



Agenda Memorandum

Agenda Item – {{section.number}}.D.

City Council Meeting
May 12, 2025



Strategic Priority 5: Resilient Infrastructure

Maintain and invest in resilient infrastructure that creates the highest return for safety, community connectivity, enjoyment of life, and local economic success.

Subject: Authorize the City Manager to Execute a Sole Source Contract with ADS Environmental Services, LLC for the Purchase and Installation of 18 ADS Flow Monitors and Execute a Sole Source Agreement with ADS Environmental Services, LLC for Annual Service Operation and Maintenance

Prepared By: Andrew Walsh, Principal Engineer

Recommended City Council Action:

Authorize the City Manager to execute a sole source contract with ADS Environmental Services, LLC for the purchase and installation of 18 ADS flow monitors in the amount of \$275,150 and authorize the City Manager to execute a sole source agreement with ADS Environmental Services, LLC for annual service operation and maintenance in the amount of \$30,400.

Summary Statement:

- The City has over 400 miles of pipe in the sanitary sewer collection system that require continuous observation and maintenance to ensure proper operation. Public Works and Utilities (PWU) currently has 20 flow monitoring devices manufactured by ADS Environmental Services, LLC (ADS) installed in Big Dry Creek (BDC) interceptor sewers. The City uses the data from these flow monitors to evaluate system capacities, especially in problematic sewers, and monitor potential risks for backups.
- The flow data collected has provided valuable insight into the sanitary sewer system capacity. PWU would like to purchase and install 18 additional flow monitors from ADS at strategic locations in both BDC and Little Dry Creek (LDC) sewers. Data from the additional flow monitors will be used to calculate flows throughout the collection system and calibrate the hydraulic model with greater accuracy. This information will be used to better understand system capacity constraints to support the prioritization of future sewer projects.
- A sole source agreement with ADS is requested to purchase, install, operate, and maintain the flow meters, as this will provide the best value to the City by leveraging existing equipment and data collection software across the system.

- Funds were appropriated in 2024 for the Sanitary Sewer Master Plan and will be used to purchase and install the flow monitors and fund the annual service, operation, and maintenance contract.

Fiscal Impact:

\$305,550 in expenditures

Source of Funds:

Utility Fund - Sanitary Sewer Master Plan

Policy Issue(s):

Should City Council authorize a sole source contract with ADS for the purchase and installation of 18 flow monitors and for an annual service, operation, and maintenance contract?

Alternative(s):

City Council could choose not to authorize a sole source contract with ADS, but this alternative is not recommended as the flow monitors and services contract will provide data critical to understanding system capability, subsequently providing reliability to the ongoing operation and maintenance of the City's sanitary sewer collections system.

Background Information:

To evaluate sewer capacities with greater accuracy across the entire sewer collection system, PWU would like to purchase and install 18 additional flow monitors from ADS and disperse them in both the BDC and LDC sewer basins. Flow data will again be obtained using the Prism software to calculate system capacities. Because the monitors will be placed at strategic locations, flow data can be used to calibrate the sewer hydraulic model and provide optimal results.

An agreement with ADS for annual service, operation, and maintenance of existing and newly purchased flow monitors is included in this contract for City Council approval. The service contract with ADS provides maintenance services to confirm the flow monitor operation and ensure monitor reliability. Use of the Prism software is included with the service contract, as well as coverage to replace some batteries.

Funds were appropriated in 2024 for the Sanitary Sewer Master Plan. A sole source contract will be utilized to purchase and install the flow monitors and fund the annual service, operation, and maintenance contract.

The City's Strategic Priority for Resilient Infrastructure is met by investing in equipment to monitor the City's sanitary sewer infrastructure and improve its reliability.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "Dan", written in a cursive style.

Jody L. Andrews
City Manager

Attachments:

Attachment 1 - Contract with ADS Environmental Services, LLC