

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

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

**RESPONSE OF
GALLATIN COUNTY WATER DISTRICT
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: January 17, 2019

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**CERTIFICATION OF RESPONSE OF GALLATIN COUNTY WATER DISTRICT TO
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 01/17/19



Willie Harmeling, Operator
Gallatin County Water District

**GALLATIN COUNTY WATER DISTRICT
CASE NO. 2018-00394**

Response to Commission's Request for Information

Question No. 1

Responding Witness: Willie Harmeling

- 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. GCWD calculates monthly water loss by using the Code Summary Report generated from our Utility Billing System. This report breaks down the water that is sold by residential, commercial and whole sale customers. Then using the Division of Water Monthly Operating Reports we tally water that is produced from the two treatment plants and water that is purchased from the City of Warsaw. The difference in water sold and the total water produced and purchased. Then using our field logs for flushing, fire department reporting, water used for CL2 analyzers, estimated usages from service lines and main breaks.
- a. GCWD uses both the KY PSC Monthly Water Loss Report and the KRWA Water Usage Report. We prefer the KRWA Water Usage Report because it allows us to enter the cost of production for loss of revenue and allows us to account for loss associated with line breaks and leaks.
 - b. See both spreadsheets attached.
 - c. KRWA and KY PSC is the provider of the spreadsheets used.

GALLATIN COUNTY WATER DISTRICT

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Question No. 2

Responding Witness: Willie Harmeling

- 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. Line 1- Is self-explanatory heading
- Line 2- Water Produced from treatment plants
- Line 3- Water purchased wholesale from other distributors
- Line 4-The sum on line 2 and 3
- Line 5 -Blank
- Line 6- self- explanatory heading
- Line 7 -Water used by residential customers
- Line 8 – Water used by businesses
- Line 9 – Industrial Consumers only
- Line 10- Water loading stations
- Line 11- Resale – Water sold to another utility
- Line 12 – Other Sales
- Line 13- Total of Lines 7-12
- Line 15 -Self explanatory heading for lines 16-20
- Line 16 -Water that is used at treatment plant to produce potable water
- Line 17- Waster water
- Line 18- System Flushing- water used to maintain compliance in the distribution system.
- Line 19 Fire Department – Water used and reported by fire departments

Line 20- other usage not recorded in lines 16-19, theft, etc.

Line 21 Sum of lines 16-20

Line 22 Blank

Line 23 heading for water loss

Line 24 tank overflows – telemetry malfunction, power failures, etc.

Line 25 Line Breaks are considered as non-revenue water loss due to damages caused by Excavation or accessories that can be estimated.

Line 26 – Line Leaks are considered as non-revenue water loss that can be estimated and are caused by age of pipe, natural ground movement, settlement, etc.

Line 27 The water loss in this category is the loss that truly cannot be accounted for.

Line 28 Total of lines 24-27

Line 32 –Heading for line 33

Line 33 -percentage of water loss

**GALLATIN COUNTY WATER DISTRICT
CASE NO. 2018-00394**

Response to Commission's Request for Information

Question No. 3

Responding Witness: Willie Harmeling

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. No Questions

**GALLATIN COUNTY WATER DISTRICT
CASE NO. 2018-00394**

Response to Commission's Request for Information

Question No. 4

Responding Witness: Willie Harmeling

- 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. Consider combining KRWA and KY PSC forms into one form.

**GALLATIN COUNTY WATER DISTRICT
CASE NO. 2018-00394**

Response to Commission's Request for Information

Question No. 5

Responding Witness: Willie Harmeling

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. No Questions

GALLATIN COUNTY WATER DISTRICT

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Response to Commission's Request for Information

Question No. 6

Responding Witness: Willie Harmeling

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. No- Questions

GALLATIN COUNTY WATER

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: Willie Harmeling

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. GCWD believes it is reasonable and appropriate for PSC to require utilities to maintain and use a Monthly water loss report. We are in agreement that all water not sold should be considered as Loss of revenue.

However, utilities should not be penalized for unavoidable water loss due to leaks, breaks, theft, etc. If you can account for an estimated loss for such reasons then this should be considered as accounted for water and should not be reflected in the percentage of loss.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Gallatin County 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 17, 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.



Willie Harmeling