

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

MARION COUNTY WATER DISTRICT'S REQUEST)
FOR APPROVAL TO PROVIDE LESS STORAGE)
THAN THE MINIMUM REQUIRED FOR ONE DAY'S)
SUPPLY; A DEVIATION FROM SUBSECTION)
(4) OF 807 KAR 5:066 (5) AND, FURTHER,) CASE NO. 10042
A REQUEST FOR APPORVAL OF RELIEF FROM)
INSPECTION OF CUSTOMERS SERVICE LINES;)
A DEVIATION FROM SUBSECTION (3) OF 807)
KAR 5:066, (10))

O R D E R

By letter received October 1, 1987, Marion County Water District ("Marion Water") requested a deviation from subsection (4) of 807 KAR 5:066, Section 5. Said request proposed that Marion Water be relieved from the requirement to provide a volume of storage that would insure one day's supply of its average daily water usage of about 600,000 gallons.

Marion Water's letter also requested a deviation from subsection (3) of 807 KAR 5:066, Section 10. This request proposed that Marion Water be relieved of the requirements for inspection of customers' service lines as prescribed by subsection (3). The letter said that such inspections would be a duplication of the inspections performed by State Plumbing Inspectors for which a fee of \$15 if paid.

Additional information is needed for an adequate and proper consideration of the deviation requested from subsection (4) of 807 KAR 5:066 (5) and subsection (3) of 807 KAR 5:066 (10).

IT IS THEREFORE ORDERED that Marion 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 January 6, 1988. Paragraphs 1 through 14 pertain to the requested storage deviation; paragraphs 15 through 17 pertain to service line inspections.

1. Provide the following information to describe the demands for water on Marion Water's 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 September 30, 1987.

c. Average 24-hour volume purchased and/or produced during the 12 months ending with September 30, 1987.

d. Maximum 24-hour volume purchased and/or produced during the 12 months ending with September 30, 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 September 30, 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 the Marion 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 Marion 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 Marion Water's large volume customers by name and maximum monthly and 24-hour usage by volume and by percentage of Marion 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 Marion Water's curtailment plan if applicable to any of these customers. Do not list customers that are purchasing less than 5 percent of Marion Water's maximum monthly volumes.

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

7. Show names and addresses of Marion Water's customers that are providing critical health services.

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 Marion Water'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 Marion Water. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to Marion 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 Marion Water. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending September 30, 1987.

11. Does Marion 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 Marion Water, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting Marion Water's assessment of reliability of the agreement. Provide a copy of Marion 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 Marion Water. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Marion Water. Such features may include: (a) distance between

supplier's tank and supplier's point of connection with Marion Water, (b) size of the connecting main between Marion 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 Marion Water.

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

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

15. Describe present method or procedures for inspection of customers service lines. Include "farmstead" service lines per KRS 318.010 (8).

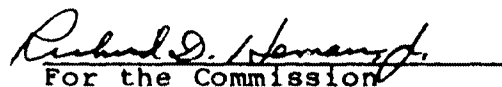
16. Provide a narrative description of service line inspections for the 12 months ending September 30, 1987, include the number of lines inspected, the agency or persons who made the inspections and any other pertinent information including a description of any problems that occurred.

17. If a local government, acting under its ordinance that enacted the Kentucky State Plumbing Code per KRS 318.140, is inspecting service lines for Marion Water, provide the name of this local government.

If the above listed items of information cannot be provided by January 6, 1988, Marion 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. Marion 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 24th day of November, 1987.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:

Executive Director