

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF THE NORTH MCLEAN COUNTY )  
WATER DISTRICT, OF MCLEAN COUNTY, KENTUCKY )  
FOR (1) A CERTIFICATE OF PUBLIC CONVENIENCE )  
AND NECESSITY, AUTHORIZING AND PERMITTING )  
SAID WATER DISTRICT TO CONSTRUCT A WATER- )  
WORKS CONSTRUCTION PROJECT, CONSISTING OF ) CASE NO. 9322  
ADDITIONS AND IMPROVEMENTS TO THE EXISTING )  
WATERWORKS SYSTEM OF THE DISTRICT; (2) AP- )  
PROVAL OF THE PROPOSED PLAN OF FINANCING OF )  
SAID PROJECT; AND (3) APPROVAL OF THE IN- )  
CREASED WATER RATES PROPOSED TO BE CHARGED )  
BY THE DISTRICT TO CUSTOMERS OF THE DISTRICT)

O R D E R

IT IS ORDERED that North McLean County Water District ("North McLean County") shall file an original and ten copies of the following information with the Commission with a copy to all parties of record within 20 days from the date of this Order. North McLean 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.

It is the practice of this Commission to allow only known measurable increases to actual test year expenses which can be substantiated by appropriate documentation (invoices and/or other related material) supporting increases to the actual expense.

Please review your application in light of the following questions and file any additional support which may be necessary.

1. Provide a detailed breakdown with a full description of major expenses included in these accounts for the test period. (Items less than \$50 may be grouped and repetitive or like items may be consolidated and shown as a single or combined amount.)

Operation Supplies and Expenses (Trans. & Dist.)	\$ 1,191
Maintenance of Mains	10,187
Office Supplies and Other Expenses	1,627
Outside Supplies and Other Expenses	10,577
Property Insurance	1,823
Miscellaneous General Expenses	848
Transportation Expense	4,281

2. Provide a description of all company-owned vehicles and the person each vehicle is assigned to.

3. Provide the following information concerning salaries and wages included in operating expenses for the test period:

- a. Name and title of each employee.
- b. Duties performed by the employee.
- c. Number of hours worked each month or week.
- e. Method of allocation used in apportioning total salaries and wages for the test period to the individual operating expense accounts.

4. For the purpose of determining the reasonableness of the proposed rates set out in the application, the Commission has accepted the 12-month period ending December 31, 1984 as the test period. Does this meet with North McLean County's approval?

5. Provide the average residential monthly usage and bill computed on the present and proposed rates of North McLean County.

6. Does North McLean County anticipate any pro forma adjustments to its operating expenses for the test period ending December 31, 1984, other than additional depreciation expenses pertaining to the new construction and the pro forma debt cost? If the answer is affirmative, provide a copy of each adjustment, in detail.

7. Enclosed is a blank copy of the Special Charge Cost Schedule, and a blank copy of the Average Metered Service Connection Expense Schedule. Provide the information requested by the forms concerning any proposed special charge and each proposed connection charge. Also provide a written explanation for the increase in these charges.

8. Provide the actual water usage figures for the test year giving the number of gallons sold in each rate block. Also provide the actual number of bills in each rate block.

9. 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.

10. 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.

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

12. Provide the six pressure recording charts identified in the preliminary engineering report filed in this case. Identify the 24-hour period recorded, the exact location of each pressure recorder and the sea level elevation of each recorder.

13. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the water district's master meter with the West Daviess County Water District on Highway 81. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of each recorder.

14. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the site of the water district's proposed water tank on Highway 81. 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 North McLean'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 North McLean'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 characteristic (head/capacity) curve for each of North McLean's pumps. Identify each curve as to the particular pump and pump station to which it applies.

17. Provide a copy of each of the county court orders establishing the North McLean County Water District and defining its boundaries.

Done at Frankfort, Kentucky, this 16th day of May, 1985.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

\_\_\_\_\_  
Secretary

COMMONWEALTH OF KENTUCKY  
 PUBLIC SERVICE COMMISSION  
 P.O. BOX 615  
 FRANKFORT, KENTUCKY 40602

Average Metered Service Connection Expense

Name of Utility: \_\_\_\_\_ Address: \_\_\_\_\_  
 \_\_\_\_\_

The following is an itemization of expenses for providing a metered service connection.

A. Meter Size

5/8-Inch  3/4-Inch  1-Inch  1 1/2-Inch  2-Inch

Other (specify) \_\_\_\_\_

B. Materials Expense

	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1. Water Meter	_____	\$ _____	\$ _____
2. Meter Yoke	_____	_____	_____
3. Corporation Stop	_____	_____	_____
4. Meter Box and Top	_____	_____	_____
5. Miscellaneous Fittings	_____	_____	_____
(Itemize)	_____	_____	_____
6. Subtotal (Add column 3)			_____

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C. Service Pipe Expense

Type of Service Pipe: \_\_\_\_\_ Size of Service Pipe \_\_\_\_\_

	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1. Short Side Service	_____ L.F. \$ _____	_____ L.F. _____	
2. Long Side Service	_____ L.F. _____	_____ L.F. _____	
3. Subtotal (Add column 3 and divide by 2)			\$ <input type="text"/>

D. Installation Expense

Labor

	<u>Total Hours</u>	<u>Rate Per Hour</u>	<u>Total Cost</u>
1. Short Side Service	_____	\$ _____	\$ _____
2. Long Side Service	_____	_____	_____
3. Subtotal (Add column 3 and divide by 2)			\$ <input type="text"/>

Equipment

	<u>Total Hours</u>	<u>Rate Per Hour</u>	<u>Total Cost</u>
1. Short Side Service	_____	\$ _____	\$ _____
2. Long Side Service	_____	_____	_____
3. Subtotal (Add column 3 and divide by 2)			\$ <input type="text"/>

Miscellaneous

	<u>Total</u>	<u>Rate Per Hour</u>	<u>Total Cost</u>
1. Inspection	_____	_____	_____
2. Site Clean-Up	_____	_____	_____
3. Other (Itemize)	_____	_____	_____
4. Subtotal (Add column 3)			\$ <input type="text"/>

E. Overhead Expense

1. Installation expense (\$ \_\_\_\_\_) x  
overhead rate ( \_\_\_\_\_%)

\$

F. Administrative Expense

1. Office expense for establishing a new account  
and billing record.

\$

G. Expense Summary

1. Total of items B-F

\$



Special Charge Cost Schedule

Type of Special Charge: \_\_\_\_\_

1. Field Expense

A. Materials (Itemize)

\_\_\_\_\_ \$ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Labor (Time and Wage)

\_\_\_\_\_

Subtotal Field Expense

\_\_\_\_\_

2. Clerical and Office Expense

A. Supplies

\$ \_\_\_\_\_

B. Labor

\_\_\_\_\_

Subtotal Clerical and Office Expense

\_\_\_\_\_

3. Miscellaneous Expense

A. Transportation

\$ \_\_\_\_\_

B. Other (Itemize)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Subtotal Miscellaneous Expense

\_\_\_\_\_

Total Expense

\_\_\_\_\_