



Concord/Kannapolis-Albemarle Water Transmission Line

October 22, 2015 ceremony in Mount Pleasant is the culmination of a regional partnership developed over the last 16 years.

By the Numbers

- \$28 million project
- 19.6 miles of 30 and 24-inch water pipe
- 3 Pump Stations
- 1 million gal. storage tank

Milestones

- Staff form Concord and Albemarle begin discussions
1999
- Concord/Albemarle City Councils hold joint meeting
August 15, 2001
- IBT Certificate
January 10, 2007
- Concord/Kannapolis /Albemarle Councils hold joint meeting
May 5, 2010
- Cities enter into Agreement
November 2010
- Design complete
January 2013
- Construction begins
October 2013
- Project complete
October 2015

The Cities of Concord, Kannapolis, and Albemarle have completed their jointly funded water transmission line, which provides a new water source for Cabarrus County. The project will ultimately supply 10 million gallons per day of treated water into Cabarrus County from the Yadkin-Pee Dee basin, which is less reactive to or impacted by drought conditions than existing Cabarrus sources. The project also benefits the City of Albemarle, which has excess water supply and capacity after changes in its local economy.



Pump Station facility located at 25 N. Main Street, Mount Pleasant.

Project History and Implementation

The City of Concord began working with the City of Albemarle on the issue of securing a future water supply in 1999, in the midst of a major drought that brought to light the discrepancy between available local water supply and the ability to meet current and future demands. The City of Kannapolis joined the effort after a master plan study determined there was a supply issue for all jurisdictions in Cabarrus County. A major milestone to the solution occurred when the North Carolina Environmental Management Commission (EMC) approved the Concord and Kannapolis IBT Certificate in January 2007, allowing 10 million gallons per day (MGD) to be transferred from the Yadkin-Pee Dee basin into Cabarrus County. The current project makes 5MGD available, and the municipalities have agreed to a minimum 2MGD withdrawal. Future system upgrades will allow increased pumping capacity to reach the peak 10MGD withdrawal.

Project Partners



A regional partnership to provide a new, reliable water source to Cabarrus County.