insert days of operation during month) Number of Days in Period

31 "Unknown Loss" per Day (Gallons per Day)

32 "Unknown Loss" per Minute (GPM)

33 "Unknown Loss" Cost for Month

Dec-13 Water Loss Worksheet			
Water-RU	Cubic Feet	X 7.48	Gallons
			-
			-
			-
			-
			-
			-
			-
TOTAL	0.00		-
Water			
Sales	Cubic Feet	X 7.48	Gallons
			-
Residential			-
Comm'l			-
Industrial			-
Gov't			-
TOTAL	0.00		-
Flushing			
	Cubic Feet		Gallons
Total			
Fire Dept			
Gr Total Flushing			
Breaks			
	Cubic Feet		Gallons
Total			
Leaks			
Total			
Tank Overflow			
Gr Total			