

WATER SYSTEM MANAGEMENT PLAN #05-01683

FOR

**THE CITY OF ASHEVILLE
WATER RESOURCES DEPARTMENT
PWSID#01-11-010**

Last Update: September 23, 2005

The water system currently serves all of the City of Asheville, approximately 60% of Buncombe County and less than 1% of Henderson County. The major water supply is the City's watershed, which is comprised of 20,000 acres of mountainous forestland in eastern Buncombe County. Burnette Reservoir, the larger of two impoundment reservoirs, is located in Black Mountain. Bee Tree Reservoir, the smaller impoundment reservoir, is located in Swannanoa. Water is treated at the North Fork Water Treatment Plant (built at Burnette Reservoir in 1955 and expanded in 1992 to a capacity of 31 MGD). The William DeBruhl Water Treatment Plant (built at Bee Tree Reservoir in 1987 with a capacity of 5 MGD) is currently off line and is in the process of being upgraded.

The Mills River water supply was secured on the Mills River in Henderson County in 1994 through an agreement reached with Henderson County. Construction of a 5 million gallon-per-day water treatment facility on the Mills River was completed in October 1999. It was designed to accommodate future expansion, thus providing a plentiful supply of water for this region for the next 25 years.

26. The excess capacity in the water system maintained by the Asheville/Buncombe Water Authority is such that the system has a current capacity in excess of 41 million gallons per day and a current average usage of 22 million gallons per day.

RESPONSE: It is admitted that Asheville's water system has a current peak production capacity in excess of 42 million gallons per day (safe yield at 32 million gallons per day) and an average usage of 21 million gallons per day – but only assuming that the Bee Tree water facility is online. Unless otherwise admitted, Request No. 26 is denied.