

**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
LAKE VILLAGE WATER ASSOCIATION
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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WATER LOSS BY KENTUCKY'S)	
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**CERTIFICATION OF RESPONSE OF THE
LAKE VILLAGE WATER ASSOCIATION TO
COMMISSION'S REQUEST FOR INFORMATION**

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

Date: 11/12/19

Mike D. Sanford
Mike D. Sanford, Executive Director
Lake Village Water Association

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Mike D. Sanford

- 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. Lake Village Water Association tracks water purchased through daily master meter readings and SCADA data. The monthly totals for the amount of water sold is obtained from billing reports that are generated when monthly bills are printed. In addition to water purchased and sold, the Association keeps record of system flushing volumes, fire department usage, the volume of water in storage that has been purchased from both suppliers, water main breaks, service line leaks, customer leak adjustment volumes and unaccounted for water loss. The current spreadsheet used by the Association separates the water loss into Accounted for Water and Unaccounted for Water after manual calculations have been completed to determine both. Effective January 2019, the Association began utilizing the PSC Monthly Water Loss Report included in the December 18, 2018 Order.
- a. For the past 20 years the Association has used an Excel spreadsheet. Effective January 2019, the Association will utilize the PSC Monthly Water Loss Report included in the December 18, 2018 Order.
 - b. See attached.
 - c. Lake Village Water Association created the Excel spreadsheet.

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Mike D. Sanford

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.
1. All water bought and sold
 2. The Association purchases all water
 3. Gallons of water purchased
 4. Total gallons of water purchased by the Association
 6. Total gallons of water sold
 7. Gallons of water sold to residential customers
 8. Gallons of water sold to commercial customers
 9. Gallons of water sold to industrial customers (None)
 10. Gallons of water sold through bulk sales (None)
 11. No resale
 12. No other sales
 13. Total gallons of water sold
 15. Gallons used in utility operations
 16. Purchase only
 17. No wastewater plant
 18. Gallons of water flushed
 19. Gallons used by the fire department
 20. Leak adjustments, storage, meter malfunctions
 21. Total gallons of water used in utility operations
 23. The difference between purchased and sold, less accounted for water
 24. Water loss from tank overflows- gallons
 25. Water loss from line breaks that have been repaired- gallons
 26. Water loss from line leaks that have not been repaired- gallons
 27. Other loss that can't be accounted for in any other category- gallons
 28. Total water loss
 32. Water loss percentage
 33. Line 28 divided by Line 4

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: Mike D. Sanford

- 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. Lake Village Water Association does not have questions regarding the updated Commission Form described as Appendix A.

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: Mike D. Sanford

- 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. Lake Village Water Association does not have suggestions or improvements for the updated form.

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: Mike D. Sanford

- 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. The Association does not have questions about incorporating the information from the form into the annual report. The annual report is prepared and submitted by the CPA upon completion of the annual financial audit. Association Management will communicate with the CPA prior to preparation of the current annual report to ensure that the information is properly submitted to the Commission.

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: Mike D. Sanford

- 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. Lake Village Water Association has no concerns with the Commission Form.

LAKE VILLAGE WATER ASSOCIATION

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: Mike D. Sanford

- 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. Lake Village Water Association believes it is reasonable, proper and appropriate for the Commission to require jurisdictional utilities to maintain and the use the update form. The form contains all of the information related to water usage that should be documented by the utility for proper operation and maintenance. Use of the form is straight forward and user friendly.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Lake Village Water Association'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.


Mike D. Sanford

	Water Purchased (gals)	Water Sold (gals)	Water Loss (gals)	%	Accounted for Water (gals)	Unaccounted for Water (gals)	%
2018							
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Totals							
Avg							
Min							
Max							

Areas shaded in green include formulas & require no data input.
 Areas shaded in yellow include annual data replacing formulas.