



AGENDA ACTION FORM

Consideration of a Resolution to Enter into an Engineering Agreement with Hazen and Sawyer for Water Model Update and Master Plan Assistance

To: Board of Mayor and Aldermen
From: Chris McCartt, City Manager *CM*

Action Form No.: AF-169-2024
Work Session: June 17, 2024
First Reading: N/A
Final Adoption: June 18, 2024
Staff Work By: Chad Austin
Presentation By: Ryan McReynolds

Recommendation:

Approve the Resolution.

Executive Summary:

Master planning is an essential part of our strategic plan in order to ensure capacity, avoid emergencies and plan for upcoming regulations. Our last master plan for the water system was completed in 2011. We are still working on many items in that plan but need to address some other items in order to keep the plan up to date. We would like to continue our master planning by working with the consultant who completed the previous master plan.

The Utilities Department is requesting to enter into an engineering agreement with Hazen and Sawyer to provide assistance for the following tasks as part of our master plan update:

- Water System Model Update - use updated customer usage data and GIS updates to calibrate the City's systemwide water model. This will allow us to strategically plan system improvements based on known possible developments and 20-year growth predictions.
- Water Pump Station Condition Assessment – visit all major water pump stations to assess their condition, review capacity information, risk of failure, and identify major improvements required at each station.
- LCRI (Lead & Copper Rule Improvements) Assistance – perform a desktop corrosion control evaluation of the water treatment plant and distribution system to ensure full compliance with regulations.

City staff has reviewed the engineering agreement and recommend awarding the contract to Hazen and Sawyer in the amount of \$276,000. Funding is available in WA2409.

Attachments:

1. Resolution
2. Engineering Agreement

	<u>Y</u>	<u>N</u>	<u>O</u>
Cooper	—	—	—
Duncan	—	—	—
George	—	—	—
Montgomery	—	—	—
Olterman	—	—	—
Phillips	—	—	—
Shull	—	—	—