

AGENDA ITEM #: \_\_\_\_\_

DATE: November 16, 2020

CAR #: 2020-7095



## CITY COUNCIL ACTION REPORT

**SUBJECT:** Site 13 & 23 TTHM Mitigation Expenditure Authority and Related Budget Transfer

**STAFF PRESENTER(S):** Barb Chappell, P.E., Deputy Public Works Director  
Chris Hamilton, P.E., Utilities Engineer

**OTHER PRESENTER(S):** None

**Summary:** Request City Council to approve the expenditure of \$1,414,300 of FY2021 funds for fees, construction, and equipment for the Goodyear Site 13 & 23 Total Trihalomethane (TTHM) Mitigation (project 60005), using water operating and water bond funds. This total expenditure includes a transfer of \$164,700 from savings in the Site 13 Hydro Tank Replacement (project 60050) in order to accomplish additional needed work.

**Recommendation:**

Approve expenditure of funds up to \$1,414,300 for fees, construction, and equipment for completion of the Goodyear Site 13 & 23 TTHM Mitigation and related budget transfer.

**Fiscal Impact:** The FY2021 budget for the Site 13 & 23 TTHM Mitigation (project 60005) is \$2,236,000. Design and preconstruction costs have totaled \$986,400. The needed improvements require an additional \$164,700, which are being requested as a budget transfer from savings in the project for Site 13 Hydro Tank Replacement (project 60050). Below is a breakdown of the project costs and proposed additional funding:

Original Site 13 & 23 TTHM Mitigation (project 60005) Project Budget	\$2,236,000
Approved Design and Post Design Services Jacobs Contract on May 14, 2020	(\$495,000)
Approved Phase I Long Lead Items MGC Contract on August 10, 2020	(\$491,400)
Budget Transfer from Site 13 Hydro Tank Replacement (project 60050)	\$164,700
Remaining Budget Available for Authorization	\$1,414,300

## **Background and Previous Actions**

Per City of Goodyear Resolution 08-1255, all expenditures of budgeted funds in excess of \$500,000 must obtain council approval. This Site 13 & 23 TTHM Mitigation project was approved as a FY2021 CIP project.

The expected addition of surface water from the new treatment plant in 2021 requires improvements to storage facilities where the water is typically stored for extended periods of time. These improvements help maintain water quality requirements. The improvements need to be in place before the new Surface Water Treatment Facility is complete to ensure compliance with the Disinfection Byproducts Rules.

In 2016, repairs were done to the reservoir floor to extend its life. Staff projected a five to ten year lifespan for these repairs. A recent inspection has found initial signs of failure in the tank's floor.

## **Staff Analysis**

The current project requires the tank be emptied which presents an ideal opportunity to replace the tank floor at the same time. Completing this work while the tank is down to install the water quality equipment is being installed was deemed the best overall approach. This strategy will avoid a second extended shutdown in the near future and will not impact the project schedule.

## **Attachments**

None