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 EAST DAVIESS COUNTY WATER ASSOCIATION

In response to the Commission's December 18, 2018 Order, East Daviess County Water Association states as shown on the following pages:

VERIFICATION

The statements of facts contained in this response are true and correct to the best of my knowledge and belief.

BY: Kasey Emmick, Manager
East Daviess County Water Association

STATE OF KENTUCKY
COUNTY OF DAVIESS

This document was subscribed and sworn to before me this 10th day of January, 2019
By Kasey Emmick as Manager for and on behalf of East Daviess County Water Association.

Mary Edge (527856)
NOTARY PUBLIC
MY COMMISSION EXPIRES: 2-21-19
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 EAST DAVIESS COUNTY WATER ASSOCIATION 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:

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

CASE NO. 2018-00394

CERTIFICATION OF RESPONSE OF EAST DAVIESS COUNTY WATER ASSOCIATION TO COMMISSION’S REQUEST FOR INFORMATION

This is to certify that I have supervised the preparation of EAST DAVIESS COUNTY WATER ASSOCIATION’S Response to the Commission’s Request for Information. The response submitted on behalf of EAST DAVIESS COUNTY WATER ASSOCIATION is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: 1-10-19

KASEY EMMICK, MANAGER
EAST DAVIESS COUNTY WATER ASSOCIATION
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 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. At East Daviess County Water Association (EDWCA), the water loss is calculated monthly by taking the water bought from Owensboro Municipal Utilities (OMU) and subtracting water sold. Using this number, water loss is determined by subtracting line breaks, flushing, fire department usage, meter testing and the occasional tank overflow for the month. We are a distribution system only.

a. EDCWA has been using an excel spreadsheet provided to us by the Public Service Commission (PSC).

b. See Attached Appendix A

c. PCS Monthly Water Loss Spreadsheet
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.


1. Water purchased, produced and distributed
2. Purchase only
3. Total amount of gallons purchased
4. Total amount of gallons purchased are purchased by EDWCA
5. Water Sales
6. Total of water sold to Residential customers
7. Total water sold to Commercial customers
8. Total water sold to Industrial customers
9. No bulk loading stations
10. Wholesale gallons sold is included with Residential sales
11. Total water sold to Tax Exempt customers
12. Total water sold from lines 7 through 12
15. Other water used
16. n/a
17. n/a
18. Total gallons used for System Flushing
19. Total gallons used by Fire Departments
20. Total gallons used by Other
21. Total gallons used that can be accounted for
23. The difference between purchased and sold and other water accounted for
24. Total gallons for Tank overflows
25. Known line breaks with estimated water loss
26. Known line breaks with estimated water loss
27. Other as in theft or unknown unaccounted for
28. Total unknown water loss
32. Water loss percentage
33. Water loss percentage for the month
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
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
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
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
EAST Daviess County Water Association

Case No. 2018-00394

Response to Commission’s Request for Information

Question No. 7

Responding Witness: Kasey Emmick

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. East Daviess County Water Association believes that 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. It is essential that the whole state use the same spreadsheet to maintain a better accuracy of tracking water loss.
CERTIFICATION OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that EAST DAVIESS COUNTY 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 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.

KASEY EMMICK

[Signature]
### PUBLIC SERVICE COMMISSION

#### Monthly Water Loss Report

**Water Utility:**

For the Month of: [ ] January

**Year:** 2019

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