

**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
OF WATER LOSS BY KENTUCKY'S)
JURISDICTIONAL WATER)

**CERTIFICATION OF RESPONSE OF NORTH MERCER WATER
DISTRICT TO COMMISSIONER'S REQUEST
FOR INFORMATION**

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

Date: _____

Mischell Lee, Manager
North Mercer Water District

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 1

Responding Witness: MISHELL LEE

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. North Mercer Water District (NMWD) uses the excel spreadsheet provided by the Public Service Commission to calculate water loss. Our billing software provides a monthly consumption report that breaks down our residential, commercial, tax exempt, and multi-dwelling sales. Our Field Supervisor keeps a monthly log of flushing, and other water used by the District. A log of all breaks and estimated water lost from repaired breaks is also kept. Any water used by the fire department is reported monthly to the District. At the end of every month we enter those totals into the spreadsheet provided by the PSC and it calculates our water loss, which is the difference in water sold and water purchased.

- a. NMWD uses Excel Spreadsheets
- b. See Attached spreadsheet
- c. PSC Monthly Water Loss Report

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 2

Responding Witness: MISHELL LEE

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.

A2.

1. Overview "Water Produced, Purchased and Distributed
2. Water Produced. NMWD is a distributor only.
3. Total gallons purchased
4. Total gallons purchased by NMWD
6. The total amount of water sold to the District's customers, all classes
7. Total for Residential Class
8. Total for Commercial Class
9. Total for Industrial Class
10. Total for Bulk Loading Station Class
11. Total for Resale Class
12. Total for Other Class

13. Total of all Classes
15. Total of Other Water Used
16. Total gallons used by the Utility/ Water treatment Plant
17. Total gallons used by Wastewater Plant
18. Total gallons used for System Flushing
19. Total gallons used by Fire Departments
20. Total gallons used by Other
21. Total gallons used by Other
23. The difference between purchased/produced & sold plus other water used section
24. Total gallons from Tank Overflows
25. Total gallons from known Line Breaks
26. Total gallons from known Line Breaks
27. Total gallons from leaks or other issues not determined
28. Total gallons lost from line breaks, line leaks and tank overflows
32. Water loss percentage
33. Total line loss is divided by Total Purchased or Produced

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 3

Responding Witness: MISHELL LEE

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. NMWD has no questions regarding how to use the updated Commission Form.

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Responding to Commission's Request for Information

Question No. 4

Responding Witness: MISHELL LEE

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

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 5

Responding Witness: MISHELL LEE

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. NMWD has no questions regarding how the information in the updated Commission Form is to be incorporated into annual reports.

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 6

Responding Witness: MISHELL LEE

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. NMWD has no concerns regarding the use of the updated Commission Form.

NORTH MERCER WATER DISTRICT

CASE NO. 2018-00394

Response to Commission's Request for Information

Question No. 7

Responding Witness: MISHELL LEE

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. NMWD believes that is reasonable, proper and appropriate for the Commission to require jurisdictional water utilities to maintain and use the updated form.

CERTIFICATE OF SERVICE

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

Mischell Lee, General Manager
North Mercer Water District

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**RESPONSE OF
NORTH MERCER WATER DISTRICT
TO
COMMISSION'S REQUEST FOR INFORMATION
DATED DECEMBER 18, 2018**

FILED: JANUARY 10, 2019

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


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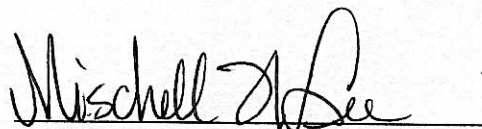
This is to certify that I have supervised the preparation of North Mercer Water District's Response to the Commission's Request for Information. The response submitted on behalf of North Mercer Water District is true and accurate to the best of my knowledge, information, and belief formed after a reasonable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

Date: 1-9-2019


Mischell Lee, Manager
North Mercer Water District

CERTIFICATE OF SERVICE

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

A handwritten signature in black ink that reads "Mischell Lee". The signature is written in a cursive style and is positioned above a horizontal line.

Mischell Lee, General Manager
North Mercer Water District

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

NORTH MERCER WATER DISTRICT

For the Month of:

February

Year:

2018

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED, PURCHASED & DISTRIBUTED	
2	Water Produced	
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	
5		
6	WATER SALES	
7	Residential	
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	TOTAL WATER SALES	
14		
15	OTHER WATER USED	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	
19	Fire Department	
20	Other <u>Meter test bench</u>	
21	TOTAL OTHER WATER USED	
22		
23	WATER LOSS	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	
27	Other	
28	TOTAL LINE LOSS	
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	WATER LOSS PERCENTAGE	
33	Unaccounted-For Water (Line 28 divided by Line 4)	#DIV/0!