

# Mayor and Council Communication

**DATE:** 12/12/23

**M&C FILE NUMBER:** M&C 23-1075

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

**SUBJECT**

(ALL) Authorize Execution of an Engineering Agreement with Brown and Caldwell in the Amount of \$1,304,303.00 for the Emerging Contaminants PFAS Treatment Study Project and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to Fiscal Years 2024-2028 Capital Improvement Program

**RECOMMENDATION:**

It is recommended that the City Council:

1. Authorize execution of an engineering agreement with Brown and Caldwell in the amount of \$1,304,303.00 for Emerging Contaminants PFAS 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 \$1,329,303.00, from available funds within the Water & Sewer Capital Projects Fund, for the purpose of funding the Emerging Contaminants PFAS Treatment Study project (City Project No. 104942) to effect a portion of Water's Contribution to the Fiscal Years 2024-2028 Capital Improvement Program.

**DISCUSSION:**

The United States Environmental Protection Agency's (USEPA) proposal for regulating Maximum Contaminant Levels and Hazard Index for 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). The Water Department has already 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 has determined that additional advanced treatment may be needed at the drinking water treatment plants in order to comply with the proposed PFAS regulations.

This Mayor and Council Communication (M&C) is to authorize Brown and Caldwell 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 will be 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

In addition to the contract amount, \$25,000.00 is required for material testing. This project will have no impact on the Water Department's operating budget when completed.

It is the practice of the Water Department to appropriate its CIP plan throughout the Fiscal Year, 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 2024-2028 Capital Improvement Program, as follows:

Capital Fund Name	Project Name	FY2024 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2024 Budget
Fund 56002 Water & Sewer Capital Project	104942 Emerg. Cont. PFAS Trtmnt Study	\$0.00	This M&C	\$1,329,303.00	\$1,329,303.00

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

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

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<b>Fund</b>	<b>Existing Appropriations</b>	<b>Additional Appropriations</b>	<b>Project Total*</b>
Fund 56002 – W&S Capital Project	\$0.00	\$1,329,303.00	\$1,329,303.00
<b>Project Total</b>	<b>\$0.00</b>	<b>\$1,329,303.00</b>	<b>\$1,329,303.00</b>

\*Numbers rounded for presentation purposes.

BUSINESS EQUITY OFFICE: Brown and Caldwell is in compliance with the City's Business Equity Ordinance by committing to 14 percent MWBE participation on this project. The City's MWBE goal on this project is 7 percent.

This project is located in ALL COUNCIL DISTRICTS.

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**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are currently available in 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 Emerging Contaminants PFAS Treatment 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.

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