

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE PETITION AND APPLICATION OF	)	
CANEY CREEK WATER DISTRICT FOR	)	CASE NO.
CERTIFICATE OF PUBLIC CONVENIENCE	)	9087
AND NECESSITY	)	

O R D E R

IT IS ORDERED that Caney Creek Water District ("Caney Creek") shall file an original and 3 copies of the following information with the Commission with a copy to all parties of record by April 19, 1985. Caney Creek shall also furnish with each response the name of the witness who will be available at a 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 construction 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.

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, wells, 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 analysis 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 hydraulic analyses, supported by computations and field measurements, demonstrating the appropriateness of the engineering design of the proposed construction. Justify fully any assumptions used in the analyses.

5. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the water district's 100,000-gallon tank. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

6. Provide pressure recording charts showing the actual 24-hour continuously measured pressure available at both the suction and discharge of the water district's water

treatment plant's discharge pumps. Identify the 24-hour period recorded, the exact location of each pressure recorder and the sea level elevation of each recorder. Provide a copy of the pump manufacturer's characteristic (head/capacity) curve for each of the existing discharge pumps.

7. Provide the rated capacity of Caney Creek's water treatment plant. Provide a tabulation of the daily water production of the plant for each day of the most recent 3 month period. Provide a tabulation of the number of hours that the plant was operated each day of the most recent 3 month period.

8. Provide a list of each of Caney Creek's wells. Give the location, the size of pump and its rated capacity, and the depth of each well. Explain how the operation of each well pump is controlled. Provide a copy of the pump manufacturer's characteristic (head/capacity) curve for each of the well pumps. Identify each curve as to the particular pump and well to which it applies.

9. Provide a copy of each of the county court orders establishing the Caney Creek Water District and defining its boundaries.

10. Provide a copy of the letter from the Division of Water, Natural Resources and Environmental Protection Cabinet, approving the construction drawings and specifications for this project.

Done at Frankfort, Kentucky, this 19th day of March, 1985.

PUBLIC SERVICE COMMISSION

*Richard D. Jernigan*  
For the Commission

ATTEST:

\_\_\_\_\_  
Secretary