

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC RATTLESNAKE RIDGE WATER	)	
DISTRICT UNACCOUNTED FOR WATER LOSS	)	CASE NO.
REDUCTION PLAN, SURCHARGE AND	)	2024-00176
MONITORING	)	

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION  
TO RATTLESNAKE RIDGE WATER DISTRICT

Rattlesnake Ridge Water District (Rattlesnake Ridge District), pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on September 30, 2025. The Commission directs Rattlesnake Ridge District to the Commission's July 22, 2021 Order in Case No. 2020-00085<sup>1</sup> regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the

---

<sup>1</sup> Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Rattlesnake Ridge District shall make timely amendment to any prior response if Rattlesnake Ridge District obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which Rattlesnake Ridge District fails or refuses to furnish all or part of the requested information, Rattlesnake Ridge District shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied and scanned material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, Rattlesnake Ridge District shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to Rattlesnake Ridge District's Qualified Infrastructure Improvement Plan (QIIP) at unnumbered page 2, paragraph 3, in relation to the zone meters. Explain how Rattlesnake Ridge District has utilized the data from the nine currently installed zone meters and identify the areas the zone meters have identified that may need additional leak detection.

2. Refer to Rattlesnake Ridge District's QIIP at unnumbered page 2, paragraph 4. Explain whether Rattlesnake Ridge District plans to hire or utilize current employees in relation to leak detection efforts, or Rattlesnake Ridge District is considering hiring an outside vendor for leak detection efforts.

3. Refer to Rattlesnake Ridge District's QIIP at unnumbered page 2, paragraph 5. Explain how Rattlesnake Ridge District currently tests its meters and provide documentation for any associated costs for this testing for each meter size

4. Refer to Rattlesnake Ridge District's QIIP at unnumbered pages 2-3.

a. Provide a list of the identified water loss problem areas within the distribution system, including the current water loss percentage within each area.

b. Explain how Rattlesnake Ridge District plans to prioritize each of the proposed water main replacement projects.

5. Refer to Rattlesnake Ridge District's QIIP at unnumbered page 3, Table 7. Provide the following information for the listed items.

a. The quantity and location in the system the proposed items will be installed.

b. State whether each item will be installed using internal labor or if Rattlesnake Ridge will hire an external contractor to complete the installation.

c. Provide any estimates for the cost of each item and any quotes for proposed contracted work or installation.

d. Provide the estimated completion date for each item.

e. Provide the expected funding source for each item, whether from the water loss surcharge funds or alternate funding.

f. State whether the expected funding has been obtained. If yes, provide the date the funding was provided. If no, provide the status of obtaining the funds.

g. Provide an updated list, in order of priority, to include a detailed description of the schedule for completing the proposed projects

Item #	Project	Project Description	Project Cost
1	Pressure Reducing Stations	Installation of pressure reducing stations on five branch lines	\$ 50,000
2	Water Valve Insertion	Installation of water valves of various sizes within the system to help reduce the amount of time it takes to find and repair leaks	100,000
3	Zone Meters	Installation of zone meters to help narrow down areas that may have potential leaks	250,000
4	Leak Detection Equipment	Purchase of leak detection equipment to find leaks quicker	25,000
5	Water Meter Testing Bench	Purchase of a water meter testing bench to test meters for accuracy	50,000
6	Diamond Ridge RD Water Main Replacement	Replacement of problematic water main (1,000 ft, 3 and 4 inch)	60,000
7	Horton Flats Road Water Main Replacement	Replacement of problematic water main (7,500 ft, 3 and 4 inch))	325,000
8	KY 1496 Water Main Replacement	Replacement of problematic water main (20,000 ft, 4 inch)	850,000
9	Willard School Water Main Replacement	Replacement of problematic water main (500 ft, 6 inch)	50,000
10	Huff Run Road Water Main Replacement	Replacement of problematic water main (15,000 ft., 8 inch))	800,000
Total – Qualified Infrastructure Future Expenditures			<u>\$ 2,560,000</u>

6. Refer to Item 5 in the table above, the water meter testing bench.

a. Provide the in-service date of the 4,030 meters referenced in the QIIP filing.

b. State the percentage of customer meters installed as part of the replacement.

c. State the number of meters currently testing by a third party.

d. State the cost per meter for testing by the third party.

e. State how the meter testing bench would be staffed.

7. Refer to Rattlesnake Ridge District's QIIP at unnumbered page 4. Explain whether Rattlesnake Ridge District has an estimate, expressed as a water loss percentage, of the anticipated impact in water loss from the proposed projects.

8. Refer to Rattlesnake Ridge District's 2022, 2023, and 2024 annual reports regarding water gallons sold. Rattlesnake Ridge District reported 176,980,000; 262,317,000; and 255,799,000 gallons sold in 2022, 2023, and 2024, respectively.

Provide an explanation for the increased gallons sold since 2022, which appears to be an approximate 50 percent increase between 2022 and 2023.



Linda C. Bridwell, PE  
Executive Director  
Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602

DATED **AUG 27 2025**

cc: Parties of Record

\*Delores Woodsbaker  
Rattlesnake Ridge Water District  
P. O. Box 475  
Grayson, KY 41143

\*Rattlesnake Ridge Water District  
5302 S State Hwy 7  
P. O. Box 475  
Grayson, KY 41143-0475

\*David Gifford  
Rattlesnake Ridge Water District  
P. O. Box 475  
Grayson, KY 41143

\*Rebecca Kitchen  
Rattlesnake Ridge Water District  
P. O. Box 475  
Grayson, KY 41143

\*Sam Reid  
312 N. Jackson Street  
Perryville, KY 40468