

**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
SOUTHEAST DAVIESS COUNTY WATER DISTRICT
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: January 11, 2019

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

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

Date: 1/10/2019

William G. Higdon
William G. Higdon, General Manager
Southeast Daviess County Water District

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: William G. Higdon

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. The Southeast Daviess County Water District calculates water loss by adding the total gallons purchased from each master meter during the month then subtracts the total gallons sold during the month provided by the billing system's billing register. Accounted for water loss is then subtracted to get a final water loss amount.

- a. The Southeast Daviess County Water District utilizes an excel spreadsheet developed by District Staff.
- b. See attached spreadsheet
- c. Spreadsheet was developed by District Staff

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: William G. Higdon

- 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. Section heading for all water produced and purchased
 2. Total water gallons produced by water treatment plant
 3. Total water gallons purchased from water producer
 4. Addition of line 2 and 3
 6. Section heading for water sales
 7. Total water gallons sold to residential customers
 8. Total water gallons sold to commercial customers
 9. Total water gallons sold to industrial customers
 10. Total water gallons sold to bulk loading stations
 11. Total water gallons sold to resale customers
 12. Total water gallons sold to other account classifications
 13. Total water gallons sold to all account classifications
 15. Total water gallons for other uses
 16. Total water gallons used by utility / water treatment plant
 17. Total water gallons used by wastewater plant
 18. Total water gallons used for flushing for maintenance reasons
 19. Total water gallons used by fire department
 20. Total water gallons used for other reasons
 21. Addition of lines 15 through 20
 23. Section heading for water loss
 24. Total water gallons lost due to tank overflows
 25. Total water gallons lost due to line breaks
 26. Total water gallons lost due to line leaks
 27. Total water gallons lost due to other reasons
 28. Addition of lines 24 through 27
 32. Section heading for water loss calculation
 33. Percentage calculation by dividing line 28 by line 4

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: William G. Higdon

- 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

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 4

Responding Witness: William G. Higdon

- 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. No suggestions or improvements

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: William G. Higdon

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

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: William G. Higdon

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 concerns

Southeast Daviess County Water District

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: William G. Higdon

- 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. The Southeast Daviess County Water District is already using water loss spreadsheets, so 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.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Southeast Daviess 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 11, 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.


William G. Higdon

SOUTHEAST DAVIESS COUNTY WATER DISTRICT

WATER LOSS

2018

<u>MONTH</u>	<u>GALLONS PURCHASED</u>	<u>GALLONS SOLD</u>	<u>GALLONS LOSS</u>	<u>ACCOUNTED FOR WATER LOSS</u>	<u>MONTHLY LOSS</u>	<u>YEAR TO DATE LOSS</u>	<u>YEAR TO DATE LOSS (PSC)</u>
JAN					#DIV/0!	#DIV/0!	#DIV/0!
FEB					#DIV/0!	#DIV/0!	#DIV/0!
MAR					#DIV/0!	#DIV/0!	#DIV/0!
APR					#DIV/0!	#DIV/0!	#DIV/0!
MAY					#DIV/0!	#DIV/0!	#DIV/0!
JUN					#DIV/0!	#DIV/0!	#DIV/0!
JUL					#DIV/0!	#DIV/0!	#DIV/0!
AUG					#DIV/0!	#DIV/0!	#DIV/0!
SEP					#DIV/0!	#DIV/0!	#DIV/0!
OCT					#DIV/0!	#DIV/0!	#DIV/0!
NOV					#DIV/0!	#DIV/0!	#DIV/0!
DEC					#DIV/0!	#DIV/0!	#DIV/0!
TOTAL	-	-	-	0			
	WATER LOSS	-			#DIV/0!		#DIV/0!