

City of Union Point Wastewater Treatment Facility and Pump Station Improvements Greene County, Georgia

Services Provided:

Preliminary Planning
Funding Procurement
Surveying
Engineering Design
Permitting
Interagency Coordination
Bid Phase Management
Construction Observation
Program Management

Project Data:

Replace Equipment at the
WWTF
Replacement of 3
Wastewater Pumping
Stations

Total Project Cost:
\$3,374,000

Date of Completion:
March 2016

Contact:

City of Union Point
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Public Works
Superintendent
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The City of Union Point's wastewater collection system and original wastewater treatment facility was installed in 1967. The aging system was in need of major repairs and replacements; Operation and maintenance costs were increasing and creating a burden on the wastewater expenses.

The sewage pumping stations were nearly 50 years of age, and did not meet current standards and all had mechanical and safety issues. The wastewater treatment plant had components ranging in age from 30 to 50 years of age, had no grit removal system and had many issues with permit compliance.

The project included the upgrade of three existing lift stations and the upgrading of equipment and facilities at the waste water treatment facility. Equipment upgrades at the treatment facility included new headworks, screening, grit removal, enhancements to the aeration equipment, improvements to the clarifiers, improvements to the sludge digester, replacement of the undersized generator, dechlorination system, and bio-solids management enhancements.

EMI assisted the City in obtaining a \$976,000 USDA-RD loan and \$1,628,000 USDA-RD grant funds for the project.