

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION )  
INTO THE MEASURING, )  
RECORDING, AND REPORTING OF )  
WATER LOSS BY KENTUCKY'S )  
JURISDICTIONAL WATER )  
UTILITIES )

CASE NO. 2018-00394

RESPONSE OF

SOUTH HOPKINS WATER DISTRICT  
TO  
COMMISSION'S REQUEST FOR INFORMATION  
DATED DECEMBER 18, 2018

FILED: January 10, 2019

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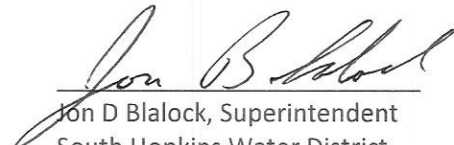
CASE NO. 2018-00394

CERTIFICATION OF RESPON OF (SOUTH HOPKINS WATER DISTRICT) TO  
COMMISSION'S REQUEST FOR INFORMATION

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

Date:

1-10-19

  
Jon D Blalock, Superintendent  
South Hopkins Water District

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 1**

**Responding Witness: Jon D Blalock**

Q-1 Explain in detail the manner in which you measure, calculate, and track water loss, and:

- a. Identify whether you use any manual for (including Excel spreadsheet) or electric 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 A billing register is generated each month with the usage of each customer. That is used to figure up the amount of water sold. There are also three wholesale buyers. The water sold to the wholesale buyers is figured up by getting monthly master meter readings. The amount of water sold, utility usage, fire department usage, and known repaired leaks are subtracted from the water purchased to find the water loss in gallons. To determine the percentage, SHWD takes the unaccounted water loss gallons and divides by the water purchased. Water sold, purchased, flushing, fire department usage and know repaired leaks are logged in an excel spreadsheet to keep track of each category. This is called our Monthly Detailed Report. After the numbers are figured, the information is transferred to another excel spreadsheet called Accountability for Water to show the entire year by month of water loss and year to date water loss.

- a. Excel spreadsheet
- b. Attached
- c. SHWD is the provider of the spreadsheet

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 2**

**Responding Witness: Jon D Blalock**

Q2- 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.

A2- The following explanation is how SHWD understands the report:

1-4 Total water purchased (SHWD does not produce water)

6-14 Water sold to: residential, commercial, industrial, whole sale, and Public Authorities. (SHWD has no bulk loading stations)

15-22 Water used for system flushing and Fire Department usage. (SHWD does not have a water treatment or wastewater plant)

23-31 Tank overflows, line breaks, line leaks, excavation damages, theft and unknown loss

33 Line 14 + Line 22+ Line 31 MUST equal Line 4

36 Line 31 divided by line 4

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 3**

**Responding Witness: Jon D Blalock**

Q3- State any questions you have regarding how to use the updated Commission Form described and attached as Appendix A to this Order.

A) No questions

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 4**

**Responding Witness: Jon D Blalock**

Q4- State any suggestions or improvements you have for the updated Commission Form described and attached as Appendix A to this Order.

A- No suggestions

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 5**

**Responding Witness: Jon D Blalock**

Q5- State any questions you have regarding how the information in the updated Commission Form described and attached as Appendix A to this Order is be incorporated into annual reports.

A) No questions

**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 6**

**Responding Witness: Jon D Blalock**

Q6- State any concerns you have regarding the use of the updated Commission Form described and attached as Appendix A to this Order.

A) No concerns



**SOUTH HOPKINS WATER DISTRICT  
CASE NO. 2018-00394  
RESPONSE TO COMMISSION'S REQUEST FOR INFORMATION  
QUESTION NO. 7**

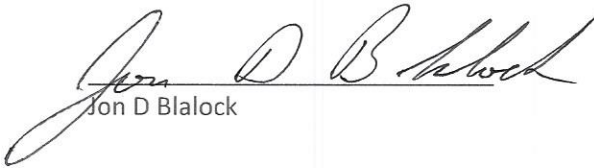
**Responding Witness: Jon D Blalock**

Q7- 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) SHWD believes it is reasonable, proper and appropriate to record and maintain water loss figures. However, we believe it would be better to continue to use the same method and way of recording as previously done.

### CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that South Hopkins Water District 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 10, 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.



Jon D Blalock

	Water Purchased	Water Sold	Utility Usage	Fire Protection	Leaks	Unaccounted Water Loss	Monthly Loss
East (St C)						-	#DIV/0!
North (109)						-	#DIV/0!
West (CC)						-	#DIV/0!
Grapevine						-	#DIV/0!
Earlington							
Mortons Gap							
CCWD							
	-	-	-	-	-	-	#DIV/0!

Leaks

Flushing

\*7,800 Mortons Gap Flushing

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Fire

# ACCOUNTABILITY FOR WATER

<u>Month</u>	<u>Water Purchased</u>	<u>Water Sold</u>	<u>Utility Usage</u>	<u>Fire Protection</u>	<u>Leaks</u>	<u>Unaccounted Water Loss</u>	<u>Monthly Loss</u>	<u>YTD Loss</u>
January						0	#DIV/0!	
February						0	#DIV/0!	
March						0	#DIV/0!	
April						0	#DIV/0!	
May						0	#DIV/0!	
June						0	#DIV/0!	
July						0	#DIV/0!	
August						0	#DIV/0!	
September						0	#DIV/0!	
October						0	#DIV/0!	
November						0	#DIV/0!	
December						0	#DIV/0!	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>#DIV/0!</b>	