

EXECUTIVE SUMMARY
CITY/COUNTY UTILITY COMMISSION MEETING
September 8, 2003

At its regularly scheduled monthly meeting, the Utility Commission agenda included 13 items.

WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM EXPANSION

Projects in this category are associated with the distribution of water from treatment facilities to the customer and from the customer to the treatment facilities.

A public hearing and final resolution was continued from the August meeting for sewer line extension projects on the following streets: Kenbridge Drive, Landover Drive, Millbridge Road, Brandywine Drive, Clarendon Court, Chester Valley Road, Valley Brook Road, Valley Brook Court, West Bridge Court, Crestview Road, and the Millbridge Road Outfall, Blanket Bottom Creek Outfall, West Bridge Outfall and the August Drive Pump Station. The Commission referred this project back to staff in order for financing details to be finalized. This project will provide service for 138 citizens and a total of 10,950 feet of sewer main will be extended to serve this project. The project will be constructed for an estimated cost of \$1,094,600.00. A second public hearing and final resolution was held for a sewer line extension project on Peace Haven Road. This project will provide sewer service for 138 citizens and a total of 1,450 feet of sewer main will be extended to serve this project. The estimated total cost of the project is \$234,600.00.

A public hearing date was set for October 13, 2003, for the filing of a preliminary assessment roll on the following streets: Old Cabin Lane, Union Cross Road and Stewart Road.

Preliminary agreements with developers were approved for eight projects where water and sewer facilities will be dedicated to the Utility Commission. These improvements are valued at \$575,360.00 and will provide service for 154 new water and sewer customers. A total of 17,717 feet of water and sewer main will be extended to provide water and/or sewer service for these projects. One developer will be eligible for a refund in the estimated amount of \$4,800, which will be collected from new customers connecting to the water and sewer mains.

Main Line extension projects under the City/County Utility Commission (CCUC) Feasibility Plan totaling \$800,350.00 were awarded to provide water service in the following residential areas of Forsyth County: Highway 65 near Belevs Creek and Dock Davis Road near Clemmons. A total of 15,295 feet of water main will be extended to provide service for 88 water customers in existing residential areas. Each project will be constructed once the customers have paid their required capital charges.

The Commission approved 67 requests made by property owners to finance various connection and capital charges associated with water and/or sewer connections previously approved by the Commission. These charges have been treated the same as a confirmed assessment roll (assessment bills). The assessment bills for the connection charges will be financed over a five-year period at an 8% interest rate.

The Commission awarded three contracts totaling \$793,137.59 for improvements to the City's water distribution system and sanitary sewer collection system along Swaim Road, Shallowford Road, Oak Grove Road, Wright Street, Blackwood Drive, Bannertown Church Road, Ben Lane, Rocky Ford Lane, Sullivantown Road, Greene Cross Drive, Thamer Lane, Old Hunt Trail, Old Hunt Trail Outfall, Prince Edward Road, and Prince Edward Road Outfall. The contracts were awarded to Baker Construction Company and Ramey, Incorporated. These projects were previously approved feasibility projects and the customers have subsequently paid their required capital charges.

At its July 14 meeting, the Commission awarded a contract to Brickwood Contractors, Inc., to clean, repair, and paint the Clemmons and Lewisville Single Pedestal Water Tanks. Since that time, Brickwood Contractors, Inc., has failed to comply with the bid instructions; therefore, the contract with Brickwood was rescinded and a contract was awarded to J & W Sandblasting of N.C.; in the amount of \$784,925.00.

Final payment was approved to Brewer's Excavating, Inc., for work completed on the City's water distribution system, Contract No. 2002-12.

WATER AND SEWER TREATMENT FACILITIES

Projects in this category allow for improvements to treatment facilities that increase operational efficiency through out the system.

An engineering agreement was awarded to Black & Veatch International Company in the amount of \$409,494.00 to provide a study of needs to modernize the Thomas & Neilson Water Treatment Plants. The scope of work for the Thomas Plant will include: modernizing chemical feed systems, improved mixing and solids handling facilities, automation of the

treatment process for implementing a 2-man treatment team, plant security and esthetic improvements, and a capacity study. The scope of work for the Neilson Plant will include: alternative chemicals for improved treatment, automation of process equipment to make the plant easier to operate with a 2-man treatment team, replacement of outdated equipment, and plant security and esthetics. This evaluation report will also provide forecasts on what additional capital improvements may be required at the plants for efficient treatment of water to meet regulatory requirements.

A purchase order was awarded to Perkin-Elmer Life and Analytical Sciences in the amount of \$160,243.90 for a plasma-mass spectrometer. While the Utilities Division has met all state regulatory limits for metals, the existing laboratory equipment has become outdated and is no longer supported by the manufacturer. The new instrument analyzes each water sample for all metals at one time, as opposed to the older technology of the Atomic Absorption Unit, which analyzes one metal at a time. The new instrument will improve the efficiency of the water treatment laboratory.

A contract was awarded to Southern Constructors, Inc., in the amount of \$2,194,800.00 for the construction of the Archie Elledge Wastewater Treatment Plant Bio-Solids Storage Facility. This amount was negotiated down from the original bid since all submitted bids were higher than the engineer's estimate of \$2,381,736.00.

ADMINISTRATION

The Utility Commission has a regularly scheduled meeting on the second Monday of each month. The next meeting will be held on October 13 at 2:00 p.m. in the Public Meeting Room, located at 100 East First Street in City Hall South, fifth floor. For more information about the Commission agenda, please view the City's website at www.cityofws.org/meetings.