

**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
WESTERN ROCKCASTLE WATER ASSOCIATION
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED JANUARY 14, 2019

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

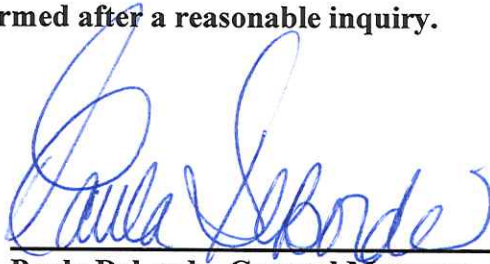
ELECTRONIC INVESTIGATION)
INTO THE MEASURING,)
RECORDING, AND REPORTING OF) CASE NO. 2018-00394
WATER LOSS BY KENTUCKY'S)
JURISDICTIONAL WATER)
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CERTIFICATION OF RESPONSE OF
WESTERN ROCKCASTLE WATER ASSOCIATION TO
COMMISSION'S REQUEST FOR INFORMATION

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

DATE: _____

4/14/19



Paula Deborde, General Manager
Western Rockcastle Water Association

Western Rockcastle Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Paula Deborde

- Question 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.**

- Response 1. Western Rockcastle Water Association (WRWA) reads master meters daily and customer meters monthly. Master meter readings provide the total amount of water in gallons purchased from all suppliers. Water loss is calculated monthly by using the Sales and Consumption Report generated by the WRWA billing system of total gallons sold to all customers. The difference between water sold and water purchased after adjusting for flushing, fire department usage, line break loss and other usages as identified on Reporting Form is water loss.**
- a. Western Rockcastle Water Association uses the Monthly (Annual) Water Loss Report (Excel Workbook).**
 - b. See sample sheet from Excel Workbook labeled as Exhibit 1.**
 - c. Kentucky Rural Water Association is the source of this Workbook.**

Western Rockcastle Water Association

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Response to Commission's Request for Information

Question No. 2

Responding Witness: Paula Deborde

Question 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.

Response 2. Western Rockcastle Water Association (WRWA) purchases and produces all of the water it sells. WRWA understands the Water Statistics (Ref Page: 30) of the Annual Report.

- 1. This is a section heading, "Water Produced, Purchased and Distributed"**
- 2. WRWA does not produce water therefore leaves blank.**
- 3. WRWA enters total gallons of water purchased omitting 000's**
- 4. This number is the total gallons of water the utility produced and purchased**
- 5. There is not a Number 5 (skipped number) on Water Statistics (Ref Pg 30) print copy**
- 6. This is a section heading, "Water Sales: "**
- 7. Using reports generated by billing system, WRWA enters Residential total usage in gallons**
- 8. Using reports generated by billing system, WRWA enters Commercial total usage in gallons**
- 9. WRWA does no have any Industrial sales.**
- 10. WRWA does not have any Bulk Loading Stations.**
- 11. WRWA does not resale water to any wholesale customers**
- 12. Any water sold that cannot be categorized within Nos. 7 – 11, total gallons input here**
- 13. Total of all Water Sales (in gallons) calculated from all categories (Nos. 7-12)**
- 14. There is not a Number 14 (skipped number) on Water Statistics (Ref Pg 30) print copy**
- 15. This is a section heading, "Other Water Used"**
- 16. WRWA does not have a Water Treatment Plant therefore this is left blank**
- 17. WRWA does not have a Wastewater treatment plant**

18. WRWA routinely flushes to maintain safe drinking water standards. Flushing calculations and records are maintained. Total gallons used for flushing entered.
19. WRWA enters Fire Department usage from FD Usage Reports
20. Other Water Usage, such as theft, meter failures, weather-related events, etc. is entered here on this line.
21. Total of Other Water Used (in gallons) calculated from all categories (Nos. 16-20)
22. There is not a Number 22 (skipped number) on Water Statistics (Ref Pg 30) print copy
23. This is a section heading, "Water Loss: "
24. Gallons of water loss due to an annual total of any Tank Overflow entered (records are maintained, if applicable)
25. Gallons of water loss due to Known Line Breaks (caused/reported by utility, other utilities, customers, contractors, etc.) entered on this line (records are maintained, if applicable)
26. Gallons of water loss due to Known Line Leaks that have been located/repaired.
27. WRWA entered in the 2017 Report gallons recorded in Leak Log.
28. Total Line Loss (water in gallons) calculated from all categories (Nos. 24-27) and entered
29. There is not a Number 29 (skipped number) on Water Statistics (Ref Pg 30) print copy
30. There is not a Number 30 (skipped number) on Water Statistics (Ref Pg 30) print copy
31. There is not a Number 31 (skipped number) on Water Statistics (Ref Pg 30) print copy
32. This is a section heading, "Water Loss Percentage"
33. The Water Loss Percentage is calculated based upon data entry of Line 28, "Total Line Loss" divided by Line 4, "Total Produced and Purchased"

Western Rockcastle Water Association

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Response to Commission's Request for Information

Question No. 3

Responding Witness: Paula Deborde

Question 3. State any questions you have regarding how to use the updated Commission Form described and attached as Appendix A to this Order.

Response 3. Western Rockcastle Water Association (WRWA) has no questions regarding the use of the updated Commission Form attached as Appendix A to the Order.

Western Rockcastle Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Paula Deborde

Question 4. State any suggestions or improvements you have for the updated Commission Form described and attached as Appendix A to this Order.

Response 4. Western Rockcastle Water Association (WRWA) has no suggestions or improvements to offer for the updated Commission Form described and attached as Appendix A to the Order.

Western Rockcastle Water Association

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Response to Commission's Request for Information

Question No. 5

Responding Witness: Paula Deborde

Question 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.

Response 5. Western Rockcastle Water Association (WRWA) has no questions regarding how the information in the updated Commission Form described and attached as Appendix A to the Order is to be incorporated into annual reports.

Western Rockcastle Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Paula Deborde

Question 6. State any concerns you have regarding the use of the updated Commission Form described and attached as Appendix A to this Order.

Response 6. Western Rockcastle Water Association (WRWA) has no concerns regarding the use of the updated Commission Form described and attached as Appendix A to the Order upon review/approval by KEEC/DEP/DOW.

Western Rockcastle Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: Paula Deborde

Question 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.

Response 7. Western Rockcastle Water Association (WRWA) believes 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 the Order. WRWA believes it is a good business practice for all water utilities to use the same Form to track all sources of non-revenue water.

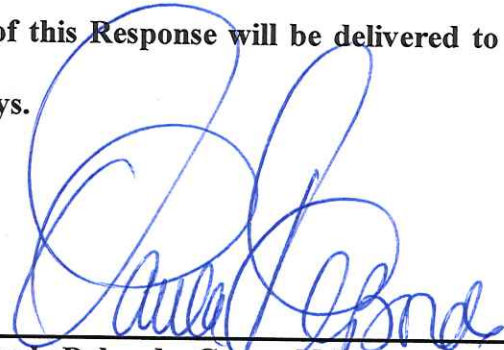
Western Rockcastle Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Western Rockcastle Water Association'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 14, 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.



**Paula Deborde, General Manager
Western Rockcastle Water Association**

Water Use Report

Exhibit 1

Water Utility: WESTERN ROCKCASTLE WATER PWSID: KY1020891

For the Month of: January Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

		GALLONS
WATER PRODUCED or PURCHASED		
3	Water Produced	
4	Water Purchased	
5	TOTAL PRODUCED AND PURCHASED	
6	TOTAL COST	0

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	
26	TOTAL WATER NOT SOLD OR USED	0
27	COST OF WATER NOT SOLD OR USED	

"UNKNOWN LOSS" FLOW RATE AND COST:	
"Unknown Loss"	0
% "Unknown Loss"	
Number of Days in Period	31
"Unknown Loss" per Day (Gallons per Day)	0
"Unknown Loss" per Minute (GPM)	0.00
"Unknown Loss" Cost for Month	