

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE GARRARD COUNTY WATER ASSOCIATION )  
INC., APPLICATION FOR CERTIFICATE OF )  
PUBLIC CONVENIENCE AND NECESSITY, AND ) CASE NO. 8968  
APPLICATION FOR ORDER AUTHORIZING )  
ISSUE OF NOTE )

O R D E R

IT IS ORDERED that Garrard County Water Association, Inc. ("Garrard County") shall file an original and 3 copies of the following information with the Commission with a copy to all parties of record by May 31, 1984. Garrard 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 copy of Preliminary Engineering Report. Report to include a narrative description of proposed extensions and an enumeration of the facts relied upon to show that the proposed new construction is or will be required by public convenience or necessity. Report to also contain a tabulation of each proposed extension, its length, and the number of customers it is expected to serve.

2. Provide hydraulic analyses, supported by computations and actual 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, water storage tanks, and sea level elevations of key points, as well as allocations of actual customer demands. Flows used in the analyses shall be identified as to whether they are based on average instantaneous flows, peak instantaneous flows, or any combination or variation thereof. The flows used in the analyses shall be documented by actual field measurements and customer use records. Justify fully any assumptions used in the analyses.

3. Provide a summary of any operational deficiencies of the existing water system that are indicated by the hydraulic analyses or that are known from experience.

4. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Garrard County's water storage tank in the vicinity of Bryantsville. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

5. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the City of Lancaster's water main in the vicinity of the proposed connection on Highway 39. 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 Garrard County's water main in the vicinity of the intersection of Highways 994 and White Lick Road. 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 Garrard County's water tank located in the vicinity of Marksburg. 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 Garrard County's water tank located in the vicinity of Manse. 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 on the existing water line on Copper Creek Road at Gabbard Road. Identify the 24-hour period recorded, the exact location of the pressure recorder.

10. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Garrard County's water main in the vicinity of the intersection of Highway 954 and Day Road. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

11. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the existing 6-inch water line on Old Highway 27 at Kemper Lane. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

12. Provide a pressure recording showing the actual 24-hour continuously measured pressure available at the end of the existing water line on Highway 1355. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

13. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available on the existing water line on Fisher-Ford Road at Sutton Lane. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

14. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the existing water line on Lowell Road at Gillespie Pike. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

15. Provide a list of each of Garrard County's water storage tanks. Give the location, capacity, and overflow elevation of each tank. Explain how water is supplied to each tank.

16. Provide a list of each of Garrard County's pump stations. Give the location, number of pumps and their rated

capacities, and the purpose of each pump station. Explain how the operation of each pump station is controlled. Provide a copy of the pump manufacturer's characteristics (head/capacity) curve for each of Garrard County's pumps. Identify each curve as to the particular pump and pump station to which it applies.

17. Provide a copy of the Farmers Home Administration's letter of conditions for the proposed financing.

18. Provide a copy of the Tabulation of the Bids received by Garrard County for the proposed construction.

19. Provide a copy of a county highway map showing the location and sizes of Garrard County's water distribution system to a scale of 1 inch equals 2 miles or larger.

Done at Frankfort, Kentucky, this 9th day of May, 1984.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

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Secretary