

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF WEST DAVIESS)
COUNTY WATER DISTRICT FOR A DEVIATION)
FROM 807 KAR 5:066, SECTION 5(4)) CASE NO. 10397
REGARDING WATER STORAGE)

O R D E R

By letter received September 23, 1988, West Daviess County Water District ("West Daviess") requested a deviation from 807 KAR 5:066, Section 5(4), which requires a water utility to provide water storage to insure one day's supply of its average daily water usage.

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

IT IS THEREFORE ORDERED that West Daviess 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 December 10, 1988.

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

a. Total volumes purchased and/or produced annually for 1985, 1986, and 1987.

b. Total volumes purchased and/or produced monthly for the 12 months ending October 31, 1988.

c. Average 24-hour volume purchased and/or produced during the 12 months ending October 31, 1988.

d. Maximum 24-hour volume purchased and/or produced during the 12 months ending October 31, 1988.

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 October 31, 1988.

f. Projected maximum daily demand volumes for 1992 similar to (d) and (e) above. Describe the method by which these projections were made.

2. Provide a map of West Daviess'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 West Daviess's storage facilities including its location 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 West Daviess's large volume customers by name and maximum monthly and 24-hour usage by volume and by percentage of West Daviess'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 West Daviess's curtailment plan, if applicable, to any of these customers. Do not list customers who are purchasing less than five percent of West Daviess's maximum monthly volumes.

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

7. List the names and addresses of West Daviess'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 West Daviess'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 West Daviess. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to West Daviess. 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 West Daviess. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending October 31, 1988.

11. Does West Daviess'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 West Daviess, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting West Daviess's assessment of reliability of this agreement. Provide a copy of West Daviess'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 West Daviess. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to West Daviess. Such features may include: (a) distance between supplier's tank and supplier's point of connection with West Daviess, (b) size of the connecting main between West Daviess 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 West Daviess.

13. If the Farmers Home Administration ("FmHA") holds any of West Daviess's long-term debt, provide a copy of any correspondence from FmHA which states FmHA's position on West Daviess's current storage capacity and its request for a deviation from Commission regulations.

14. Describe West Daviess's planning to date, including its efforts to secure financing, for construction of additional storage facilities.

If this information cannot be provided by December 10, 1988 West Daviess 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. West Daviess 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 28th day of October, 1988.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:

Executive Director