

WATER DESCRIPTION SHEET

DATE June 11, 1975

INSTALLATION 1,000,000 Gallon Reservoir, Old Brook Road

CITY

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LOCATION Old Brook Road east of the Town of Vinton in Bedford County.

OWNER City of Roanoke

OPERATOR City of Roanoke

PERMIT NO. C-65

DATE ISSUED June 11, 1975

TYPE OF TREATMENT Not applicable

SOURCE Falling Creek Water Treatment Plant

DESIGN BASIS Service to 5,000 equivalent residential connections

DESCRIPTION OF SYSTEM:

This project consists of the erection of a 60-foot diameter, 50-foot high steel finished water storage reservoir to be located on Old Brook Road, east of the Town of Vinton in Bedford County. The tank will receive water from the existing 10-inch finished water line from the Falling Creek Water Treatment Plant. The tank will be provided with a screened roof vent, screened overflow pipe, roof hatch, ladder and safety cage, ground level manhole, automatic level control valve, and tank water level transmitter to report to the Falling Creek Station.

The reservoir has been designed to serve the new subdivision of Parkview Estates in Bedford County and the Town of Vinton. The highest elevation on the proposed distribution system will be 1,279. The tank's overflow elevation will be 1,329, thus permitting the new reservoir to be tied in with and operated in conjunction with the City's present overall distribution system.