WATER UTILITY SYSTEM FACILITIES

The Water Utility System (System) relies on both surface and ground water supplies. Surface water is taken from Lake Conroe and Lake Houston in the San Jacinto River System and Lake Livingston in the Trinity River System. In aggregate, these supplies are sufficient to meet the City's expected water requirements beyond the year 2035. However, additional water supplies must be developed to meet our long-term needs. In addition, the System continues to shift its supply source from groundwater to surface water in accordance with state mandates.

The System delivers treated surface and ground water to customers through a series of storage tanks, pump stations and transmission and distribution mains. This potable water is sold to domestic, commercial, industrial, governmental and other customers in the Houston metropolitan area. Untreated surface water is delivered for sale to governmental, industrial and agricultural customers.

The Water Utility System Capital Improvements Program (CIP) continues to focus on neighborhood renewal by replacing old, unreliable water lines along with upgrading/improving the City's water transmission and treatment system to replace an aging infrastructure and to meet the demands of new growth. The five-year program totals $460 million and is financed with revenue bonds.

WATER UTILITY SYSTEM FACILITIES

Highlights of the Adopted FY2010-2014 CIP include:

- Continued replacement of neighborhood water mains to improve customer service, water quality, system reliability and assure compliance with TCEQ regulations, and installation of fire hydrants on undersize water lines to increase fire protection
- Construction of surface water transmission lines to provide a reliable surface water supply for Houston.
- Replacement of water lines under City's Street and Storm CIP projects.
- Rehabilitation of Large Diameter Water Transmission Lines.
- Increased participation in water main construction cost with Developers to promote inner city development.