

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF THE SHARPSBURG WATER)
DISTRICT, OF BATH AND NICHOLAS COUNTIES,)
KENTUCKY, FOR (1) A CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY, AUTHORIZING AND)
PERMITTING SAID WATER DISTRICT TO CONSTRUCT)
A WATERWORKS CONSTRUCTION PROJECT, CONSISTING)
OF EXTENSIONS, ADDITIONS AND IMPROVEMENTS TO) CASE NO. 8896
THE EXISTING WATERWORKS SYSTEM OF THE)
DISTRICT; (2) APPROVAL OF THE PROPOSED PLAN)
OF REFINANCING THE OUTSTANDING BONDS OF 1963)
AND OF FINANCING OF SAID PROJECT; AND (3))
APPROVAL OF THE INCREASED WATER RATES PROPOSED)
TO BE CHARGED BY THE DISTRICT TO CUSTOMERS OF)
THE DISTRICT)

O R D E R

IT IS ORDERED that Sharpsburg Water District ("Sharpsburg") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by October 31, 1983. Sharpsburg 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 Sharpsburg's existing water distribution system. Computations are

to be documented by a schematic map of the system that shows pipeline 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 Sharpsburg's water distribution system that are indicated by the hydraulic analyses.

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

(4) Provide hydraulic analyses, supported by computations and field measurements, of typical operational sequences of Bath County Water District's ("Bath County") existing water distribution system from the Salt Lick Tank to the proposed connection to Sharpsburg. 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.

(5) Provide a summary of any operational deficiencies of Bath County's water system from the Salt Lick Tank to the proposed connection to Sharpsburg that are indicated by the hydraulic analyses.

(6) Provide hydraulic analyses, supported by computations and field measurements of typical operational sequences of Bath County's water distribution from the Salt Lick Tank to the

proposed connection to Sharpsburg after the proposed improvements have been made.

(7) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Sharpsburg's water tank located in the vicinity of Moorefield. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(8) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Sharpsburg's tank located in the vicinity of the City of Sharpsburg. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(9) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Bath County's water tank located in the vicinity of Salt Lick. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(10) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Bath County's water tank located in the vicinity of the Slate Creek Pump Station. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

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

water line connection to Bath County on Highway 36. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(12) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the existing pumps at Bath County's Fearing Pump Station.

(13) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the existing pumps at Bath County's Slate Creek Pump Station.

(14) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the proposed pumps at Bath County's Fearing Pump Station.

(15) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the proposed pumps at Bath County's Slate Creek Pump Station.

(16) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the proposed pumps at Sharpsburg's Burbridge Branch Pump Station.

Done at Frankfort, Kentucky, this 11th day of October, 1983.

PUBLIC SERVICE COMMISSION



For the Commission

ATTEST:

Secretary