

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE BLACK )  
MOUNTAIN UTILITY DISTRICT, A )  
UTILITY DISTRICT ORGANIZED )  
PURSUANT TO SECTIONS 65.805-815 ) CASE NO. 9838  
OF THE KENTUCKY REVISED STATUTES, )  
OF HARLAN COUNTY, KENTUCKY, FOR )  
APPROVAL OF ACQUISITION AND )  
CONSTRUCTION, FINANCING, AND RATES )

O R D E R

IT IS ORDERED that Black Mountain Utility District ("Black Mountain") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record no later than June 15, 1987. If the information cannot be provided by this date, Black Mountain should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. Black Mountain shall furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each item of information requested.

1. Provide a map with suitable scale (one mile equals at least one inch) that clearly shows the layout of the proposed construction with pipe sizes, lengths, sea level elevation of the junctions and end lines clearly shown.

2. Provide information as what portion of the proposed construction the \$425,000 will cover. Also clarify who will be responsible for the construction and financing of the 11,000 feet of 8-inch PVC pipelines between the City of Harlan and Eastbrook Development.

3. A complete evaluation of Black Mountain's proposed construction requires the filing of more comprehensive hydraulic information. Black Mountain should provide hydraulic analyses for the proposed system, supported by computations. Computations are to be documented by a labeled schematic map of the system that shows pipelines sizes, lengths, connections, pumps, and sea level elevation of key points, as well as allocations of actual customer demands. Flows used in the analyses shall be identified as those based on average or peak instantaneous flows, or any combination or variation thereof. Provide a pressure recording chart showing the actual 24-hour continuous measured pressure available at the point of proposed connection to the City of Harlan.

4. Provide flow test data for a fire hydrant in the City of Harlan at or near the connection point to serve Black Mountain. The flow test shall be conducted in accordance with AWWA Manual No. 17. As a minimum this should include selecting a hydrant to be the "flowing" hydrant and selecting an additional hydrant for residual pressure readings. If a "back" hydrant (a hydrant between the "flowing" hydrant and the City of Harlan's nearest water storage tank) is not available, a residential hose bibb or faucet should be sufficient.

5. Provide a map or sketch showing the exact location of the "flowing" and "back" hydrants and determine the approximate sea level elevation of each. The map should also show pipeline sizes, lengths, connections, water storage tanks, pumps, sea level elevations of key points, etc., on the City of Harlan's system which are pertinent to the flow test. Provide the observed level of water in the water storage tanks at the time of the flow tests and state which pumps were on and which were off during the flow tests.

6. Provide information on Black Mountain's proposed water storage facilities. This information shall include the type, capacity, and location of each storage facility. It is required by 807 KAR 5:066, Section 5 (4), that each utility shall have water storage facilities to supply a minimum of one day average daily water usage.

7. Provide a copy of approvals of Department for Natural Resources and Environmental Protection Cabinet for the construction of pipelines and stream crossing of the Clover Fork of Cumberland River.

8. Provide detailed information on the number of customers that will be served by the proposed system. What will be the average and maximum demand imposed on the system by these customers?

9. PSC regulation 807 KAR 5:066, Section 11 (2)(a), prohibits 2-inch non-circulating lines in excess of 250 feet in length. Several plan sheets (e.g. Sheet 4 and 5) proposed 2-inch

water lines which appear to be in violation of this regulation. It appears that 3-inch or larger lines should be installed. Provide comments concerning this matter.

10. Provide a list of all 2-inch water lines proposed for the project. This list shall include the location, length and possibility for future extension of each line.

Done at Frankfort, Kentucky, this 12th day of May, 1987.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

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Executive Director