South WWTP Wet Weather Improvements (Phase 2)

City-Parish # 08-TP-BD-0055

Advertisement for Bid: Anticipated Project End:

3rd Quarter 2011 2nd Quarter 2015

There are three wastewater treatment plant projects at the South WWTP. The plant's wet weather treatment capacity will be expanded to accommodate the predicted peak flow of 200 million gallons per day (mgd) after peak shaving storage and to accommodate wet weather flows from the Central WWTP, which will be consolidated with the South WWTP. The wet weather treatment capacity improvements will be accomplished in two projects. The South WWTP Phase 1 project involves wet weather storage, influent pumping, and preliminary treatment. The South WWTP Phase 2 project involves wet weather improvements within the treatment process. In addition to these projects, five Immediate Action Projects are being undertaken at the South WWTP. The purpose of these projects is to bring the plant in compliance with current discharge limits.



Construction of yard pipe at the SWWTP that will convey wastewater throughout the plant.



Design of the SWWTP Phase II project started in October 2008.



South WWTP Wet Weather Improvements (Phase 2) Project Facts

Design Consultant:

MWH Americas, Inc.

Construction Contractor:

Brasfield & Gorrie

WWTP CONSTRUCTION:

- Solids upgrades
- Four additional clarifiers
- Conversion of disinfection
- New effluent pump station
- Parallel effluent pipeline
- Odor control
- Yard piping and site work
- Demolition

Estimated Construction Cost: \$111.7 M