



DATE: June 22, 2021

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Well Abandonments 10, 17, and 20, Project 19-39 – Approve Plans and Specifications and Authorize Bidding**

RECOMMENDATION

1. Approve plans and specifications for Well Abandonments 10, 17, and 20, Project 19-39, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the bid is within the project budget.

BACKGROUND

The City owns seven potable groundwater supply wells distributed throughout the City's water service area. Four wells (19, 21, 22, and 23) are currently active. The remaining three wells (10, 17, and 20) have reached the end of their useful lives due to mechanical issues and low production and are out of service. Well 10, located near the Central Expressway and Rengstorff Avenue intersection, was constructed in 1956 and placed out of service in 2008; Well 17, located at Rengstorff Park (see Figure 1), was constructed in 1960 and placed out of service in 2014; and Well 20, located near the Alice Avenue and Moorpark Way intersection, was constructed in 1985 and placed out of service in 2011. A location map showing these three wells is provided in Figure 2.



Figure 1: Well 17 at Rengstorff Park

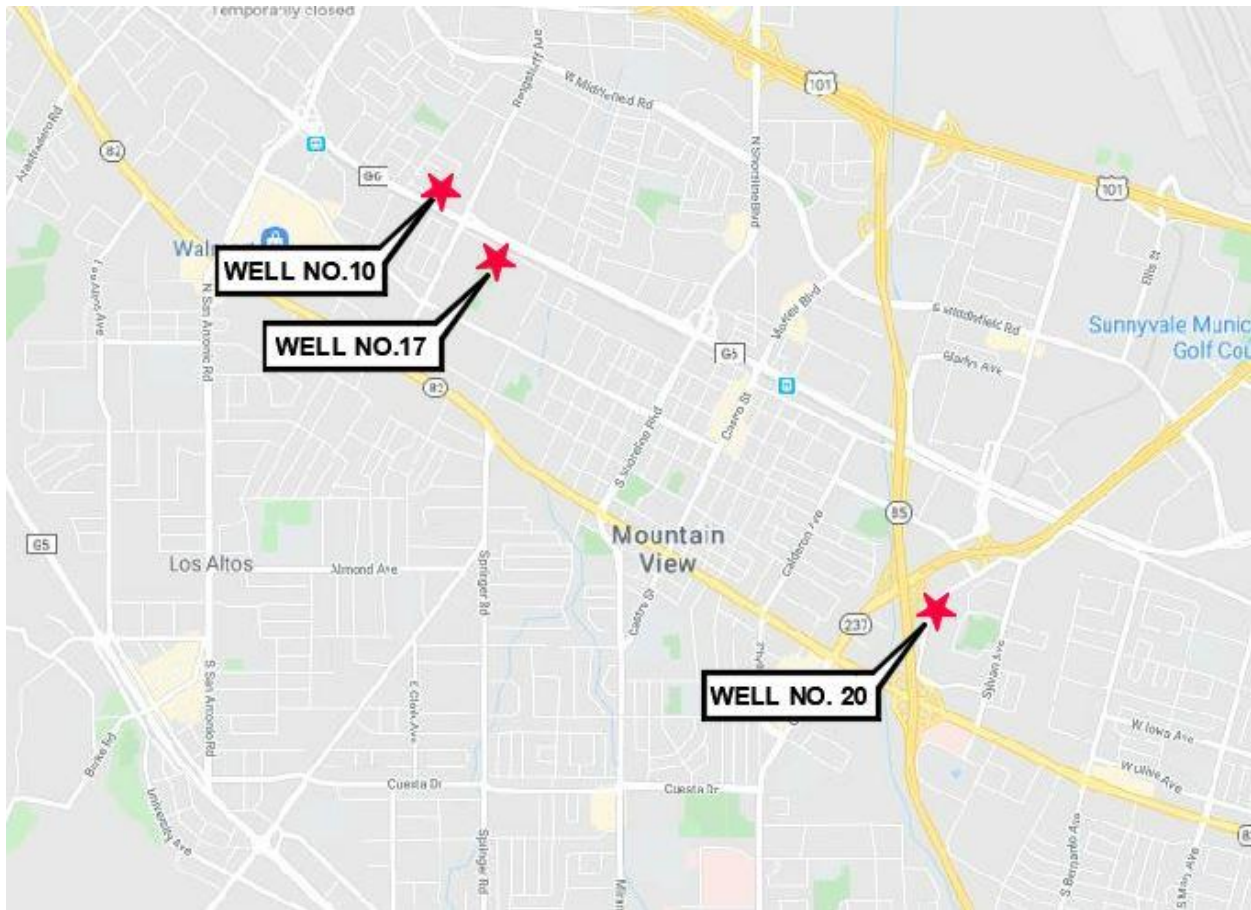


Figure 2: Location Map

Although Wells 10, 17, and 20 are no longer active, each well must be destroyed according to all applicable local and State regulations. Valley Water (formerly the Santa Clara Valley Water District) regulates well systems, including the construction and destruction of water wells in Santa Clara County. The work for these sites includes:

- Submission of Permit Applications to Valley Water;
- Removal of Generators at Well 10 and Well 20;
- Destruction of Well Pedestals and Appurtenances;
- Placement of Sealing Material in Well;
- Site Cleanup and Restoration; and
- Submission of Well Completion Report and Records.

ANALYSIS

The project proposes the abandonment of three municipal water wells (10, 17, and 20); removal of well site piping, equipment, and appurtenances; and restoration of the well sites. The purpose of this work is to properly seal the wells, thereby preventing vertical movement of water between the aquifers penetrated by these wells to the ground surface. The City is currently evaluating the construction of additional wells to improve groundwater pumping supplies.

Plans and specifications for the project are complete and available for viewing in the Public Works Department.

If Council approves the recommended actions and a responsive bid within the project budget is received, construction is anticipated to begin in summer 2021 and be completed by the end of 2021. Advance public noticing will occur prior to and during construction.

Environmental Clearance

In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as alteration of existing public utility systems.

FISCAL IMPACT

The estimated project cost is as follows:

Construction	\$365,000
Construction Contingency	37,000
Project Management and Inspection	100,000
Consultant Services	100,000
Miscellaneous (including permitting)	<u>8,000</u>
Subtotal	\$610,000
City Administration	<u>40,000</u>
TOTAL PROJECT COST ESTIMATE	<u>\$650,000</u>

Well Abandonments 10, 17, and 20, Project 19-39, is funded with \$650,000 from the Water Fund. There is sufficient funding available in the project budget.

ALTERNATIVES

1. Do not approve the recommended actions and place the project on hold.
2. Provide other direction.

PUBLIC NOTICING

Agenda posting. Notices were sent to property owners near the project site, and an announcement was posted on the City's website.

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949-06-22-21CR
201121

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