

# Mayor and Council Communication

**DATE:** 01/28/25

**M&C FILE NUMBER:** M&C 25-0089

**LOG NAME:** 60PFASTREATMENTSTUDYA3-BROWN AND CALDWELL

**SUBJECT**

(ALL) Authorize Execution of Amendment No. 3 to an Engineering Agreement with Brown and Caldwell in the Amount of \$654,588.00, for a Revised Contract Amount of \$9,348,067.00, for the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study Project and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to Fiscal Years 2025-2029 Capital Improvement Program

**RECOMMENDATION:**

It is recommended that the City Council:

1. Authorize execution of Amendment No. 3 to City Secretary Contract Number 60733, an engineering agreement with Brown and Caldwell, in the amount of \$654,588.00, for a Revised Contract Amount of \$9,348,067.00 for the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study project; and
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$654,588.00, from available PayGo residuals within the Water and Sewer Capital Projects Fund, for the purpose of funding the Emerging Contaminants Per- and Polyfluoroalkyl Substances Treatment Study project (City Project No. 104942) to effect a portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program.

**DISCUSSION:**

The United States Environmental Protection Agency's (USEPA) ruling for regulating Maximum Contaminant Levels and Hazard Index for Per- and Polyfluoroalkyl Substances (PFAS) in drinking water has prompted the Water Department to formulate plans to monitor potential sources and reduce PFAS levels through source identification and treatment (if necessary). Prior to the adoption of USEPA's final rules, the Water Department initiated testing of multiple sources including raw water, sewer, and drinking water to better understand the full water life-cycle challenge in removing these contaminants. Through early testing, staff determined that additional advanced treatment may be needed at the drinking water treatment plants in order to comply with the proposed PFAS regulations.

On December 12, 2023 Mayor & Council Communication (M&C 23-1075), the City Council authorized execution of an engineering agreement with Brown and Caldwell in the amount of \$1,304,303.00 to conduct systematic sampling and testing of the water through various phases of the treatment process to help determine the optimal treatment strategy for reliable and economical removal of PFAS. Sampling has been conducted from all existing raw water sources and from various stages at all five City water treatment plants. The results will affect all existing and future customers. On June 11, 2024 (M&C 24-0513), the City Council authorized Amendment No. 1 to the engineering agreement in the amount of \$1,797,323.00, for additional engineering design services. On December 10, 2024 (M&C 24-1132), the City Council authorized Amendment No. 2 to the engineering agreement in the amount of \$5,591,853.00, for additional engineering design services.

Amendment No. 3 will provide funding to identify treatment options and a final design for a treatment system to remove PFAS from wastewater at the City-owned Fort Worth Southeast Landfill. Wastewater from the facility was identified as a point source of wastewater containing PFAS and discharged into the collection system. Anticipated benefits of this project include the reduction of PFAS in wastewater treatment plant influent, effluent, and biosolids, as well as providing a demonstration facility that Fort Worth can showcase to other industries, both local and regional, that have high levels of PFAS in their wastewater as they evaluate PFAS reduction and removal options. Amendment 3 will provide for treatment technology review, selection of the treatment technology, and design of a leachate treatment facility capable of removal of PFAS.

It is the practice of the Water Department to appropriate its CIP plan throughout the Fiscal Year (FY), instead of within the annual budget ordinance, as projects commence, additional funding needs are identified, and to comply with bond covenants. The actions in the M&C will appropriate funds in support of the Water's portion of the City of Fort Worth's Fiscal Years 2025-2029 Capital Improvement Program, as follows:

Capital Fund Name	Project Name	FY2025 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2025 Budget

Fund 56002 - Water & Sewer Capital Project	104942 - Emerg. Cont. PFAS Trtmnt Study	\$0.00	M&C 24-1132	\$5,591,853.00	\$5,591,853.00
Fund 56002 - Water & Sewer Capital Project	104942 - Emerg. Cont. PFAS Trtmnt Study	\$5,591,853.00	This M&C	\$654,588.00	\$6,246,441.00

Funding is available from PayGo residuals within the Unspecified-All Funds project within the Water & Sewer Capital Projects Fund for the purpose of funding the Emerging Contaminants PFAS Treatment Study project.

Funding for the Emerging Contaminants PFAS Treatment Study project is depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
Fund 56002 – W&S Capital Project	\$8,718,479.00	\$654,588.00	\$9,373,067.00
<b>Project Total</b>	<b>\$8,718,479.00</b>	<b>\$654,588.00</b>	<b>\$9,373,067.00</b>

\*Numbers rounded for presentation purposes.

BUSINESS EQUITY OFFICE: Brown and Caldwell agrees to maintain its initial M/WBE commitment of 14% that it made on the original agreement and extend and maintain that same M/WBE commitment of 14% to this amendment. Therefore Brown and Caldwell remains in compliance with the City's M/WBE Ordinance and attests to its commitment by its signature on the Acceptance of Previous M/WBE Commitment form executed by an authorized representative of its company.

This project is located in ALL COUNCIL DISTRICTS.

**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are currently available from PayGo residuals within the Unspecified-All Funds project within the W&S Capital Projects Fund and upon the approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Capital Projects Fund for the Emerg. Cont. PFAS Trtmnt. Study project to support the above recommendations and execution of the engineering agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

**Submitted for City Manager's Office by:** William Johnson 5806

**Originating Business Unit Head:** Chris Harder 5020

**Additional Information Contact:** Jerry Pressley 8257  
Julie Perez 8226