

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

THE APPLICATION OF THE BREATHITT COUNTY)
WATER DISTRICT FOR THE ISSUANCE OF A)
CERTIFICATE OF PUBLIC CONVENIENCE AND) Case No. 2020-00218
NECESSITY TO CONSTRUCT A WATER SYSTEM)
IMPROVEMEMNTS PROJECT PURSUANT TO THE)
PROVISIONS OF KRS 278.020 AND 807 KAR 5:001)

*** *** *** *** *** *** ***

Comes now the Applicant, Breathitt County Water District, by and through its Chairman, Bobby Thorpe, Jr., and for its Response to the Public Service Commission’s Initial Request for Information, states, under oath, as follows:

REQUEST NO. 1: Refer to Breathitt District’s 2018 Annual Report, page 57. Total Other Water Used, line 21, lists 19,235,000 gallons, which equates to 17.76 percent of the water purchased by Breathitt District.

- a. Provide a detailed explanation how the amounts were determined for each of the categories listed as Other Water Used.
- b. Provide Copies of all documents relied upon to support the amounts of water usage for each of the categories listed as Other Water Used.
- c. In the event that any of the usage is estimated, provide the basis for the amount of the estimate.
- d. Provide an explanation of Breathitt District’s high volume of system use.
- e. Provide a description of Breathitt District’s efforts to reduce system use.

RESPONSE NO. 1

- a. “System Flushing” usage is documented by the flushing sheets; “Fire Department” usage is documented by the Fire Department. Usage sheets; “Other” usage is estimated.
- b. See attached **Appendix A: Flushing Sheets**; see attached **Appendix B: Fire Department Usage Sheets**.
- c. The “Other” usage was estimated by subtracting the master meter reading from the previous master meter reading to come up with the amount of water that was used to flush the lines.
- d. The Breathitt District’s high volume of system use is caused by the amount of water necessary to flush the lines in order to keep chlorine levels at appropriate readings.
- e. The District has been monitoring chlorine levels more frequently. We are shocking tanks to increase chlorine levels and lowering tank levels during some summer months to help with lower chlorine levels. For example, instead of keeping the tank full we have moved them to half capacity during the summer months of June, July, & August. The District’s 2018 total “other” water used was 19,235 gallons compared to 2019’s 12,511 gallons. By better monitoring this and lowering tank levels we are reducing our need to flush. The first six months of 2020 usage is down to 4,257 “other” gallons used. This is a very substantial reduction in lost water. In the month of June 2020, we lowered our tank levels to keep our water pressure. This shows in our water purchased compared to our water sold figures (line 4 compared to line 14.)
See Appendix C – Water Loss report for January 2020 through June 2020.

REQUEST NO. 2: Provide a copy of the Preliminary and Final Engineering Reports that were prepared by Nesbitt Engineering, Inc. (Nesbitt) for Breathitt District's proposed waterline extension project. If Nesbitt did not prepare the engineering Reports, provide a detailed explanation as to why they were not prepared.

RESPONSE NO. 2: Nesbitt did not prepare a final engineering report. A Final Engineering Report was not required by the funding agency. **Appendix D: The Preliminary Engineering Report** is attached hereto.

REQUEST NO. 3: Provide the overhead construction cost for each item listed below for Breathitt District's proposed waterline extension project. Provide a detailed explanation if there are no overhead construction costs for the proposed project.

- a. Engineering Design
- b. Construction Inspection
- c. Legal
- d. Contingency

RESPONSE NO. 3:

- a. Engineering Design - \$58,500.00
- b. Construction Inspection - \$41,000.00
- c. Legal - \$1,200.00
- d. Contingency - 10% = \$48,094.00

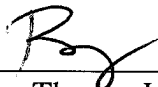


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STATE OF KENTUCKY)
) SS
COUNTY OF BREATHITT)

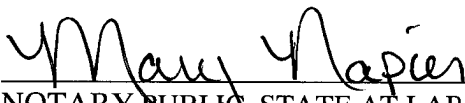
The affiant, Bobby Thorpe, Jr., being first duly sworn, states: That he is the Chairman of the Breathitt County Water District; that he has read the foregoing Response to the Public Service Commission’s Initial Request for Information and has noted the contents thereof; that the same are true of his own knowledge and belief, except as to matter which are herein stated to be based on information or belief, and that these matters, believes to be true and correct.

IN TESTIMONY WHEREOF, witness the signature of the undersigned on the 29 day of July, 2020.



Bobby Thorpe, Jr., Chairman

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me by Bobby Thorpe, Jr., Chairman of the Breathitt County Water District on this the 29 day of July, 2020.



NOTARY PUBLIC, STATE AT LARGE
My Commission Expires: 11-9-2020
Notary ID#: 568306

MARY NAPIER
Notary Public, State at Large
KENTUCKY - Notary ID# 568306
My Commission Expires: 11-9-2020

DISTRIBUTION LIST

Case No. 2020-00218

Re: Breathitt County Water District

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