



LETTER OF AGREEMENT WITH PIPELINE
ANALYSIS, LLC FOR WASTEWATER FLOW
MONITORING STUDY

RS-23-049

March 7, 2023

Background and Findings

- In 2009, Pipeline Analysis, LLC completed the last citywide wastewater flow monitoring study, which became the foundation of a ten-year sanitary sewer overflow initiative (SSOI) with Texas Commission on Environmental Quality (TCEQ).
- Killeen's SSOI included the rehabilitation of 2,281 manholes and 91,400 feet of wastewater mains resulting in a SSO reduction from 95 in 2010 to 8 in 2022.
- Staff now recommends continuing the success of the initial SSOI as part of Project 9S from the 2019 Water and Wastewater Master Plan and was approved in the FY 23 CIP Budget.

Background and Findings Cont.

- This new series of wastewater rehabilitation projects, will begin with a citywide wastewater flow monitoring study; providing a complete dry and wet weather flow assessment of the wastewater collection system.
 - ▣ Wastewater flow monitoring at 26 sites with pipeline capacity
 - ▣ Temporary rainfall monitoring at 8 sites
 - ▣ Analysis of systemwide infiltration/inflow
 - ▣ Comparison with previous flow monitoring study
- Pipeline Analysis, LLC has submitted a professional services agreement in an amount not to exceed \$352,589.

Alternatives

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- Do not authorize the letter of agreement with Pipeline Analysis; this will delay future evaluation and rehabilitation of the wastewater collection system.
- Authorize the letter of agreement with Pipeline Analysis in an amount not to exceed \$352,598.

Recommendation

- City Council authorize the City Manager, or designee, to execute a Letter of Agreement with Pipeline Analysis, LLC for a Wastewater Flow Monitoring Study, in the amount not to exceed \$352,589 and authorize the City Manager, or designee, to execute any and all change orders within the amounts set by State and Local law.