

# South WWTP Wet Weather Improvements (Phase 1)

City-Parish # 08-TP-BD-0033

Advertisement for Bids: **1<sup>st</sup> Quarter 2010**  
 Project End: **1<sup>st</sup> Quarter 2013**

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 1 project started in June 2008.



FIGURE 3-36  
 SWWTP IMPROVEMENT PROJECTS

## South WWTP Wet Weather Improvements (Phase 1) Project Facts

- WWTP CONSTRUCTION:**
- Modify existing gravity PS
  - New raw sewage/equalization PS and FM
  - New covered storage for 200 MGD flows
  - New 200 MGD headworks
  - New electrical substation
  - Yard piping
  - Site work
  - Demolition

**Design Consultant:**  
 Camp, Dresser, McKee, Inc.

**Construction Contractor:**  
 Brasfield & Gorrie, LLC

**Estimated Construction Bid: \$109.2 M**