



OFFICE OF THE COMMISSIONERS AND MANAGER

500 N. Main St., Room 921 • Monroe, NC 28112 • Phone (704)283-3810 • Fax (704)282-0121

Staff Contact:

Brett Vines 704-283-3546/704-361-4133

brettvines@co.union.nc.us

News Release

Union County to Improve Water System

October 1, 2009, Monroe, NC – The Union County Board of Commissioners on Wednesday authorized County Manager Al Greene to approve construction bids of \$5,044,849 from Dellinger, Inc. of Monroe for improvements to Union County’s water system that will allow Union to accommodate more water from Anson County.

Union County currently has an agreement with Anson to provide up to 4 MGD of water. Because Union’s infrastructure is limited in capacity, the County can only receive 1.9 MGD of the contracted capacity during peak times. Improvements to the water system are designed to allow the County to deliver the contracted amount of 4 MGD, with the potential to distribute up to 6 MGD.

“The possibility of a future increased allocation from Anson County to 6 MGD was incorporated into the final design of this project with an initial pumping capacity of 4 MGD,” said Public Works Director Ed Goscicki.

Infrastructure improvements include a new U.S. 74 Water Booster Pumping Station and construction of a 24-inch water transmission main from the pump station to the existing Marshville elevated water tank. The pump station and water main will provide for 4 MGD peak day flow to the Marshville water tank. Approximately 1.5 MGD of this capacity will be used in the Marshville and Wingate service area.

A new pump station will also be constructed at Olive Branch Road. This pump station will have the ability to transfer approximately 2.5 MGD from the Marshville area to the County’s Northwest elevated water storage tank. The new Olive Branch Road Pump Station will be connected to existing 16-inch water mains to transfer this water. Flow from the Northwest tank will serve the north central part of the service area which will reduce the amount of water transferred to the area from the Catawba River Water Treatment Plant.

The U.S. 74 Pump Station will be able to accommodate three pumps with an initial installation of two pumps. The two initial pumps are sized to pump 4 MGD each – one operating, one as a

backup. If the County's allocation is increased to 6 MGD, one additional pump would be required and the pump impellers changed on the two original pumps.

Construction on the project should begin within 90 days with a 15-month construction schedule.

###