

Project Name: **Shelbyville Wastewater Treatment Plant Upgrades**

Utility Name  
and Location: **City of Shelbyville  
Shelbyville, Tennessee**

Key Personnel: Joe Wauford, P.E.  
Kevin S. Young, P.E.  
J. Roy Wauford, Jr., P.E.  
Robert S. Qualman, Jr., P.E.

Project Description: This project consists of a new enclosed 15.0 MGD headworks, new enhanced biological phosphorous removal reactor, two new phased isolation ditch reactors, and two new 130-foot diameter final clarifiers and ultraviolet disinfection. This WWTP has a biological treatment capacity of 9.5 MGD and a hydraulic design capacity of 15.0 MGD. This plant is in operation and is capable of biological nutrient removal treating effluent to 5.0 mg/l Total Nitrogen and 1.0 mg/l Total Phosphorous.

Construction Cost: \$18,068,418

Date of Completion: November 2012

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

