

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE)
WEBSTER COUNTY WATER)
DISTRICT FOR APPROVAL)
OF THE CONSTRUCTION AND) CASE NO. 8787
METHOD OF FINANCING A)
WATERWORKS IMPROVEMENT)
PROJECT)

O R D E R

IT IS ORDERED that Webster County Water District ("Webster County") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by May 6, 1983. Webster County shall also furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested. If neither the requested information nor a motion for an extension of time is filed by the stated date, the case may be dismissed.

(1) Provide hydraulic analyses, supported by computations and field measurements, of typical operational sequences of the existing water distribution system. Computations are to be documented by a schematic map of the system that shows pipeline sizes, lengths, connections, pumps, and sea level elevations of key points, as well as allocations of actual customer demands.

(2) Provide a summary of any operational deficiencies of the existing water system that are indicated by the hydraulic analyses.

(3) Provide hydraulic analyses, supported by computations and field measurements, of typical operational sequences of the water distribution system after the proposed improvements have been made.

(4) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the existing discharge pumps at Webster County Water District's water treatment plant.

(5) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Webster County Water District's 300,000-gallon tank located at Dixon. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(6) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Webster County Water District's water main in the vicinity of the proposed extension at the intersection of Highways 132 and 1340. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(7) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at

the community of Wheatcroft. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(8) How many customers does Webster County have between the proposed extension connection and the end of the water system at Wheatcroft? What is the average daily demand of these customers? What is the daily peak demand of these customers?

(9) What is the average daily demand of the City of Clay? What is the daily peak demand of the City of Clay?

(10) What is the average daily demand of the City of Dixon? What is the daily peak demand of the City of Dixon?

(11) How many new customers, exclusive of the mine, will be added by the proposed extension? What will be their average daily demand? What will be their daily peak demand?

(12) At what points on the proposed extension will water service be provided to the Webster County Coal Company? What will be the average daily demand at each of the coal company's service points? What will be the daily peak demand at each of the coal company's service points? How were these demands determined?

(13) Will the coal company provide any on-site water storage facility? If so, what type and what capacity will they provide?

(14) Will the coal company's use of the water from Webster County include any underground mining operations? If

so, how much water will be needed underground? What is the sea level elevation of the underground working level of the mine?

Done at Frankfort, Kentucky, this 7th day of April, 1983.

PUBLIC SERVICE COMMISSION


for the Commission

ATTEST:

Secretary