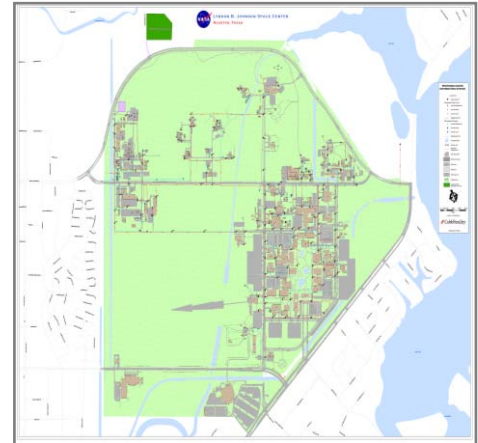


NASA Johnson Space Center Potable Water System Replacement Houston, Texas

CobbFendley has designed a multi-year project to replace the water system at the Johnson Space Center (JSC). JSC desired to separate their potable water, fire water, and irrigation water into three separate systems. CobbFendley performed a study that modeled the existing water system and its flows using WaterCAD and produced models of the three proposed systems. This work included performing an analysis of the existing buildings to estimate water usage demands to size the new services. With the recommendations from the study, CobbFendley designed a new potable water system as the first phase of construction for this water system replacement project. This project included approximately 40,000 linear feet of new water line ranging from 8- to 12-inches and more than 100 commercial water meters.



Upon completion of the first phase, a new fire water system was designed and construction is currently underway. The new fire water system includes approximately 65,000 linear feet of new fire water line ranging from 8- to 12-inches as well as the replacement of fire hydrants and fire service connections throughout JSC. The design and construction of a new irrigation system that will use treated effluent from a nearby waste water treatment plant for irrigation of the major improved lawns and landscaping at JSC is currently pending, awaiting funding.

Estimated Completion Date:
December 2012