



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: WA1006

Title: River Park Water System Upgrades

Project Phase: PER/Design/Construction

% of Phase Completion



Cost for this Phase: \$ 75,000

Funding Sources: Revenue Bonds

Project Manager: Chris Steubing

Contractor:

Consultant: Brown and Gay

Project Description: Project to consist of evaluation of most cost effective way to provide additional production capacity and emergency interconnect with surrounding public water supply for emergencies. Funding to provide design and construction for SCADA and electronic security for water facilities to integrate with existing City operations.

Justification: Currently River Park has no emergency interconnect with any surrounding public water entity or adequate production capabilities to sustain summer demand if there were an unexpected failure with one of the production wells. Having Memorial Hospital on River Park's water system makes this more critical. SCADA and security will need to be updated and integrated with the City's systems.

Updates: October 2009 –

November 2009 –

December 2009 – Brown and Gay performing water modeling of system. Once complete any deficiencies identified will be addressed.

January 2010 – no change

February 2010 – Soliciting proposal from Prime Controls for SCADA installation at the water plant, off-site well and two lift stations.

March 2010 - Council approved SCADA installations on 3/16 council meeting. Notice to proceed has been issued to Prime Controls.

April 2010 – SCADA equipment has been ordered with an 8 – 10 week delivery

May 2010 - no change

June 2010 – SCADA equipment is scheduled to be installed 2nd week of July. Staff is working with the contractor to firm up local controls for backup that will be utilized during the transition from existing controls to new equipment.

July 2010 – no change, SCADA installation was moved to August to allow for a more thorough transition plan

August 2010 – Installation of SCADA has begun, should be complete in September

September 2010 – SCADA installation complete