

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN ADJUSTMENT OF RATES)
AND AUTHORITY TO BUILD)
AND FINANCE LINE) CASE NO. 8748
EXTENSION OF HENRY COUNTY)
WATER DISTRICT)

O R D E R

IT IS ORDERED that Henry County Water District ("Henry County") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by April 12, 1983. Henry 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 Henry County Water District No. 1's water treatment plant.

(5) Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Henry County Water District No. 2's 300,000-gallon tank located on Highway 1606. 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 Henry County Water District No. 2's water main in the vicinity of the intersection of Highways 55 and 421. 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 discharge of Henry County Water District No. 1's water

treatment plant on Highway 421. 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 Henry County Water District No. 1's 100,000 gallon-water tank located in the vicinity of Highway 421. 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 Henry County Water District No. 1's 75,000-gallon water tank located on Highway 421 in the vicinity of the school. 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 on the existing 3-inch water line connection to Henry County Water District No. 2. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

Done at Frankfort, Kentucky, this 30th day of March, 1983.

PUBLIC SERVICE COMMISSION

ATTEST:

Secretary


For the Commission