

Project Name: **North Fork Sewage Pumping Station**

Utility Name
and Location: **Henderson Water Utility
Henderson, Kentucky**

Key Personnel: J. Gregory Davenport, P.E.
Stephen C. Lee, P.E.
Robert S. Qualman, Jr., P.E.
Phillips Engineering (Electrical Sub-Consultant)

Project Description: This project consists of a new 22.0 MGD combined sewage pumping station, approximately 18,800 L.F. of 30-inch diameter force main, approximately 2,378 L.F. of 42-inch gravity sewer, and 2,232 L.F. of 18-inch gravity sewer. The sewage pumping station is subject to flow from Henderson's combined sewer system and is required as part of Henderson's Long Term Control Plan. The sewage pumping station includes four variable speed wet pit submersible pumps and an air conditioned electrical room. The control system variable speed technology in order to provide a more efficient design and reduce surging at the Wastewater Treatment Plant headworks.

Construction Cost: \$3,822,950

Engineering Services: Planning, Detailed Design, Bidding and Award, Construction Administration, and Resident Observation



22.0 MGD North Fork Sewage Pumping Station



Wet-pit Submersible Pumps –North Fork Sewage Pumping Station-