

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

GARRARD COUNTY WATER ASSOCIATION'S )  
REQUEST FOR APPROVAL TO PROVIDE LESS )  
STORAGE THAN THE MINIMUM REQUIRED FOR ) CASE NO. 10083  
ONE DAY'S SUPPLY; A DEVIATION FROM )  
SUBSECTION (4) OF 807 KAR 5:066 (5) )

O R D E R

By application received November 10, 1987, Garrard County Water Association ("Garrard Water") requested both temporary and permanent deviations from Subsection (4) of 807 KAR 5:066, Section 5.

Garrard Water's six separate service areas are supplied by the City of Lancaster through six master meters. The name, number of customers, average daily usage, Garrard Water's storage and storage deficiency are as follows:

<u>Service Area</u>	<u>Customers*</u>	<u>Daily Usage*</u>	<u>Storage</u>	<u>Deficiency</u>
Meriwood Subdiv.	33	5,000	-0-	5,000
Buckeye Road	78	11,000	-0-	11,000
Danville Road	101	12,100	-0-	12,100
Stanford Road	177	33,100	-0-	33,100
Lexington Road	**	158,500	123,000	35,500
Richmond Road	**	116,000	195,000	None

\* Data supplied from 1986 records by Garrard Water.

\*\* Data not supplied by Garrard Water.

Garrard Water is seeking a permanent deviation for the Meriwood Subdivision, Buckeye Road, Danville Road and Stanford Road service areas and a temporary deviation for the Lexington

Road service area. No deviation is requested for the Richmond Road area where storage exceeds the minimum required for one day's supply.

The application states that a part of Lancaster's 1,000,000 gallons of elevated storage is reserved for Garrard Water. That Lancaster is bound by contract to supply Garrard Water's needs. Further, that the cost of constructing a storage tank for each of its small service areas prohibits such construction.

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

IT IS THEREFORE ORDERED that Garrard Water shall file an original and seven copies of the following information with the Commission with a copy to all parties of record no later than February 17, 1988.

1. Provide the following information to describe the demands for water on Garrard Water'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 Garrard Water'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 Garrard Water'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 Garrard Water's large volume customers by name and service area location. Show their maximum monthly and 24-hour usage by volume and by percentage of Garrard Water'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 Garrard Water's curtailment plan if applicable to any of these customers. Do not list customers that are purchasing less than 5 percent of Garrard Water's maximum monthly volumes.

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

7. Show names and addresses of Garrard Water's customers that are providing critical health services and show the service area locations of these customers.

8. Show 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 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 Garrard Water. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to Garrard Water. 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 Garrard Water. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending December 31, 1987.

11. Does Garrard Water's 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 Garrard Water, provide a copy of the agreement that insures the provision of this storage by supplier and a statement

reflecting Garrard Water's assessment of reliability of this agreement. Provide a copy of Garrard Water's 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 Garrard Water. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Garrard Water. Such features may include: (a) distance between supplier's tank and supplier's point of connection with Garrard Water, (b) size of the connecting main between Garrard Water 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, (f) capacity and condition of supplier's pumping stations and tanks and supplier's general ability to respond to the needs of Garrard Water.

13. If the Farmers Home Administration ("FmHA") is the holder of either all or a part of Garrard Water's long-term debt, provide a copy of an FmHA letter stating its position with regard to the storage volume provided by Garrard Water and its request for a deviation from PSC regulations.

14. Describe Garrard Water's planning to date including its efforts to secure financing for construction of additional storage facilities.

If the above listed items of information cannot be provided by February 17, 1988, Garrard Water 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. Garrard Water 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 8th day of January, 1988.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

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Executive Director