

**City of Winston-Salem
Series 2022, Water and Sewer System Revenue Bonds
Project Descriptions**

Advanced Meter Infrastructure (AMI):

The AMI (Advanced Metering Infrastructure) System Project is a turnkey, fully-automated, two-way, fixed base metering upgrade. Including water meter and end point installation services.

Collection System Improvement Program:

The program provides for wastewater collection system improvements throughout the City and County. The program focuses on system defects and utilizes a "Find and Fix" approach to sewer line rehabilitation including inspection, evaluation, design, and construction of sanitary sewer projects throughout the system. The program also funds unanticipated projects that arise throughout the fiscal year, such as sewer main relocations or replacements, structure adjustments or replacements, and other miscellaneous system improvements.

Muddy Creek Basin Capacity Improvements:

The Utilities Department has completed a Wastewater Collection System Master Plan to review the capacity needs in all three drainage basins (South Fork, Elledge, and Muddy Creek) within the system service area. The Muddy Creek Basin includes over 758 miles of gravity sewer main. The project funds field verification support, design, and construction projects to provide additional capacity in the Muddy Creek Basin.