

**Water and Wastewater Facts and Figures  
June 30, 2004**

|   |              |
|---|--------------|
| Operating Budget FY05<br>(includes debt service)      | \$52,606,390 |
| Water and Wastewater Treatment CIP FY05               | \$28,200,720 |
| Water Distribution and Wastewater Collection CIP FY05 | \$11,488,380 |
| Authorized Positions                                  | 310          |
| Estimated Population Served<br>in Forsyth County      | 306,067      |

**WATER TREATMENT OPERATIONS**

|  |                                  |
|--|----------------------------------|
| Water Treatment Capacity (three plants)    | 97 million gallons per day (mgd) |
| Number of Treatment Plants                 | 3                                |
| R. W. Neilson                              | 48 mgd capacity                  |
| R. A. Thomas                               | 24 mgd capacity                  |
| Northwest                                  | 25 mgd capacity                  |
| Average Daily Pumped                       | 41.4 mgd                         |
| Highest Daily Pumped                       | 55.2 mgd                         |
| Estimated Active Water Service Connections | 108,870                          |
| Miles of Water Main                        | 1,944                            |
| Number of Fire Hydrants                    | 16,000                           |

**WASTEWATER TREATMENT OPERATIONS**

|  |                                  |
|--|----------------------------------|
| Wastewater Treatment Capacity (two plants) | 51 million gallons per day (mgd) |
| Number of Treatment Plants                 | 2                                |
| Archie Elledge                             | 30 mgd capacity                  |
| Muddy Creek                                | 21mgd capacity                   |
| Average Daily Treatment                    | 35.03 mgd                        |
| Estimated Active Sewer Service Connections | 80,839                           |
| Miles of Sewer Mains                       | 1,413                            |
| Pump/Lift Stations                         | 50                               |

In July 2004, the City/County Utilities Division began operation of the Northwest Water Treatment Plant. The Northwest Water Treatment Plant is a state of the art conventional water treatment facility located along the Yadkin River in the northwest corner of Forsyth County. This plant, like the Neilson Water Plant, has a pump station on the Yadkin River that will pump raw river water to two storage reservoirs that will hold a total of 150 million gallons. The new plant ensures that the county will continue to have ample capacity and demonstrates the City's continued commitment to provide its citizens with cost effective high quality water.