

**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**

**Todd County Water District**

**TO**

**COMMISSION'S REQUEST FOR INFORMATION**

**DATED DECEMBER 18, 2018**

**FILED: January 10, 2019**

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>ELECTRONIC INVESTIGATION</b>	)	
<b>INTO THE MEASURING,</b>	)	
<b>RECORDING, AND REPORTING OF</b>	)	<b>CASE NO. 2018-00394</b>
<b>WATER LOSS BY KENTUCKY'S</b>	)	
<b>JURISDICTIONAL WATER</b>	)	
<b>UTILITIES</b>	)	

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

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

Date: January 10<sup>th</sup>, 2019

Carla Moody  
Carla Moody, Office Manager  
Todd County Water District

**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 1**

**Responding Witness: Carla Moody**

- 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. Manual Form
  - b. See attached
  - c. Provided by Kentucky Rural Water Association.

**TODD COUNTY WATER DISTRICT]**

**CASE NO. 2018-00394**

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

**Question No. 2**

**Responding Witness: Carla Moody**

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.

Line 2- Water produced by our company for the reporting year. Our district purchases all of its water and produces no water.

Line 3- Water purchased for the reporting year. Our district purchases all of the water used in our system.

Line 7- Residential- All of the water sold to residential customers is reported here, in gallons.

Line 8- Commercial- All of the water sold to commercial customers is reported here, in gallons.

Line 9- Industrial- All of the water sold to industrial customers is reported here, in gallons. There are no industrial customers in our district at this time.

Line 10- Bulk Loading stations- All of the water sold to bulk customers is reported here. These are other utilities purchasing water from our utility.

Line 16- Utility/ water treatment plant- This would be water used in a treatment plant, if our utility produced its own water.

Line 17- Wastewater plant- If our utility had a waste water plant, this would be where to report the water used in this facility.

Line 18- System flushing- This is where we report any water used during regular system flushing.

Line 19- Fire department- This is where we report the water used by the local fire departments for the year.

Line 20- Other- This is where to report any other water used in the system that is not reflected in lines 16-19.

Line 24- Tank overflows- This is where to report any water loss due to overfilling tanks.

Line 25-26- Line breaks and line leaks- This is where to report any water loss due to line breaks.

Line 27- This is where to report any water loss not reflected in line 24-26.

**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 3**

**Responding Witness: Carla Moody**

- 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. I have no questions regarding the water loss form. This is essentially what we use currently.

**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 4**

**Responding Witness: Carla Moody**

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. I have no suggestions.

**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 5**

**Responding Witness: Carla Moody**

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. I have no questions.



**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 6**

**Responding Witness: Carla Moody**

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. I have no concerns.

**TODD COUNTY WATER DISTRICT**

**CASE NO. 2018-00394**

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

**Question No. 7**

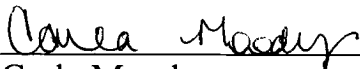
**Responding Witness: Carla Moody**

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 believe it is reasonable to require water utilities to maintain and report their water loss, but if there are no issues with the form they are currently using to report their loss, why make all utilities conform to the same form? Our district is a very small and simple district, so we have a very simple water loss report, I can see where larger utilities have much more to account for and would like to use their personal reports to show this.

## CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Todd 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 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.

  
\_\_\_\_\_  
Carla Moody

Monthly  
Annual Water Use Report

Water Utility:

Year:

LINE #	ITEM	GALLONS (Omit 000's)	%
1	<b>WATER PRODUCED or PURCHASED</b>		
2	Water Produced		
3	Water Purchased		
4	<b>TOTAL PRODUCED AND PURCHASED</b>		
<b>WATER SOLD</b>			
5	Residential		
6	Commercial		
7	Industrial		
8	Bulk Loading Stations		
9	Wholesale		
10	Other Sales (explain) _____		
11	<b>TOTAL WATER SOLD</b>		
12	<b>TOTAL WATER NOT SOLD</b>		
<b>BREAKDOWN OF UNSOLD WATER USED</b>			
13	Utility and/or Water Treatment Plant		
14	Wastewater Plant		
15	System Flushing		
16	Fire Department		
17	Other (explain) _____		
<b>TOTAL UNSOLD WATER USED</b>			
<b>BREAKDOWN OF WATER LOST</b>			
18	Tank Overflows		
19	Line Breaks		
20	Other Loss		
<b>TOTAL UNSOLD WATER LOST</b>			

21	<b>"OTHER LOSS" FLOW RATE CALCULATION:</b>
22	"Other Loss"
23	% "Other Loss"
24	Number of Days in Period
25	"Other Loss" per Day (1,000's gallons per Day)
	"Other Loss" per Minute (GPM)



This form approved by: EPPC/DEP/DOW, KY PSC, KRWA

$$\frac{\text{Line 4} - \text{Line 11}}{\text{Line 4}} = \text{ \% lost}$$