MEMORANDUM

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

From: Emery E. Gallagher, Director of Water/Wastewater Utilities
David Rabago, Utility Engineer

Through: Rick Cortes, Assistant City Manager

Subject: Wastewater Collection System Study Engineering Proposal

Date: May 28, 2015

Due to the increase in requests for sanitary sewer impacts, based on potential future development, staff in a proactive measure to identify wastewater-system infrastructure needs as development occurs throughout the City of Seguin, has requested a proposal from T.R.C. Solutions, to prepare a Wastewater Collection System Study.

The scope of the project will include but is not limited to the following:

- Prepare collection system map, delineating age of infrastructure, CCN, City limits, and treatment plant divides.
- Determine areas of future growth
- Determine capacity and treatment capabilities of existing treatment plants
- Determine if major collection system trunk mains within the City are sufficient for future growth based on proposed land use assumptions
- Lift Station review to include
    - Current Capacity issues
    - Future Capacity issues
    - Condition
    - TCEQ Deficiencies
- Provide a report summarizing the results of the Study
- Design third pump at the Mill Creek Lift Station

This study will allow staff to better project wastewater infrastructure needs based on pending growth within our Wastewater CCN, and help the City's long-range wastewater development by determining the City's needs for infrastructure improvements and identifying wastewater mains that need to be enlarged or improved.

Staff is requesting City Council award the Wastewater Collection System Study to T.R.C Solutions, in amount of $ 97,260. A budget amendment for this project will be required; funding for this project will come from the City of Seguin Sewer Impact Fund.

Staff will be available to answer any questions at the June 2, 2015 Council Meeting.