

## Wastewater Treatment Plant Expansion & Improvements - City of Winnsboro, Texas



The City of Winnsboro's wastewater treatment plant capacity was increased by 50% from 1.0 to 1.5 MGD. This project was undertaken to address the problem of the existing plant approaching existing flow permit limits.

Improvements included master lift station pump replacement, new headworks, new orbal unit, rehabilitation of two existing orbal units, new clarifier, new chlorine contact chamber, new yard piping, belt press and building, new blowers, new chlorination system, electrical and controls, and a new auxiliary generator. The existing wastewater treatment plant remained operational during construction.

Services provided by Hayter Engineering are listed at right.

This project was financed by the City of Winnsboro and it was completed in 2005.

### CLIENT

City of Winnsboro

### CONTACTS

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### CONSTRUCTION COST

**\$2,725,722**

### SERVICES PERFORMED:

Preliminary Engineering Report

Design Surveys

Design

Buffer Zone Easements

Bid & Award

Geotechnical Engineering

Permit Amendment

Construction Review

Warranty Review

Materials Testing

Record Drawing