



MEMORANDUM

P.O. Box 4100 ♦ FRISCO, COLORADO 80443

TO: MAYOR AND TOWN COUNCIL
FROM: JEFF GOBLE, PUBLIC WORKS DIRECTOR
**RE: RESOLUTION 21-26; APPROVAL OF CONTRACT WITH PLUMMER & ASSOCIATES FOR
THE DESIGN & PERMITTING OF PFAS TREATMENT AT WELL #7**
DATE: NOVEMBER 30, 2021

Summary and Background: Back in the spring of 2020, The Town signed up with the Colorado Dept. of Public Health for voluntary sampling to study the presence of PFAS (Per-and Polyfluoroalkyl Substances) in drinking water throughout the state. The first round of PFAS sampling was conducted by CDPH&E on April 15, 2020. The results of those samples indicated that PFAS were detected in Well #7, while all other town sources of water tested free of PFAS. On May 13, 2021, the Town itself, performed another round of sampling to better understand the effects of PFAS in Well #7 on the water distribution system as a whole. Results showed that the further you got away from Well #7 within the distribution system, the levels of PFAS delivered at the tap were far reduced due to the blending with three other sources.

Analysis: Currently, the USEPA is studying the health effects of PFAS in drinking water and have issued a health advisory for two members of the PFAS family, PFOA & PFOS. Staff is confident that once the USEPA completes their studies, they will impose a maximum contaminate level allowed that will likely be below or near current levels found. These new regulations are anticipated to be finalized in 2023.

The results of our sampling showed that PFOA & PFOS were the prevalent types of PFAS in Well #7. Due to the known and unknown health effects as well as the pending regulation of these substances, Town staff began to discuss the design and permitting of a treatment system to remove the PFAS in our water with our contract water engineers, Plummer & Associates. Due to the fact that Plummer & Associates designed, permitted and assisted in the construction of Well #7, it would be in the Town's best interest to enter into a sole source contract with them for the design and implementation of a new PFAS treatment system.

The design of this system will be based on the goal of achieving a "non-detect" level for all PFAS after treatment. By achieving this goal, we will satisfy any regulation that may be imposed in the future as well as continue to provide the highest quality drinking water possible.

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Financial Impact: The cost of this contract task order is not to exceed \$163,124.19. This expenditure will result in a complete design and permitting of the new PFAS treatment system at Well #7 that the Town can then put out to bid for construction during the 2023 building season.

Funding for this design project was not anticipated during the 2022 budget discussions and as such, Council will need to authorize a budget amendment to the 2022 Water Capital Fund (40-4000-4444) in the amount of \$165,000.

Staff's current rough estimate for the installation of the PFAS removal system is anywhere from \$1.5 million to \$2 million. Please understand that these are very rough estimates at this time and will be refined as design continues. Our goal is to have a more refined estimate after design is complete and request funding for construction be considered in the 2023 budget discussions.

Staff is investigating other Federal and State funding sources, possibly through the recently passed Infrastructure Bill, which contains funding for PFAS treatment. We will continue to watch this closely and apply for any funding that becomes available.

Alignment with Strategic Plan: This project aligns with the Quality Core Services of the Town's Strategic Plan by enhancing and continuing to provide the highest quality, safest and most dependable drinking water possible.

Environmental Sustainability: This project has environmental benefits as it will mitigate PFAS contamination in the water cycle by removing it from a source water.

Staff Recommendation: Based on the information contained in this report, it is recommended the Town Council pass a motion to approve Resolution 21-26 and authorize a budget amendment to the 2022 Water Capital Fund (40-4000-4444), in the amount of \$165,000.

Approved By:

Tony O'Rourke, Town Manager

Leslie Edwards, Finance Director

Attachments:

Attachment 1 – Resolution 21-26

Attachment 2 – Contract Documents

Attachment 3 – PFAS Testing Results