



TRITECH CIVIL ENVIRONMENTAL, PC

# Wastewater Facilities Directional Drilling

*Planning, Engineering, & Surveying*

This project consisted of planning, design, and construction phase services for modifications to an existing pumping station and approximately 25,000 LF of 4-inch force main. Trittech developed alternatives for upgrading an existing wastewater treatment plant (WWTP) with surface discharge and for eliminating the discharge. The recommended facilities were completed in 2001 and enabled Rockingham County Schools to abandon the existing WWTP and connect to the City of Eden wastewater collection system. Permits were obtained from the Divisions of Water Quality and Land Resources. Trittech was responsible for all property and engineering surveys. Encroachment agreements were obtained from the Department of Transportation. Trittech assisted the Rockingham County Schools in obtaining permission from private property owners along the highway where there was no defined right-of-way (i.e. "maintenance only"). The total construction cost was approximately \$560,000., of which \$130,000 was for directional drilling of approximately 750 LF of a 6-inch steel casing pipe underneath the Dan River to carry a 4-inch HDPE force main.

Reference information: Bill Holcomb, Superintendent

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