

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF WARREN COUNTY )  
WATER DISTRICT FOR A DEVIATION FROM )  
THE REQUIREMENTS OF 807 KAR 5:066, )  
SECTION 5(4) AND SECTION 10(3), ) CASE NO. 10328  
REGARDING WATER STORAGE AND SERVICE )  
LINE INSPECTION )

O R D E R

By letter received July 21, 1988, Warren County Water District ("Warren") requested a deviation from 807 KAR 5:066, Section 5(4), and Section 10(3), which requires a water utility to provide water storage to insure one day's supply of its average daily water usage and to inspect a customer's service line.

Additional information is needed for an adequate and proper consideration of the deviation requested by Warren.

IT IS THEREFORE ORDERED that Warren shall file an original and 7 copies of the following information to the Commission, with a copy to all parties of record, no later than September 16, 1988.

1. Provide the following information to describe the demand for water on Warren's water distribution system.

a. Total volumes purchased and/or produced annually for 1984, 1985, and 1986.

b. Total volumes purchased and/or produced monthly for the 12 months ending December 31, 1987.

c. Average 24-hour volume purchased and/or produced during the 12 months ending December 31, 1987.

d. Maximum 24-hour volume purchased and/or produced during the 12 months ending December 31, 1987.

e. Total days and highest number of successive days that the maximum 24-hour volume was purchased and/or produced during the 12 months ending December 31, 1987.

f. Projected maximum daily demand volumes for 1990 similar to (d) and (e) above. Describe the method by which these projections were made.

2. Provide a map of Warren's distribution system that shows the location and size of all distribution mains, storage tanks, pumping stations, and any other significant features of the system. One inch on this map should not represent more than one mile on the ground.

3. Provide a description of each of Warren's storage facilities including their locations on the system and show total volume of storage on the system.

4. List the difference in volumes between total storage and (a) maximum 24-hour volume produced and/or purchased, (b) average 24-hour volume, and (c) minimum 24-hour volume.

5. Provide a list of Warren's large volume customers by name and maximum monthly and 24-hour usage by volume and by percentage of Warren's maximum monthly and 24-hour volumes. Describe these customers' water storage and/or distribution facilities, if any exist, and any sales/purchase agreements now in effect for such customers. Explain any seasonal variations that

affect the purchase volumes of any of these customers. Describe Warren's curtailment plan, if applicable, to any of these customers. Do not list customers who are purchasing less than five percent of Warren's maximum monthly volumes.

6. Provide a technical summary of operational deficiencies of Warren's water system that are known from experience or that have been indicated by hydraulic analyses.

7. List the names and addresses of Warren's customers that provide critical health services.

8. Show the number of hours under present operating conditions that service can be continued to hospitals, schools, and other similar facilities after an interruption of service by Warren's supplier when the supply requirements to be met are: (a) maximum 24-hour volume, (b) average 24-hour volume, and (c) minimum 24-hour volume. Provide supplemental information as needed to explain how results for (a), (b), and (c) were obtained.

9. Describe past periods of interruption by the supplier for Warren. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to Warren. Include location and capacity of (a) treatment plant, (b) pumping stations, (c) storage tanks and any other facilities required for the delivery of water to Warren. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending December 31, 1987.

11. Does Warren's water purchase agreement place a limit on the daily or monthly volumes that its supplier will furnish? If so, define these limits. If supplier provides certain volumes of

storage for Warren, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting Warren's assessment of reliability of this agreement. Provide a copy of Warren's water purchase agreement if its particulars cannot be readily described and note the particulars of interest to the instant case. Describe any curtailment aspects of the contract.

12. Describe supplier's capability for delivery of water pressure and volume at each point of delivery to Warren. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Warren. Such features may include: (a) distance between supplier's tank and supplier's point of connection with Warren, (b) size of the connecting main between Warren and its supplier's tank, (c) capacity of supplier's treatment plant, (d) age of supplier's treatment plant, (e) condition of supplier's treatment plant, and (f) capacity and condition of supplier's pumping stations and tanks and supplier's general ability to respond to the needs of Warren.

13. Describe the present method or procedure for inspection of customer service lines. Does the present method insure that service lines to "farmsteads", as the term is defined by KRS 318.018(8), are inspected when installed?

If this information cannot be provided by September 16, 1988, Warren 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.

Warren shall furnish with each response the name of the witness who will be available for responding to questions concerning each item of information requested should a public hearing be required in this matter.

Done at Frankfort, Kentucky, this 5th day of August, 1988.

PUBLIC SERVICE COMMISSION

*Richard D. Herman, Jr.*  
For the Commission

ATTEST:

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Executive Director