

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF THE OLDHAM COUNTY	)	
WATER DISTRICT FOR (1) A CERTIFICATE OF	)	
PUBLIC CONVENIENCE AND NECESSITY TO	)	
CONSTRUCT THE PROPOSED WATERWORKS	)	
IMPROVEMENT PROJECT; (2) THE APPROVAL	)	CASE NO.
OF THE PROPOSED PLAN TO FINANCE THE	)	2001-00174
WATERWORKS IMPROVEMENT PROJECT; AND	)	
(3) THE APPROVAL OF THE PROPOSED	)	
INCREASE IN RATES FOR WATER SERVICE	)	

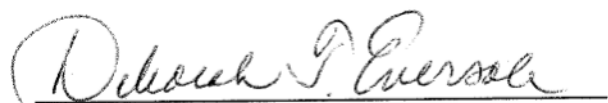
THIRD DATA REQUEST OF COMMISSION STAFF

The Oldham County Water District ("Oldham County"), pursuant to 807 KAR 5:001, is to file with the Commission the original and one copy of the following information, with a copy to all parties of record. The information requested herein is due within 14 days of the date of this request. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the person who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information herein has been previously provided, in the format requested herein, reference may be made to the specific location of said information in responding to this information request. Oldham County shall include in each response the name of the individual(s) who provided the information needed or responded to the data request.

1. In looking at the hydraulic analysis provided, provide the reasoning behind the flow rate split into 4400 GPM and 1600 GPM at the junction where the U.S. 42 24-inch water line meets the Saddlers Mill Road 24-inch water line. Provide the hydraulic demand for areas affected. Also, provide similar reasoning for the flow rate split where the 24-inch water main along Saddlers Mill Road meets S.R. 146. Based on the hydraulic calculations provided, 1600 GPM flows toward Phase IB leaving 0 GPM along S.R. 146 to go toward LaGrange. Explain.

2. The Osage and the Ballardsville Tanks show overflow levels that are higher than the calculated pumping head for both sites. Explain how these two tanks will be filled.

3. If a current water distribution hydraulic model is available, provide a copy of a 24-hour hydraulic simulation for the system in question with the corresponding node map. This should include system pressures, status of tanks, minimum pressures, etc. including any pump suction-side pressure concerns, if any, and any corresponding remedial measures proposed.



Deborah T. Eversole  
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Thomas M. Dorman  
Executive Director  
Public Service Commission  
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Dated: February 12, 2002

cc: Parties of Record