

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

FILED: January 8, 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)	
UTILITIES)	

**CERTIFICATION OF RESPONSE OF JUDY WATER ASSOCIATION TO
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 1-8-19



**BILLY RAY FAWNS, MANAGER
JUDY WATER ASSOCIATION**

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: BILLY RAY FAWNS

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 Judy Water Association (JWA), the water loss is calculated monthly by using customer usage and master meter usage. JWA is a distribution system, therefore we only purchase water. We are able to read our 2000 meters in one day, so we are able to know how much we sold between 2 dates and how much we purchased between 2 dates. This data is broken down into a matter of hours between 2 specific dates. The difference in water sold and water purchased is our water loss. We then adjust for flushing, line breaks and the occasional storage tank overflow.

- a. JWA uses Excel spreadsheets.
- b. See attached spreadsheet.
- c. PSC Monthly Water Loss Report spreadsheet.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: BILLY RAY FAWNS

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.

1. Overview "Water Produced, Purchased, and Distributed"
2. JWA only purchases, we'll not use this line.
3. Total gallons purchased.
4. Total gallons purchased by JWA.
6. Overview "Water Sales"
7. Total of water sold to residential customers.
8. Total of water sold to commercial customers.
9. Total of water sold to industrial customers, we'll not use this line.
10. No loading stations, we'll not use this line.
11. JWA does not resale, we'll not use this line.
12. JWA has no Public Authorities, we'll not use this line.
13. JWA has no other sales, we'll not use this line.
14. Total Residential and Commercial water sales.

16. Overview "Other Water Used"

17. No Water Treatment plant, we'll not use this line.

18. No Wastewater plant, we'll not use this line.

19. Total gallons flushed for maintenance and water quality.

20. We are not allowed to provide fire protection, won't use this line.

21. Any other usage.

22. This is basically all the water JWA used for flushing.

24. Overview "Water Loss"

25. Gallons of water lost due to a tank overflow.

26. Known line breaks with estimated water loss.

27. Line leaks that need to be fixed.

28. Water lost from Excavation.

29. Water lost from theft.

30. Only unknown water loss.

31. Total of 25-30. "Total Line Loss".

33. Total Water Sales + Total Other Water Used + Total Line Loss = Total Water
Purchased.

36. Divide Total Line Loss by Total Water Purchased to obtain Water Loss
Percentage for Ratemaking Purposes.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: BILLY RAY FAWNS

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. JWA has no questions.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: BILLY RAY FAWNS

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. JWA has no suggestions.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: BILLY RAY FAWNS

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. JWA has no questions.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: BILLY RAY FAWNS

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. JWA has no concerns.

JUDY WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: BILLY RAY FAWNS

- 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. JWA believes it is reasonable, proper and appropriate for water utilities to use the PSC Commission Form.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that JUDY WATER ASSOCIATIONS'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.



BILLY RAY FAWNS

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	
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!