

United States Department of Agriculture Wastewater Treatment Plant Improvements City of Cooper, Texas (Orbal Aeration)



The City of Cooper's new .48 MGD orbal aeration treatment plant included dual clarifiers, storm water holding pond, chlorine disinfection, polymer feed, and sludge drying beds, and rehabilitation of the access road. Ammonia nitrate removal was a primary requirement of this project which was undertaken to meet TCEQ effluent limits for BOD5, TSS, D.O. and NH3N.

This was the City's 4th treatment plant on the same site, which posed unique difficulties in re-using existing piping and structure where possible, and in maintaining the full treatment process during construction.

Services provided by Hayter Engineering are listed at right.

This project was completed in 2007.

CLIENT

City of Cooper

CONTACT

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CONSTRUCTION COST:

\$2,639,482

SERVICES PERFORMED:

Design
Financial Application Assistance
Bid & Award
Environmental Assessment
Storm Water Pollution
Prevention Plan
Handicapped Accessibility Review
Operations & Maintenance
Manual
Construction Review
One-Year Warranty Review
Preliminary Engineering Report
Materials Testing
TPDES Discharge Permit