

**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 _____ Neil Martindale, District Manager
_____ Trimble County Water Distict #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

TCWD#1

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

TCWD#1

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Neil Martindale

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

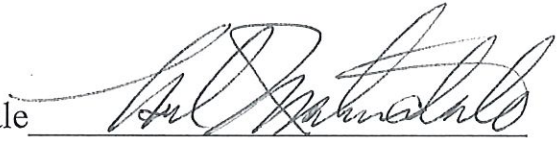
Q-7. State whether you believe it is reasonable, proper, and appropriate for the Commission to require jurisdictional water utilities to maintain and use the updated Commission Form described and attached as Appendix A to this Order. Fully explain your answer

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

A handwritten signature in cursive script, appearing to read "Neil Martindale", written over a horizontal line.

—

Hydrant or Pipe Flush Calculator

Dia of Opening in inches

2

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

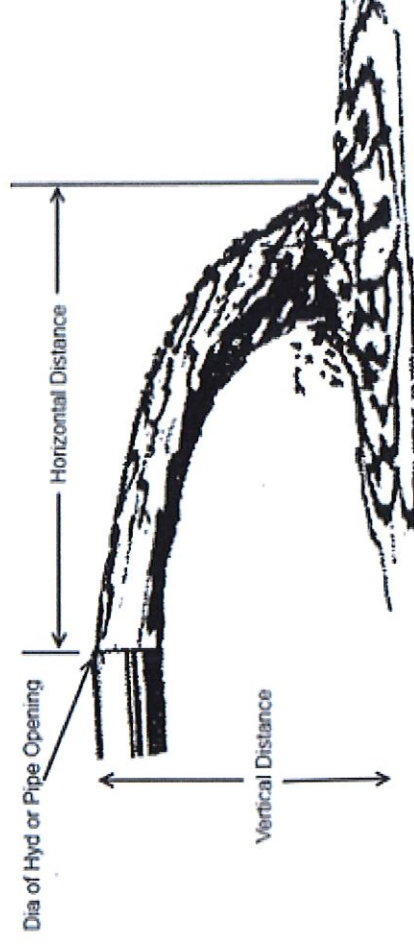
20

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

25

Est. Flow in gallons per minute
(GPM)

40.96



Monthly Hydrant Flushing Report

Trimble County Water District (name of Water System)

Month 0

KY1120431 (PWSID)

Year 0

Formula: $GPM = 29.83 cd^2 \sqrt{p}$ unit conversion factor 29.83
 coefficient value 0.95

Date	Hydrant Location and/or Number	Reason Operated	Total Minutes Operated	Nozzle size (typically 2.5 or 4.5)	Pitot Pressure	GPM	Gallons Flowed	Estimated Flow if Pitot not used
	Palmyra 1	cl	20.00					1,001
	2	cl	20.00					1,001
	3	cl	65.00					3,252
	4	cl	20.00					1,001
	Quire Joslin	air	195.00					19,511
	Autum Crt.	air	60.00					6,003
	Quire Joslin	air	60.00					30,017
	Leeport	cl	20.00					1,001
	Mullikin	cl	20.00					1,001
	Gatewood	cl	20.00					500
	Nubbin	cl	10.00					500
	Alexander	cl	10.00					500
	Joyce Mills	cl	10.00					500
	NewHope	cl	30.00					500

Total Gallons for Month 66,288