

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF THE SOUTH HOPKINS)
WATER DISTRICT, OF HOPKINS AND CALDWELL)
COUNTIES, KENTUCKY, FOR A CERTIFICATE)
OF PUBLIC CONVENIENCE AND NECESSITY,)
AUTHORIZING AND PERMITTING SAID WATER) Case No. 8928
DISTRICT TO CONSTRUCT A WATERWORKS)
CONSTRUCTION PROJECT, CONSISTING OF)
EXTENSIONS TO THE EXISTING WATERWORKS)
SYSTEM OF THE DISTRICT.)

O R D E R

IT IS ORDERED that South Hopkins Water District ("South Hopkins") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by December 29, 1983. 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 daily operational sequences of South Hopkins proposed water line extension. This should include the expected daily water in-flow and out-flow from Outwood State Hospital's ("Outwood") existing 150,000-gallon water storage tank including time of day, and the effects of average and maximum demands. Computations are to be documented by a schematic map of the system that shows pipeline lengths and sizes, connections, pumps, and sea level elevations of key points, as well as allocations of actual customer demands.

(2) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the proposed water line connection to the City of Dawson Springs. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

(3) Provide information concerning size, condition, and the flow characteristics of Outwood's water lines from the proposed master meter to Outwood's existing 150,000-gallon water storage tank.

(4) Provide the actual and expected daily water usage of Outwood.

(5) Provide the following information relative to Outwood's existing 150,000-gallon water storage tank:

- A. Is any of the total gallonage allocated to fire protection?
- B. If so, how much?
- C. Is any of the total gallonage needed for operational storage of Outwood?
- D. If so, how much?

(6) Provide criteria and relevant information used in the determination of the size of the master meters for both proposed installations.

(7) Provide copies of manufacturers' pump characteristic (head/capacity) curves for the proposed pumps on South Hopkins proposed water line extension.

Done at Frankfort, Kentucky, this 29th day of November, 1983.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:

Secretary