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

Trimble County Water District # 1

TO

COMMISSION’S REQUEST FOR INFORMATION

DATED DECEMBER 18, 2018

FILED: January _16_, 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 Trimble County Water District #1
TO COMMISSION’S REQUEST FOR INFORMATION

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

Date: __1/16/19________________________ Neill Martindale, District Manager
____________________Trimble County Water District #1____________________
Trimble County Water District #1

CASE NO. 2018-00394

Response to Commission’s Request for Information

Question No. 1

Responding Witness: Neil Martindale

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. [Insert response]

   a. We use Excel and hydrant calculation

   b. Excel and hydrant included

   c. Rural water
CASE NO. 2018-00394
Response to Commission’s Request for Information

Question No. 2

Responding Witness: Neil Martindale

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. I do understand it all.

CASE NO. 2018-00394
Response to Commission’s Request for Information

Question No. 3

Responding Witness: Neil Martindale

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. None
Trimble County Water District#1

CASE NO. 2018-00394

Response to Commission’s Request for Information

Question No. 4

Responding Witness: Neil Martindale

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. Good system..none
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. None
TCWD#1

CASE NO. 2018-00394

Response to Commission’s Request for Information

Question No. 6

Responding Witness: Neil Martindale

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. Any of the old systems with many dead ends due to landscape hills and ridges will quit flushing to stay in compliance
TCWD#1

CASE NO. 2018-00394

Response to Commission’s Request for Information

Question No. 7

Responding Witness: Neil Martindale

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. I do not
CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that TCWD#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 _16_, 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.

_Neil Martindale_
Hydrant or Pipe Flush Calculator

Dia of Opening in inches: 2

Horizontal Distance from Opening to outer edge of the water flow in inches: 20

Vertical Distance from top of flow opening to the ground in inches: 25

Est. Flow in gallons per minute (GPM): 40.96
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<th>Date</th>
<th>Hydrant Location and/or Number</th>
<th>Reason Operated</th>
<th>Total Minutes Operated</th>
<th>Nozzle Size (typically 2.5 or 4.5)</th>
<th>Pitot Pressure</th>
<th>GPM</th>
<th>Gallons Flowed</th>
<th>Estimated Flow if Pitot not used</th>
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Formula: GPM = 29.83 cd²/³p

Unit Conversion Factor: 29.83

Estimated Flow if Pitot not used:

Total Gallons for Month: 66,288

Kentucky Rural Water Association