



STAFF REPORT UTILITIES COMMISSION

Agenda Date: 6/5/2024
Agenda Section: Information Only

Department Origination: Public Works

Agenda Item: 2024 Water System Hydraulic Model Update and Water System 20-Year Use Projections Project

Approval Required: No Action Required

BACKGROUND

Work related to the 2024 Water System Hydraulic Model Update and Water System Planning has been initiated with work being completed on Phase 1 (Water Model Update & Operational Verification). City staff is helping gather historical data and records that will inform the water model update as well as the system planning elements related to historical demand and billing records. This is the first step in developing the tools that will be used for the purpose of system modeling and planning.

Water Use Records: City staff has provided historical water billing records and pumping records. These will be used to analyze historical trends and provide updated water user projections.

Water System Facility Data: City staff is in the process of gathering current system mapping data (GIS) and other facility records which will be incorporated into the updated water model.

Next Steps: Once the system model is updated with the data above, field testing will commence to inform the calibration and verification of the model for purposes of system analysis.

FINANCIAL IMPLICATIONS

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STAFF RECOMMENDATIONS

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COUNCIL ACTION REQUESTED

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