

**EXECUTIVE SUMMARY**  
**CITY/COUNTY UTILITY COMMISSION MEETING**  
**June 8, 2009**

Items Considered: 18; Items Approved: 17; Items Deferred Back to Staff: 1

<b>Distribution/Collection</b>	<b>Distribution/Collection Cont.</b>
<p>The Utility Commission held a public hearing and the assessment rolls were confirmed for the following water/sewer utility extension projects: <b>Folkstone Court, Kane Drive &amp; Folkstone Road (Sewer); Northampton Drive (Sewer); Stimpson Drive &amp; Yadkinville Road (Sewer); Midpines Drive (Water); Dixiana Lane, Mickle Road &amp; Transou Road (Sewer); and Lewisville-Clemmons Road (Sewer).</b></p> <p>The Utility Commission voted to delay the confirmation of assessment rolls for Cecil Drive and Pine View Drive sanitary sewer extension project. The Commission will reconsider this item at the July 13<sup>th</sup> meeting.</p> <p>The Utility Commission authorized the acquisition of an easement for the Folkstone Court sanitary sewer outfall project through negotiated settlement. After attempts at settlement through the mediation process were declared an impasse, a trial date was set for May 11, 2009. The judge assigned to the case indicated that he would be willing to allow an estimated value of \$40,000-\$45,000 for trees removed during the construction of the sewer facilities to be considered by the jury. This was inconsistent with established procedures, but could not be overcome. Therefore, upon the recommendation of the City Attorney's Office, a final attempt was made to settle the issue. Mr. and Mrs. Ronald L. Chisenhall agreed to settle for an additional \$10,100 over the \$4,900 appraisal or for a total of \$15,000.</p> <p>The Utility Commission recommends that the Winston-Salem City Council execute various easement agreements associated with the access easement to Glenn High water tank and Carl Clarke Drive. The Utility Commission received a request from the Winston-Salem Forsyth County Board of Education who wishes to pursue further development of land that contains an access easement for staff to provide maintenance to the Glenn High water tank. The school system is willing to provide alternative access to the tank if, in exchange, the access easement is relocated on the property. Staff has found no issue with the exchange and stipulates that an easement near the previous access easement will still be available to maintain the existing water main.</p> <p>The Utility Commission awarded a contract to Yates Construction Co., Inc. for construction of sanitary sewer collection system improvements for construction of the Hoffman Branch Outfall. Yates Construction Co. is the lowest responsible bidder meeting the specifications with a bid of \$181,464.</p>	<p>The Utility Commission awarded a contract to Breece Enterprises, Inc. for construction of water distribution system improvements to replace several 2-inch mains with adequately sized water main in order to provide adequate domestic and fire flow to existing customers. Breece Enterprises, Inc. is the lowest responsible bidder meeting the specifications with a bid of \$270,050.</p> <p>The Utility Commission awarded a contract to Seaside Environmental Constructors, Inc. for the construction of water distributions system improvements in the vicinity of Winston-Salem State University. Seaside Environmental Constructors is the lowest responsible bidder meeting the specifications with a bid of \$1,022,511.</p> <p>The Commission approved an Engineering Agreement with Davis-Martin-Powell and Associates, Inc. for construction administration services associated with the water distribution system improvements in the vicinity of Winston-Salem State University. Davis-Martin-Powell and Associates' proposed fee for construction administration is \$35,000. In addition, the City of Winston-Salem's Engineering Division will perform inspection services for this project. Their proposed fee for inspection services is \$70,000.</p> <p>The Commission approved an Engineering Agreement with Jordan, Jones &amp; Goulding, Inc. to provide professional engineering services for the evaluation, design, and bidding of the Polo Road sewer system rehabilitation. An evaluation of the lines in this area is needed to determine the type of rehabilitation most appropriate and to re-establish access points for maintenance purposes. Jordan, Jones &amp; Goulding has proposed a not-to-exceed fee of \$80,000 to perform this scope of work.</p> <p>The Utility Commission authorized the execution of a Utility Agreement with the North Carolina Department of Transportation for certain utility work related to the replacement of bridges #221 &amp; 222 over Muddy Creek on U.S. 421. The estimated cost of the work to be completed by NCDOT is \$11,700.</p>
	<b>Water and Wastewater Treatment</b>
	<p>The Utility Commission awarded a contract to Crossway Coatings, Inc. for preparing and painting digester covers numbers 1-5 and 8 at the Archie Elledge Wastewater Treatment Plant to the lowest responsible bidder meeting the specifications with a bid of \$179,137. This price includes an accepted add alternate of \$11,500 to prepare and paint 18 side mixers.</p>

**Water and Wastewater Treatment Cont.**

The Utility Commission authorized a change order with Western Summit Constructors, Inc. for the construction of lime/magnesium hydroxide facilities associated with the Archie Elledge Wastewater Treatment Plant influent pumping station and primary treatment improvements. Western Summit’s proposal agrees to complete the additional work for a lump sum of \$97,341.

The Commission awarded several contracts for chemicals for water and wastewater treatment plants. The following are the lowest bidders for 6 month contracts, the chemical they will provide and their estimated price:

<u>Vendor</u>	<u>Chemical</u>	<u>6 Month Cost</u>
Brenntag Southeast	50% Caustic Soda	\$60,915.95
Key Chemical	Fluorosilicic Acid	\$78,388.15
JCI Jones Chemicals	Sodium Hypochlorite	\$262,800.00
Carus Corporation	Orthophosphate	\$104,860.00
Brenntag Southeast	25% Causitic Soda	\$3,124.80
JCI Jones Chemicals	Sodium Bisulfite	\$77,384.00
Linde	Liquid Nitrogen	\$5,250.00

Prices for aluminum sulfate, ferric chloride and bulk hydrated lime will be extended for FY2010. Prices for some treatment chemicals have likely declined during the last year due to reduced demand in raw materials and decreases in fuel cost. These decreases are anticipated to produce an overall chemical budget savings.

**Solid Waste**

The Commission adopted the 2009 Solid Waste Plan Updated for the City of Winston-Salem and unincorporated Forsyth County. Included in this plan is a new 5% reduction goal of 1.27 tons by July 30, 2019, calculation and presentation of waste disposal per capita for each municipality, comparison of Forsyth County’s disposal rate to the State average and other counties in NC, expanded discussion about the transfer of waste out-of-county, new waste characterization data, and details about the management of electronic waste (e-waste) and recycling programs.

The Utility Commission approved an agreement for HDR Engineering to provide construction management services necessary for the construction of a gas extraction system at the Hanes Mill Road Landfill expansion. HDR has submitted a proposal to perform contract administration, daily inspections for 10 weeks and produce certification reports for a not-to-exceed fee of \$76,200.

**Planning and Policy**

The Utility Commission amended the Water System Policy Resolutions Article VI. Water Conservation Policy to meet the requirements of NCAC 02E 0.600. On July 1, 2008 Governor Mike Easley signed Drought/Water Use Management legislation (House Bill 2499) creating Section Law 2008-143. This legislation intended to improve drought response at the state and local level. Working with the Division of Water Resources, Utilities Division staff have revised our drought preparedness policy to meet the requirements set forth in 15A NCAC 02E 0.600.

**Administration Cont.**

The Utility Commission authorized the expenditure of funding under the American Recovery and Reinvestment Act of 2009 for the installation of 12 Water Distribution System Sampling Stations. The North Carolina Department of Environmental and Natural Resources – Public Works Section approved a \$34,834 loan for this project. The terms for this loan are such that 50% of the loan will be required to be paid back at 0% interest for 20 years and the remaining 50% will be considered principle forgiveness requiring no payback.

The Utility Commission authorized the payment of \$191,349.55 to Cayenta, Inc. for annual maintenance of the Cayenta, Inc. Utility Billing System for the Fiscal Year 2009-2010.