

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  
SOUTH LOGAN WATER ASSOCIATION  
TO  
COMMISSION'S REQUEST FOR INFORMATION  
DATED DECEMBER 18, 2018

FILED JANUARY 14, 2019



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CERTIFICATION OF RESPONSE OF  
SOUTH LOGAN WATER ASSOCIATION TO  
COMMISSION'S REQUEST FOR INFORMATION

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

DATE: 1-14-19

  
\_\_\_\_\_  
Jamie Utley, Operations Manager  
South Logan Water Association

South Logan Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: Jamie Utley

- Question 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.

- Response 1.** South Logan Water Association (SLWA) reads master meters daily and customer meters monthly. Master meter readings reconciled with wholesale bills received provide the total amount of water in gallons purchased from all suppliers. Water loss is calculated monthly by using the Selected Code Report generated by the SLWA billing system of total gallons sold to all customers. The difference between water sold and water purchased after adjusting for flushing, hydrant flushing, fire department usage, line break loss and other usages as identified on Reporting Form is water loss.
- a. South Logan Water Association uses the Monthly Water Loss Report (Excel Workbook).
  - b. See sample sheet from Excel Workbook labeled as Exhibit 1.
  - c. Kentucky Rural Water Association is the source of this Workbook.

South Logan Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: Jamie Utley

**Question 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.

**Response 2.** South Logan Water Association (SLWA) purchases and produces all of the water it sells. SLWA understands the Water Statistics (Ref Page: 30) of the Annual Report.

1. This is a section heading, "Water Produced, Purchased and Distributed"
2. SLWA does not produce water therefore leaves blank.
3. SLWA enters total gallons of water purchased omitting 000's
4. This number is the total gallons of water the utility produced and purchased
5. There is not a Number 5 (skipped number) on Water Statistics (Ref Pg 30) print copy
6. This is a section heading, "Water Sales: "
7. Using reports generated by billing system, SLWA enters Residential total usage in gallons
8. Using reports generated by billing system, SLWA enters Commercial total usage in gallons
9. SLWA does not have any Industrial sales.
10. SLWA does not have any Bulk Loading Stations.
11. SLWA does not resale water to any wholesale customers
12. Any water sold that cannot be categorized within Nos. 7 – 11, total gallons input here
13. Total of all Water Sales (in gallons) calculated from all categories (Nos. 7-12)
14. There is not a Number 14 (skipped number) on Water Statistics (Ref Pg 30) print copy
15. This is a section heading, "Other Water Used"

16. SLWA does not have a Water Treatment Plant therefore this is left blank
17. SLWA does not have a Wastewater treatment plant therefore this is left blank
18. SLWA routinely flushes to maintain safe drinking water standards. Flushing calculations and records are maintained. Total gallons used for flushing entered.
19. SLWA enters Fire Department usage from FD Usage Reports
20. Other Water Usage, such as theft, meter failures, weather-related events, etc. is entered here on this line; if applicable.
21. Total of Other Water Used (in gallons) calculated from all categories (Nos. 16-20)
22. There is not a Number 22 (skipped number) on Water Statistics (Ref Pg 30) print copy
23. This is a section heading, "Water Loss: "
24. Gallons of water loss due to an annual total of any Tank Overflow entered (records are maintained, if applicable)
25. SLWA does not use this line of report.
26. SLWA does not use this line of report.
27. SLWA enters line leaks and breaks maintained/recorded in Leak Log here.
28. Total Line Loss (water in gallons) calculated from all categories (Nos. 24-27) and entered
29. There is not a Number 29 (skipped number) on Water Statistics (Ref Pg 30) print copy
30. There is not a Number 30 (skipped number) on Water Statistics (Ref Pg 30) print copy
31. There is not a Number 31 (skipped number) on Water Statistics (Ref Pg 30) print copy
32. This is a section heading, "Water Loss Percentage"
33. The Water Loss Percentage is calculated based upon data entry of Line 28, "Total Line Loss" divided by Line 4, "Total Produced and Purchased"

**South Logan Water Association**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 3**

**Responding Witness: Jamie Utley**

**Question 3. State any questions you have regarding how to use the updated Commission Form described and attached as Appendix A to this Order.**

**Response 3. South Logan Water Association (SLWA) has no questions regarding the use of the updated Commission Form attached as Appendix A to the Order.**

**South Logan Water Association**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 4**

**Responding Witness: Jamie Utley**

**Question 4. State any suggestions or improvements you have for the updated Commission Form described and attached as Appendix A to this Order.**

**Response 4. South Logan Water Association (SLWA) has no suggestions or improvements to offer for the updated Commission Form described and attached as Appendix A to the Order.**

**South Logan Water Association**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 5**

**Responding Witness: Jamie Utley**

**Question 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.**

**Response 5. South Logan Water Association (SLWA) has no questions regarding how the information in the updated Commission Form described and attached as Appendix A to the Order is to be incorporated into annual reports.**



**South Logan Water Association**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 6**

**Responding Witness: Jamie Utley**

**Question 6. State any concerns you have regarding the use of the updated Commission Form described and attached as Appendix A to this Order.**

**Response 6. South Logan Water Association (SLWA) has no concerns regarding the use of the updated Commission Form described and attached as Appendix A to the Order.**

**South Logan Water Association**

**CASE NO. 2018-00394**

**Response to Commission's Request for Information**

**Question No. 7**

**Responding Witness: Jamie Utley**

**Question 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.**

**Response 7. South Logan Water Association (SLWA) believes 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. SLWA believes it is a good business practice for all water utilities to use the same Form to track all sources of non-revenue water.**

South Logan Water Association

CASE NO. 2018-00394

Response to Commission's Request for Information

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that South Logan 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 14, 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.

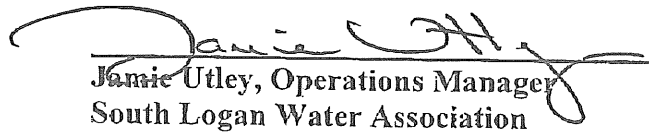
  
Jamie Utley, Operations Manager  
South Logan Water Association

Exhibit 1

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED, &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	
5		
6	<b>WATER SALES</b>	
7	Residential	
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain) _____	
14	<b>TOTAL WATER SALES</b>	
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain) _____	
22	<b>TOTAL OTHER WATER USED</b>	
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	
28	Excavation Damages	
29	Theft	
30	Unknown Loss	
31	<b>TOTAL LINE LOSS</b>	
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE FOR RATEMAKING PURPOSES</b>	
36	<b>(Line 31 divided by Line 4)</b>	