

TRITECH CIVIL ENVIRONMENTAL, PC

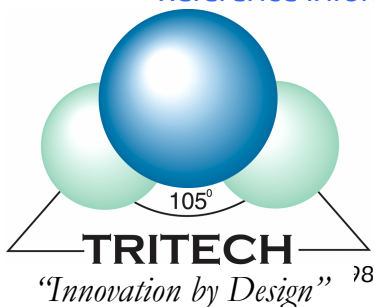
# Wastewater Collection and Pumping Systems Planning/ Design/Grants

*Planning, Engineering & Surveying*

This project, completed in three phases from 1999 through 2002, consisted of planning, grants administration, design, and construction phase services for wastewater facilities to serve residential and commercial areas in Wilkes County and North Wilkesboro. Projected flows were developed for existing and new service areas. Trittech completed a preliminary engineering report and assisted the Town in obtaining a \$3,000,000 high unit cost grant from the State Clean Water Bond Program. The facilities consisted of three wastewater pumping stations, approximately 11,000 LF of 4-inch through 12-inch force main, and 44,000 LF of 8-inch through 24-inch gravity sanitary sewer. The project included abandoning two existing pumping stations and upgrading or replacing overloaded sanitary sewers. Permits were obtained from the Divisions of Water Quality (including 401 certification) and Land Resources and Corps of Engineers (NWP 12). Encroachment agreements were obtained from the Department of Transportation. The total project cost, at approximately \$3,500,000, was 20 percent less than the project budget developed during planning.

Reference information: Gail Harris, Manager (retired)

336-760-5432



401 Commerce Place  
P. O. Box 4127  
Asheboro, NC 27204-4127  
Email: [lwpearce@tritechcivil.com](mailto:lwpearce@tritechcivil.com)  
Website: [www.tritechcivil.com](http://www.tritechcivil.com)

Phone: 336-498-1060  
Phone: 336-672-5253  
Fax: 336-498-1070