

# STAFF REPORT



**SUBJECT:** FY 2021-2022 Sanitary Sewer Basin 1 Evaluation Survey  
Professional Services Agreement

**MEETING:** Public Works Committee - 16 Nov 2021

**DEPARTMENT:** Public Works

**STAFF CONTACT:** Nick Williams

## RECOMMENDATION:

Staff recommends approval of the proposed professional services agreement with Pipeline Analysis, LLC. to perform an Evaluation of Sanitary Sewer Basin One as allocated in the FY 21-22 budget.

## BACKGROUND:

The City of Stephenville entered into a Sanitary Sewer Overflow Agreement with the Texas Commission on Environmental Quality in 2009. Terms of participation require the city to conduct an evaluation of the sanitary sewer collection system. In exchange for participation, the TCEQ withholds formal enforcement of penalties associated with Notices of Violation.

The TCEQ defines a sanitary sewer overflow as “an unauthorized discharge of untreated wastewater from a collection system or its components (e.g., manhole, lift station, or cleanout) prior to reaching a treatment facility.” Overflows normally occur due to structural blockages such as debris, offset joints or partially collapsed lines. Maintenance-related issues such as root intrusion, sedimentation, and grease build-up are also significant contributors to overflow events.

Eight of the ten basins identified have been previously evaluated. Pipeline Analysis has performed the previous evaluations of the sanitary sewer collection system.

## PROPOSAL:

Attached is a proposal from Pipeline Analysis, LLC., a firm specializing in wastewater collection systems, to provide a Sanitary Sewer Evaluation Survey of collection Basin One. The work will include dye testing, closet-circuit televising and manhole inspections to identify areas of deficiency within the basin, including undersized lines, failing infrastructure and potential and existing, partial line blockages as well as provide an analysis of inflow and infiltration.

The results and recommendations will be summarized to provide a listing of problematic areas. The cataloged results will be used to further identify and prioritize capital improvement plans within the basin.

The proposal sets a 180 calendar day agreement duration and, under Section 3.2, provides a liquidated damages clause to address and encourage adherence to the allotted time schedule.

## FISCAL IMPACT SUMMARY:

The FY 21-22 adopted budget allocated \$34,00.00 to complete a sanitary sewer evaluation survey for Sewer Basin One. The agreement proposes to complete the project for \$34,000.00.

A moderate amount of staff time will be required to administer the agreement and coordinate the work.

## ALTERNATIVES:

The following alternatives are provided for council consideration:

1. Do not approve the proposal as presented;
2. Recommend an alternate firm.

## ADVANTAGES:

Approval of the agreement satisfies state evaluation criteria and provides for the budgeted work to be completed under budget.

## DISADVANTAGES:

There are no disadvantages identified with approval of the agreement.

## ATTACHMENTS:

[Basin 01 – Proposed Agreement](#)