

**EXECUTIVE SUMMARY
CITY/COUNTY UTILITY COMMISSION MEETING
January 10, 2005**

At its regularly scheduled monthly meeting, the Utility Commission agenda included 16 items.

A new member was sworn in to serve on the Utility Commission (Toyoko "Toy" Beaty). Mrs. Beaty, a city appointee, will replace Curtiss Carpenter.

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.

On December 13, the **Metairie Lane and Phillips Bridge Road** project was postponed to the January meeting with an allowance for cancellation. Since that time, the property owner who petitioned for service has withdrawn the petition; therefore, no action is required.

A public hearing and final resolution was held to approve the following sewer line extension project on: **Crestview Way**. The public hearing on August Drive and August Drive Outfall was tabled until the next meeting.

On October 11, 2004, the Commission held a public hearing and final resolution for the project **White Rock Road, Jordan Drive and Jordan Drive Outfall**. The project was referred back to staff to allow the Forsyth County Department of Health to evaluate the condition of the septic tanks. The information from the County indicates six homes having current septic system problems (sewage was either surfacing on the ground or backing up into indoor plumbing), a large percentage of homes that have no available space, and/or limited space for future repair, and age of the homes and septic tanks systems serving these homes. The Commission approved these projects.

The Commission approved preliminary agreements with developers for seven projects (**Timberfield, Phase I, Beaufort Landing, Harvest Ridge, Heritage Park, Phase 2, Graycliff, Hillcrest Towne Center, Sect. 1 and Williamshire**) where water and sewer facilities will be dedicated to the Utility Commission. These improvements are valued at \$670,950.00 and will provide service for 112 water and sewer customers. A total of 18,548 feet of water and sewer main will be extended to provide service for these projects.

One mainline extension project under the City/County Utility Commission (CCUC) Feasibility Plan totaling \$29,040.00 was awarded to provide water service in the following residential area of Forsyth County: **Cain Wood Court**. A total of 528 feet of water main will be extended to provide service for 11 water customers in an existing residential area. This project will be constructed once the customers have paid their required capital charges.

The Commission approved the purchase of property for an addition to the Utility Construction & Maintenance facility on Martin Luther King, Jr. Drive. Property with the necessary zoning has been located at the adjoining French Leafguard facility, 1410 Martin Luther King, Jr. Drive. The property will be purchased for \$322,500.00. Staff believes that there are significant advantages and savings associated with acquiring this property compared to building a newly constructed facility.

The Commission approved the purchase of three easements for the **Kenosha Drive Outfall** project in the amount of \$6,600.00 and two easements for the **Muddy Creek Sewer Line** project in the amount of \$500.00.

A project was approved to establish water and sewer service infrastructure for the Alliance Technology Park service area. The total cost of the water extension is \$468,300.00 and the sewer extension is \$95,200.00.

The Commission awarded contracts in the amount of \$2,732,814.38 for improvements to the City's water distribution and sewer collection system for **Lowery Creek Pump Station (bid awarded to James E. Harris Construction Co., Inc.), Kenbridge Drive, Landover Drive, Millbridge Road, Westbridge Court, Valleybrook Road, Valleybrook Court, Chester Valley Road, Brandywine Drive, Clarendon Court, Mill Bridge Road Outfall, Blanket Bottom Outfall, Westbridge Court Outfall and August Drive Pump Station and Force Main (bid awarded to Ramey, Inc.), August Drive and August Drive Outfall (bid awarded to Ramey, Inc.), and Balsom Road (bid awarded to Billings & Garrett, Inc.)**.

A contract for the purchase of brass fittings was awarded to Ferguson Waterworks in the amount of \$31,371.81 and Miller Supply Co., in the amount of \$155,089.00. The product will be used for water main connection repairs.

WATER AND SEWER TREATMENT FACILITIES

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

An engineering agreement was approved with Black & Veatch in the amount of \$1,401,000.00 to provide design of a drying facility, polymer storage facility, associated improvements at the Elledge and Muddy Creek wastewater treatment facilities and sludge and filtrate pipelines between the two treatment plants.

The Commission amended the December 31, 1999 professional services agreement with Synagro, Inc., to account for the Consumer Price Index (CPI) increase and the increase in fuel prices. Synagro requested an increase in the unit price for liquid disposal from \$0.0320 to \$0.0368 per gallon, an increase of 15% and to increase the unit price for cake disposal from \$15.00 to \$15.50 per cubic yard, an increase of 3.3%. There has been a significant decrease in the volume of liquid biosolids available for Synagro to land apply due to the conversion to a cake biosolids land application program from the Elledge Plant in 2005. Due to this, the amendment to the agreement reduces the liquid land application contract amount from the current 28 million gallons to 12 million gallons per year, and increases the cake application contract amount from 9,000 cubic yards to 28,500 cubic yards per year. Based on these rates, the cake program addition will decrease the annual contract with Synagro by \$149,550.00 to a total of \$883,350.00.

A purchase order was awarded to CITI, LLC in the amount of \$117,692.00 for upgrading the Supervisory Control and Data Acquisition System (SCADA) at the Archie Elledge Wastewater Treatment Plant. In the interest of providing uniform software across all treatment plant operations, CITI, LLC was also selected to develop and implement SCADA software at the Northwest, Thomas, and Neilson water plants. A common platform benefits the Commission through lower maintenance and support costs at each plant. Having the same control procedures at each plant allows for flexibility in scheduling plant operators.

A purchase order was awarded to Davie Truckers, Inc., for hauling of cake biosolids from the Muddy Creek Wastewater Treatment Plant in the amount of \$114,450.00. The biosolids will be hauled to the Uwharrie Environmental Landfill in Troy, NC.

A contract was awarded to Dellinger, Inc., in the amount of 1,745,294.00 for the Muddy Creek Wastewater Treatment Plant Aeration Basin Modifications and Lime Facility project.

A contract was awarded to Andritz-Ruthner, Inc., in the amount of \$6,850,000.00 for the Archie Elledge Wastewater Treatment Plant Thermal Drying System project.

The Commission approved a settlement agreement with Pizzagalli Construction Company for a credit of \$305,542.00. This settlement amount plus added values to the project covers the extended construction inspections costs required by Black & Veatch for the time period beyond the construction completion dates. The original contract with Pizzagalli totaled \$51,484,000.00. After change orders and the settlement amount, the revised amount will be approximately \$51,380,000.00.

SOLID WASTE DISPOSAL

Projects in this category are associated with waste disposal.

Two informational items were included for the Commission's review:

- Davie County's request to reduce the monetary penalty associated with their solid waste disposal agreement.
- Waste Management's request for a refund of tipping fees at the Hanes Mill Road Landfill.

ADMINISTRATION

Projects in this category are associated with general policies of the Commission.

The Utility Commission has a regularly scheduled meeting on the second Monday of each month. The next meeting will be held on February 14 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.