



## CITY OF SUGAR LAND

Engineering Department

**CIP Project Number: WWPE01**

**Title: Treatment Plant Flow Diversion - North to West**

**Project Phase: PER**

**% of Phase Completion**



**Cost for this Phase: \$ 80,000**

**Funding Sources: General Revenue**

**Project Manager: Jimmy Vandever**

**Contractor: TBD**

**Consultant: AECOM**

### **Project Description:**

Diversion of up to approximately 3.0 MGD of wastewater flow from the NWWTP service area to the WWTP through a newly constructed 24-inch force main, 17,000 feet in length. FY2009 will include Preliminary Engineer Report and easement acquisition, followed by design in 2010 and construction in 2011 for the 24-inch diameter force main.

**Justification:** Per the March 2007 Wastewater Master Plan, the NWWTP will reach 95% capacity by 2012. A portion of the NWWTP will be diverted to the South Treatment Plant (SWWTP). However, to prevent the SWWTP capacity from being exceeded, a flow of 0.75 MGD should be diverted from the NTP to the WWTTP through a newly constructed 24-inch diameter force main.

**Updates: December 2008-**AECOM has been selected for the PER and a proposal has been requested. The contract is expected to be presented to Council in January.

PER was completed last year. Design phase is being deferred due to slow growth and the lack of need to expand the west wastewater plant.