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
PARKSVILLE WATER DISTRICT

In response to the Commission’s December 18, 2018 Order, Parksville Water District 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: ________________
Debbie Webb
Manager

STATE OF KENTUCKY

COUNTY OF BOYLE

This document was subscribed and sworn to before me this 8th day of January, 2019
By Debbie Webb as Manager for and on behalf of Parksville Water District.

__________________________
NOTARY PUBLIC
MY COMMISSION EXPIRES: 11-10-21
Response to Commissioner’s Request for Information

Question No.1

Responding Witness: Debbie Webb

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 spreadsheets) or electronic or mechanized system to calculate and track water loss.
   b. Provide a copy of any form used (including Excel spreadsheets).
   c. Identify the source of any form used.

A-1 Parksville Water District (PWD) reads the master meter daily. Those readings are used to verify the number of gallons billed to us each month by the city of Danville and is considered the water purchased amount on the monthly water loss report. PWD reads all customers meters monthly and the number of gallons billed on the billing register report (generated by our utility billing system) is considered the water sold amount on the monthly water loss report. The difference of water sold from water purchased is our water loss after adjustments are made for flushing, fire department use and storage.

   a. Parksville Water District uses the approved PSC water loss report.
   b. See report attached
   c. Public Service Commission
Parksville Water District

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Response to Commissioner’s Request for Information

Question No. 2

Responding Witness: Debbie Webb

Q-2 Explain in detail your understanding of the information by 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 Commissioner’s website.

A-2 Water Statistics (Ref. Page 30)

1. Tracking of water bought and sold
2. Amount of water produced
3. Amount of water purchased
4. The total amount of water produced and purchased
5. Total water sold to PWD customers
6. Total water sold to PWD residential customers only.
7. Total water sold to PWD commercial customers only.
8. Total water sold to Industrial customers (PWD has no industrial customers)
9. PWD has no bulk loading station
10. PWD has no resale
11. PWD does not have any other means of sale
12. Total water sales to all customers
13. PWD has no other water used
14. Water used at PWD office/No treatment plant.
15. PWD has no wastewater plant
16. Water used for flushing maintenance
17. All water used for fire department emergencies, training and tanker filling
18. Storage or theft
19. Total of all known water use
20. Unknown water loss
21. Estimate of all known tank overflows
22. Estimate of all known water lost through line breaks
23. Estimate of all known line leaks
24. Other known issues of water loss
25. Total of all known water loss
26. Total line loss divided by total water purchased equals percentage of water loss

Parksville Water District

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Response to Commissioner’s Request for Information
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  Parksville Water District has no questions about the updated Commission Form.
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 Parksville Water District has only one suggestion concerning the updated Commission Form. Because most rural water districts have many miles of lines with few customers’ we are storing millions of gallons of water that has been bought but not yet sold. So, a dedicated line for storage in tanks and lines would be my suggestion.
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 Parksville Water District has no questions regarding how information in the updated Commission Form is to be incorporated into annual reports.
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  Parksville Water District has on concerns about the updated Commission Form.
Parksville Water District

CASE NO. 2018-00394

Response to Commissioner’s Request for Information

Question No. 7

Responding Witness: Debbie Webb

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  Parksville Water District believes it is reasonable, proper, and appropriate for the Commission to require Water Utilities to maintain and use the updated Commission Form attached as Appendix A. Parksville Water District believes that keeping water loss to a minimum, as much as possible, is the key to running an efficient water district.
CERTIFICATE OF SERVICE

In accordance with 801 KAR 5:001, Section 8, I certify that Parksville 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 8, 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.

________________________________
Debbie Webb
# Public Service Commission

## Monthly Water Loss Report

**Water Utility:** Parksville Water District  

**For the Month of:** December  

**Year:** 2018

<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>9,142,452</td>
</tr>
<tr>
<td>4</td>
<td>TOTAL PRODUCED AND PURCHASED</td>
<td>9,142,452</td>
</tr>
<tr>
<td>5</td>
<td>WATER SALES</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Residential</td>
<td>4,420,780</td>
</tr>
<tr>
<td>7</td>
<td>Commercial</td>
<td>182,040</td>
</tr>
<tr>
<td>8</td>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Bulk Loading Stations</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Wholesale</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Other Sales</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>TOTAL WATER SALES</td>
<td>4,602,820</td>
</tr>
<tr>
<td>13</td>
<td>50.3%</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>OTHER WATER USED</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Utility and/or Water Treatment Plant</td>
<td>3,000</td>
</tr>
<tr>
<td>16</td>
<td>Wastewater Plant</td>
<td>950,000</td>
</tr>
<tr>
<td>17</td>
<td>System Flushing</td>
<td>450,000</td>
</tr>
<tr>
<td>18</td>
<td>Fire Department</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Other storage in tanks and lines</td>
<td>1,310,008</td>
</tr>
<tr>
<td>20</td>
<td>TOTAL OTHER WATER USED</td>
<td>2,713,008</td>
</tr>
<tr>
<td>21</td>
<td>20.7%</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>WATER LOSS</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Tank Overflows</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Line Breaks</td>
<td>900,000</td>
</tr>
<tr>
<td>25</td>
<td>Line Leaks</td>
<td>926,624</td>
</tr>
<tr>
<td>26</td>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>TOTAL LINE LOSS</td>
<td>1,826,624</td>
</tr>
<tr>
<td>28</td>
<td>20.0%</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Note: Line 13 + Line 21 + Line 28 Must Equal Line 4</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>WATER LOSS PERCENTAGE</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Unaccounted-For Water (Line 28 divided by Line 4)</td>
<td>20.0%</td>
</tr>
</tbody>
</table>