

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

Electronic Investigation into the Measuring,     )  
Recording, and Reporting of Water Loss by     )     Case No. 2018-00394  
Kentucky Jurisdictional Water Utilities     )

---

**WATER SERVICE CORPORATION OF KENTUCKY'S  
RESPONSES TO COMMISSION'S INITIAL REQUEST FOR INFORMATION**

---

Date Filed: January 15, 2019

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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 electric 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:

At WSCK, water lose is calculated monthly by subtracting water sold, from consumption reports from billing software, water used for flushing, fire department use, water used for meter testing, process water, and backwash water, from water produced.

- a. WSCK, uses an in-house made spreadsheet.
- b. See attachment.
- c. WSCK

WITNESS: Stephen Vaughn

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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:**

We note that the Water Statistics page is reference page 35 for investor-owned utilities.

2. Water that was treated from our own source.
3. Water that was paid for and treated from an outside source.
4. Sum of all water treated and available for sale.
7. Total of all water sold to residential customers
8. Total of all water sold to commercial customers
9. Total of all water sold to industrial customers.
10. WSCK has no loading stations
11. WSCK has one inter-connect with Pineville Utility Commission. Any sale of water to them would go here.
12. Other sales would be for Governmental entities.
13. Total amount of water sold.
16. Water used in the process of treating water, i.e. to feed chemicals, and back-washing of filters.
17. WSCK does not operate a WWTP that requires the use of water.
18. Water used from a fire hydrant, or meter service, to clean mains.

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

19. Water used by municipal fire departments, during the process of fighting fires, and while training.
20. Process monitoring instruments, Chlorine analyzers and turbidimeters.
21. Total of all accounted for water.
23. The difference between purchased/produced water and water sold/utility plant usage.
24. Amount of water that was used during the overfilling of a storage tank.
25. Amount of water that was estimated to have leaked out during a line break.
26. Amount of water that was estimated to have leaked out during a line leak.
27. Any amount of water that would not fit into lines 24-26.
28. Sum of all known tank overflows, leaks, and breaks.
33. Percentage of Water Loss: water from leaks, breaks and overflows.

WITNESS: Stephen Vaughn

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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

RESPONSE: None

WITNESS: Stephen Vaughn

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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

RESPONSE: Instead of requiring information to be provided in 1,000-gallon increments, permit a utility to identify the actual gallons for each category.

WITNESS: Stephen Vaughn

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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: None

WITNESS: Stephen Vaughn

**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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

RESPONSE: None

WITNESS: Stephen Vaughn



**Water Service Corporation of Kentucky**  
**Case No. 2018-00394**  
**Commission Staff's Initial Request for Information Supplemental Response**

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: It is reasonable, proper, and appropriate.

WITNESS: Stephen Vaughn

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

Electronic Investigation into the Measuring,     )  
Recording, and Reporting of Water Loss by     )  
Kentucky Jurisdictional Water Utilities     )     Case No. 2018-00394


---

**CERTIFICATION OF RESPONSES TO INFORMATION REQUESTS**

---

This is to certify that I have supervised the preparation of Water Service Corporation of Kentucky's ("WSCK") responses to the Commission's Request for Information and that the responses are true and accurate to the best of my knowledge, information, and belief after reasonable inquiry.

Date: 11/14/19

  
\_\_\_\_\_  
Stephen Vaughn  
Area Manager