

City of Hesperia

STAFF REPORT



DATE: October 21, 2025
TO: Chair and Board Members, Hesperia Water District
FROM: Rachel Molina, City Manager
BY: Cassandra Sanchez, Director of Public Works / City Engineer
Jeremy McDonald, Water Operations Manager
SUBJECT: General Pump Company Contract Amendment

RECOMMENDED ACTION

It is recommended that the Chair and Board of Directors of the Hesperia Water District (HWD) authorize the City Manager to approve an amendment of \$700,000 to the existing contract with General Pump Company, for a revised not-to-exceed contract amount of \$2,365,032, and adopt Resolution HWD 2025-12 amending the Fiscal Year (FY) 2025-26 Budget by an additional \$607,000 for water well maintenance, repair services, and repairs to Well 14A and 5A.

BACKGROUND

The Hesperia Water District currently maintains fifteen (15) active wells and one (1) standby well that supplies potable water to its citizens. At the City Council meeting on October 1, 2024, staff proposed a contract amendment in the amount of \$1,500,000 to rehabilitate five wells, which was funded by the American Rescue Plan Act (ARPA). To date, General Pump Company has completed two of the five rehabilitations.

Upon removing the components during each rehabilitation, a video inspection is performed to inspect the condition of the casing pipe, which provides structural integrity to the drilled hole and allows for the passing of water into the pump. During the video inspection performed at Well 5A, it was determined the casing pipe is severely corroded and at a high risk of failure. General Pump Company has recommended the installation of a new casing pipe of a smaller diameter which can be inserted within the existing pipe. The void created between the new and existing pipe is filled with gravel to provide additional structural integrity should the existing pipe catastrophically fail. It is expected that the installation of the new liner will prolong the life of the well an additional forty years.

On September 3, 2025, Well 14A stopped production although all above ground mechanical and electrical components were found to be functioning properly. This type of condition is indicative of a broken coupling along the drive shaft which couples the motor to the pump. General Pump Company removed all mechanical components and confirmed this was the cause of failure. The physical inspection of the pump, column pipe, and drive shaft determined excessive wear and pitting of metallic surfaces. General Pump Company recommends the replacement of the components due to the condition and age. The video inspection concluded that the casing pipe is in satisfactory condition and does not require attention.

Out of the District's fifteen active sources, Wells 5A and 14A rank third and fourth in terms of gallons per minute. This metric is an industry standard used to quantify production.

ISSUES/ANALYSIS

Staff estimated that each well associated with the ARPA project would cost approximately \$300,000 to rehabilitate based upon historical trends. Due to the deteriorated casing pipe, additional funding is needed for the installation of the liner at Well 5A.

The FY 2025-26 Budget does not include funding for the emergency repair of Well 14A. Each year, an amount of \$50,000 is budgeted for the minor repair of wells, booster pumps, and related appurtenances. Should a well require significant repairs, staff seeks Board approval on an as needed basis.

CITY GOAL

Public Safety - Ensure public safety resources adequately protect our community.

Financial Health - Maintain a balanced budget and adequate reserves.

FISCAL IMPACT

Funding for the repair of Wells 5A and 14A is not available within Fund 700 (Water Operating). Therefore, staff is requesting from the Board of Directors to increase the Water Capital Fund 703 Budget by \$607,000 via Resolution HWD 2025-12, which will be funded from District reserves.

ALTERNATIVE(S)

1. Provide alternative direction to staff.

ATTACHMENT(S)

1. Resolution HWD No. 2025-12