



It's real.

MEMORANDUM

To: Mayor and City Council Members
Douglas Faseler, City Manager

From: Emery E. Gallagher, Director of Water and Wastewater Utilities

Through: Rick Cortes, Assistant City Manager

Subject: Additional Funding for Engineering Services at Walnut Branch WWTP

Date: March 16, 2017

In an effort to maintain our fiscal responsibility and to ensure that structures built now and in the future will operate properly and in conjunction with proposed expansions of the Walnut Branch Wastewater Treatment Plant (Walnut Branch WWTP), staff requested additional engineering services from TRC engineering. These additional services are beyond the design and preparation of construction documents, and bidding and administration as outlined in the original scope of work. The additional work includes a detailed study for means to expand the plant's flow from the current 4.9 mgd to 7.5 mgd (phase 1) and ultimately to 9.8 mgd (phase 2).

This study will allow projects planned in the near future will work seamlessly with Walnut Branch WWTP projects planned beyond the City's Five Year CIP. Projects planned within this CIP cycle include a new 100ft. final clarifier, new RAS/WAS pump station, clarifier flow split box modifications, existing RAS system modifications, aeration gate replacement modifications, primary clarifier sludge pump station modification, new primary scum pump, and yard piping and electrical.

The addition engineering cost for these engineering services will be approximately \$180,000.00, this would ensure all structure designed today would operate properly when each phase is develop for future expansion. Staff recommend approval.