

May 23, 2011

Sally Ellertson
Public Information Officer
141 West Renfro
Burleson, Texas 76028-4261
817-426-9622
F: 817-426-9390
sellertson@burlesontx.com
www.burlesontx.com

On May 16, Burleson City Council members awarded the bid for the construction of the Upper Pressure Plane to Lower Pressure Plane transfer valve project to Circle H Contractors, L.P., of Midlothian. The contract is for \$83,500. Previous bond sale proceeds will be used to fund the construction.

Council adopted an updated Water and Wastewater Master Plan in November 2010. That plan identified and prioritized the capital improvement projects that need to be completed to meet the water demands for the next 20 years. The ability to transfer the water supply from the Upper Pressure Plane to the Lower Pressure Plane was at the top of the list. The transfer valve project will be constructed at two locations, Hwy. 174 at Hulen Street and on City-owned property where the Turkey Peak elevated storage tank is located.

City staff is already making modifications to existing valves and piping at Turkey Peak, but to complete the transfer point at Hwy. 174 and Hulen Street requires a contractor who can relocate an existing 16-inch pressure reducing valve, construct a new valve vault, modify the monitoring system, and relocate existing water mains near the Hulen Street site.

The Water and Wastewater Master Plan addresses current issues as well as planning for future development. Several big ticket projects include a 5.0 million gallon per day water pump station and a 1.0 million gallon elevated water storage tank, as well as the associated transmission main lines. Both projects will serve the lower pressure plane. The city is divided into three pressure planes - a lower pressure plane, an upper pressure plane, and the Mountain Valley pressure plane. The lower pressure plane covers the majority of the city.

While creating the recently adopted Water and Wastewater Master Plan, staff evaluated several options regarding pumping capacity expansion. The City of Burleson gets its water from the City of Fort Worth. Burleson currently uses all available water from the City of Fort Worth at the Alsbury point of service, limiting the increase of flow from this site even with a pump station expansion. Rather than building an additional transmission main from Fort Worth to add flow to this site, staff elected to construct the additional pumping capacity at the existing Hulen Street point of service site which has available capacity from Fort Worth. This option costs less and adds flexibility to Burleson's water system operations, improving service to Burleson residents. Construction of the proposed elevated storage tank will add fire flow reliability and peak water usage pressure management.