

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

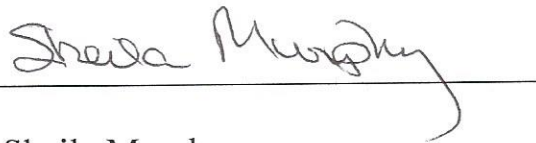
In the Matter of:

ELECTRONIC INVESTIGATION)	
INTO THE MEASURING,)	
RECORDING, AND REPORTING OF)	CASE NO. 2018-00394
WATER LOSS BY KENTUCKY'S)	
JURISDICTIONAL WATER)	
UTILITIES)	

**CERTIFICATION OF RESPONSE OF BEECH GROVE WATER SYSTEM
TO COMMISSION'S REQUEST FOR INFORMATION**

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

Date: January 9, 2019



Sheila Murphy
Office Manager
Beech Grove Water System

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Sheila Murphy

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. Beech Grove Water System calculates water loss on a monthly basis by using the master meter usage and customer usage. Beech Grove Water purchases all water therefore is a distribution system only. We have AMI customer meter reading system. The difference in water sold and water purchased is our water loss. We then adjust for flushing, fire department usage and line breaks.

- a. Beech Grove Water System uses excel spreadsheets.
- b. See attached spreadsheet
- c. Kentucky Rural Water Association excel spreadsheet

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Sheila Murphy

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 (page 30)

2. N/A

3. Total gallons purchased

4. Total gallons purchased

7. Total water sold to residential customers

8. Total water sold to commercial customers

9. N/A Industrial customers

10. Total water sold from bulk water station

11. N/A

12. Total water sold to agriculture customers

13. Total water sold (excel program figured)

14. Total water not sold (excel program figured)

15. N/A

16. N/A

17. Total gallons **estimated** when system flush monthly
18. Total gallons **estimated** fire department usage monthly
20. N/A
21. Water Loss percentage for rate purposes
22. Total tank overflow for month (not had tank overflow)
23. Total water loss **estimated** from excavation breaks for the month
24. Total water loss **estimated** from water main or service line breaks for the month
25. N/A
26. Total water not sold or used for the month (excel program figured)
27. Cost of water not sold or used for the month (excel program figured)
28. – 33. (excel program figured)

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Sheila Murphy

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

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Sheila Murphy

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

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Sheila Murphy

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

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Sheila Murphy

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

Beech Grove Water System

CASE NO. 2018-00394

Response to Commission's Request for Information

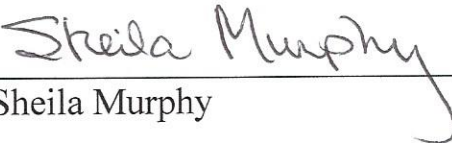
Question No. 7

Responding Witness: Sheila Murphy

- 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. Beech Grove Water System is currently using Kentucky Rural Water excel spreadsheet to report water loss. We believe it is reasonable, proper, appropriate to maintain a water loss record. This keeps water loss to a minimum and water system running efficient.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that **Beech Grove Water System**'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 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.



Sheila Murphy

Water Use Report

Water Utility: Beech Grove Water System PWSID: KY 0750529

For the Month of: January Year: 2019

1	PRODUCTION COST PER THOUSAND	\$0.00
2	PURCHASE COST PER THOUSAND	\$2.62

GALLONS

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

WATER SOLD

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

BREAKDOWN OF WATER USAGE

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

BREAKDOWN OF WATER LOST

22	Tank Overflows	0 #VALUE!
23	Excavation Breaks	0 #VALUE!
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"	
30	Number of Days in Period	31
31	"Unknown Loss" per Day (Gallons per Day)	0
32	"Unknown Loss" per Minute (GPM)	0.00
33	"Unknown Loss" Cost for Month	