

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF NORTHERN KENTUCKY WATER )  
SERVICE DISTRICT FOR THE TAYLOR MILL )  
WATER TREATMENT PLANT FILTER-TO-WASTE ) CASE NO.  
SYSTEM ) 2002-00021

O R D E R

Northern Kentucky Water District ( NKWD ) has applied for a Certificate of Public Convenience and Necessity for improvements to its Taylor Mill Water Treatment Plant at a total project cost of approximately \$1,915,655. Having reviewed the application and being otherwise sufficiently advised, the Commission finds that:

1. NKWD proposes to construct a filter-to-waste system used to collect, convey and return a portion of the filtered water to the head of the plant to comply with the Division of Water Regulation 401 KAR 8:160, Enhanced Filtration & Disinfection.
2. The proposed filter-to-waste system consists of mechanisms to collect the higher turbidity water created from the process of backwashing the filters, convey it to a storage basin, dechlorinate it, and then return it to the head of the plant for re-treatment.
3. The proposed construction project consists of the following: 150 feet of 20-inch ductile iron filter-to-waste piping; concrete filter-to-waste basin with valve vault, pump chamber with four 375 gallon per minute at 64 foot total dynamic head submersible pumps; 463 feet of 24-inch ductile iron overflow piping with seven

manholes and headwall; 150 feet of 12-inch ductile iron filter-to-waste return piping; sodium bi-sulfite feed system including a storage tank, metering pumps and a 2-inch feed line.

4. NKWD's Board of Commissioners approved Ameritcon as the lowest responsible bidder for the project at a cost of \$1,396,000.

5. NKWD proposes to finance the proposed project through the issuance of a Bond Anticipation Note, which will be converted to a long-term bond at some future date. NKWD does not intend to adjust its rates for water service to cover the project cost.

6. Construction of the proposed pump station will not result in the wasteful duplication of existing facilities.

7. The public convenience and necessity require the construction of the proposed filter-to-waste system at the Taylor Mill Water Treatment Plant.

IT IS THEREFORE ORDERED that:

1. NKWD is granted a Certificate of Public Convenience and Necessity to proceed with the proposed construction as set forth in its application.

2. NKWD shall obtain approval from the Commission prior to performing any additional construction not expressly authorized by this Order.

3. Any deviation from the construction approved shall be undertaken only with the prior approval of the Commission.

4. NKWD shall furnish documentation of the total costs of this project including the cost of construction and all other capitalized costs, including, but not

limited to, engineering, legal and administrative expenses, within 60 days of the date that construction is substantially completed. Construction costs shall be classified into appropriate plant accounts in accordance with the Uniform System of Accounts for water utilities prescribed by the Commission.

5. NKWD shall file with the Commission a copy of the "as-built" drawings and a certified statement that the construction has been satisfactorily completed in accordance with the contract plans and specifications within 60 days of the substantial completion of the construction certificated herein.

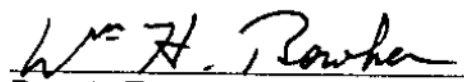
6. NKWD shall require construction to be inspected under the general supervision of a licensed professional engineer with a Kentucky registration in civil or mechanical engineering, to ensure that the construction work is done in accordance with the contract drawings and specifications and in conformance with the best practices of the construction trades involved in the project.

7. NKWD shall notify the Commission 7 days prior to the actual start of construction and at the 50 percent completion point.

Done at Frankfort, Kentucky, this 24<sup>th</sup> day of May, 2002.

By the Commission

ATTEST:

  
Deputy Executive Director