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WWTP Reuse Facility Discharge and Pond Outfall Modifications

- Type: Sanitary Sewer Treatment
- Summary: Construction of new discharge piping and chlorine contact chamber at the West Monroe wastewater treatment plant.
- Location 250 East Martin Street
- Description: The project includes re-piping of the existing discharge from the Sparta Reuse Facility, a new discharge structure, armoring of the outfall ditch, and flow metering. The project also includes the construction of a new chlorine contact chamber at the outfall from the oxidation pond/rock filter system. This portion will include reworking of the piping from the rock filters to the outfall pump station, reconstruction of the levee system, new chlorine solution piping, and flow metering. These improvements will allow the plant to remain within the prescribed permit discharge limits when recycled effluent is restricted and in times of extreme flow through the system.
- Funding Program(s): 2025 DRA Community Infrastructure Fund (CIF)
- Total Project Cost: \$2,199,447
- Funding Request: \$1,539,613 (70%)
- City Match: \$659,834 (30%)

Prepared by Robert L. George, IV, P.E. S. E. Huey Co. March 24, 2025