

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:

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

RESPONSE OF
PARKSVILLE WATER DISTRICT

In response to the Commission's December 18, 2018 Order, Parksville Water District states as shown on the following pages:

VERIFICATION

The statements of facts contained in this response are true and correct to the best of my knowledge and belief.

BY: Debbie Webb
Debbie Webb
Manager

STATE OF KENTUCKY

COUNTY OF BOYLE

This document was subscribed and sworn to before me this 8 day of January, 2019
By Debbie Webb as Manager for and on behalf of Parksville Water District.

Angie B. Stewart ID#590144
NOTARY PUBLIC
MY COMMISSION EXPIRES: 11-6-21



Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No.1

Responding Witness: Debbie Webb

- 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 spreadsheets) or electronic or mechanized system to calculate and track water loss.
 - b. Provide a copy of any form used (including Excel spreadsheets).
 - c. Identify the source of any form used.
- A-1 Parksville Water District (PWD) reads the master meter daily. Those readings are used to verify the number of gallons billed to us each month by the city of Danville and is considered the water purchased amount on the monthly water loss report. PWD reads all customers meters monthly and the number of gallons billed on the billing register report (generated by our utility billing system) is considered the water sold amount on the monthly water loss report. The difference of water sold from water purchased is our water loss after adjustments are made for flushing, fire department use and storage.
- a. Parksville Water District uses the approved PSC water loss report.
 - b. See report attached
 - c. Public Service Commission

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 2

Responding Witness: Debbie Webb

Q-2 Explain in detail your understanding of the information by 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 Commissioner's website.

A-2 Water Statistics (Ref. Page 30)

1. Tracking of water bought and sold
2. Amount of water produced
3. Amount of water purchased
4. The total amount of water produced and purchased
- 5.
6. Total water sold to PWD customers
7. Total water sold to PWD residential customers only.
8. Total water sold to PWD commercial customers only.
9. Total water sold to Industrial customers (PWD has no industrial customers)
10. PWD has no bulk loading station
11. PWD has no resale
12. PWD does not have any other means of sale
13. Total water sales to all customers
- 14.
15. PWD has no other water used
16. Water used at PWD office/No treatment plant.
17. PWD has no wastewater plant
18. Water used for flushing maintenance
19. All water used for fire department emergencies, training and tanker filling
20. Storage or theft
21. Total of all known water use
- 22.
23. Unknown water loss
24. Estimate of all known tank overflows
25. Estimate of all known water lost through line breaks
26. Estimate of all known line leaks
27. Other known issues of water loss
28. Total of all known water loss
32. Total line loss divided by total water purchased equals percentage of water loss

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 3

Responding Witness: Debbie Webb

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 Parksville Water District has no questions about the updated Commission Form.

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 4

Responding Witness: Debbie Webb

- 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 Parksville Water District has only one suggestion concerning the updated Commission Form. Because most rural water districts have many miles of lines with few customers' we are storing millions of gallons of water that has been bought but not yet sold. So, a dedicated line for storage in tanks and lines would be my suggestion.

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 5

Responding Witness: Debbie Webb

- 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 Parksville Water District has no questions regarding how information in the updated Commission Form is to be incorporated into annual reports.

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 6

Responding Witness: Debbie Webb

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 Parksville Water District has no concerns about the updated Commission Form.

Parksville Water District

CASE NO. 2018-00394

Response to Commissioner's Request for Information

Question No. 7

Responding Witness: Debbie Webb

- 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 Parksville Water District believes it is reasonable, proper, and appropriate for the Commission to require Water Utilities to maintain and use the updated Commission Form attached as Appendix A. Parksville Water District believes that keeping water loss to a minimum, as much as possible, is the key to running an efficient water district.

CERTIFICATE OF SERVICE

In accordance with 801 KAR 5:001, Section 8, I certify that Parksville Water District'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 8, 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.

Debbie Webb

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)	
1	WATER PRODUCED, PURCHASED & DISTRIBUTED		
2	Water Produced		
3	Water Purchased	9,142,452	
4	TOTAL PRODUCED AND PURCHASED	9,142,452	
5			
6	WATER SALES		
7	Residential	4,420,780	
8	Commercial	182,040	
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales		
13	TOTAL WATER SALES	4,602,820 50.3%	
14			
15	OTHER WATER USED		
16	Utility and/or Water Treatment Plant	3,000	
17	Wastewater Plant		
18	System Flushing	950,000	
19	Fire Department	450,000	
20	Other <u>storage in tanks and lines</u>	1,310,008	
21	TOTAL OTHER WATER USED	2,713,008 29.7%	
22			
23	WATER LOSS		
24	Tank Overflows		
25	Line Breaks	900,000	
26	Line Leaks	926,624	
27	Other		
28	TOTAL LINE LOSS	1,826,624 20.0%	
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)	20.0%	