

**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
FOUNTAIN RUN WATER DISTRICT #1
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED JANUARY 15, 2019

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BEFORE THE PUBLIC SERVICE COMMISSION**


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**CERTIFICATION OF RESPONSE OF FOUNTAIN RUN WATER DISTRICT #1 TO
COMMISSION'S REQUEST FOR INFORMATION**

This is to certify that I have supervised the preparation of Fountain Run Water District #1's Response to the Commission's Request for Information. The response submitted on behalf of Fountain Run Water District #1 is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

DATE: 1-15-19


**Christopher Veach, General Manager
Fountain Run Water District #1**

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Christopher Veach

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. At Fountain Run Water District #1 (FRWD1), master meters are read 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 Meter Usage Report generated by the FRWD billing system of total gallons sold to all customers. The difference between water sold and water purchased after adjusting for flushing, fire hydrant usage, fire department usage, line break loss and other usages as identified on Reporting Form is water loss.

- a. Fountain Run Water District #1 uses the Monthly (Annual) Water Loss Report (Excel Workbook).**
- b. See sample sheet from Excel Workbook labeled as Exhibit 1.**
- c. Kentucky Public Service Commission.**

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) purchases all of the water it sells. FRWD understands the Water Statistics (Ref Page: 30) of the Annual Report.

- 1. This is a section heading, "Water Produced, Purchased and Distributed"**
- 2. FRWD1 does not produce water therefore leaves blank.**
- 3. FRWD1 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, FRWD 1 enters Residential total usage in gallons**
- 8. Using reports generated by billing system, FRWD1 enters Commercial total usage in gallons**
- 9. FRWD1 does not have any Industrial sales therefore leaves blank.**
- 10. FRWD1 does not have any Bulk Loading Stations therefore leaves blank.**
- 11. FRWD1 does not resale water to any wholesale customers therefore leaves blank.**
- 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. FRWD1 does not have a Water Treatment Plant therefore this is left blank**

17. **FRWD1 does not have a Wastewater treatment plant therefore this is left blank**
 18. **FRWD1 routinely flushes to maintain safe drinking water standards. Flushing calculations and records are maintained. Total gallons used for flushing entered.**
 19. **FRWD1 enters Fire Department usage from FD Usage Reports**
 20. **Other Water Usage, such as testing meters, 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 Unknown Line Leaks that have not been located/repared.**
 27. **FRWD1 does not enter/use this category therefore "Other" is left blank**
 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"**
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Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) has no questions regarding the use of the updated Commission Form attached as Appendix A to the Order.

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) has no suggestions or improvements to offer for the updated Commission Form described and attached as Appendix A to the Order.

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) 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.

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) has no concerns regarding the use of the updated Commission Form described and attached as Appendix A to the Order.

Fountain Run Water District #1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: Christopher Veach

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. Fountain Run Water District #1 (FRWD1) 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. FRWD1 believes it is a good business practice for all water utilities to track all sources of non-revenue water.

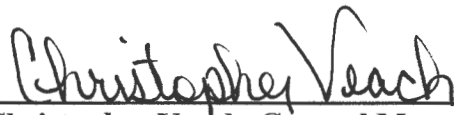
Fountain Run Water District #1

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 Fountain Run Water District #1'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 15, 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.



**Christopher Veach, General Manager
Fountain Run Water District #1**

PUBLIC SERVICE COMMISSION

EXHIBIT 1

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!