

North Wastewater Treatment Plant Odor Equipment Installation

City-Parish #07-WT-TP-0030

Advertise: **3rd Quarter 2009**
Project End: **4th Quarter 2010**

This project consisted of two phases to address odor issues. The first phase consisted of installing chemical feed systems at five pump stations in the collection system. These systems have been operational since the beginning of March, 2010. Odor control sampling is ongoing at both at the NWWTP force main and gravity main headworks buildings and continues to show positive results.

The second phase of the project included the installation of two biotower units at the two NWWTP headworks buildings. These towers capture air from wastewater flow entering the plant and remove hydrogen sulfide from the captured air. The biotowers have been constructed by the manufacturer, Siemens. The installation of the towers was conducted by SEMS, Inc. Construction was completed in November 2010.



New biotower unit was installed at the force main headworks building.



Chemical feed systems were installed at five pump stations to reduce odor.



North Wastewater Treatment Plant Odor Equipment Installation Project Facts

Design Consultant:
Environmental Engineering Services

Contractors:
Siemens; SEMS, Inc.

Construction Cost: \$0.5 M