



April 1, 2022

Dear Neighbor;

RE: Felton Heights Water Tank Replacement Project

The San Lorenzo Valley Water District (SLVWD) is writing to provide you with a project update and solicit input regarding the Felton Heights Water Tank Replacement Project. In 2013, the Felton Heights water system consolidated its operations and maintenance into SLVWD. As part of the consolidation, Felton Heights Mutual Water residents agreed to a property-related charge to assist with the replacement of the Felton Heights water storage tank. The property-related charge will not be implemented until the construction of the new tank begins. The current tank is undersized for adequate fire flows and nearing its life expectancy. The tank replacement was planned to move forward shortly after consolidation however SLVWD experienced delays centered around adequate tank sizing, location, and property acquisition.

The SLVWD has selected a new tank site at the end of Lost Acre Drive and has been in negotiations with the property owner. The new tank will need to support a tank with a 120,000-gallon storage capacity to meet California Fire Code and ensure fire flows for the Felton Heights neighborhood. The proposed Lost Acre Drive tank site is the proper size and elevation for the construction of the needed 120,000-gallon bolted steel water tank. The existing tank is 10,000 gallons, barely large enough to supply domestic water use, and severely limits fire flow. As part of the construction of the new tank, SLVWD also plans to install a new hydrant at the end of Lost Acre Drive.

To date, SLVWD has completed a property survey and geotechnical investigation of the proposed tank site to ensure the construction will meet all codes and standards. The purpose of the geotechnical investigation was to evaluate the soil and bedrock conditions at the tank site. These data will develop geotechnical design criteria and recommendations for the water tank foundation and associated improvements. In addition, the most current California Building Code (CBC) edition design considerations, specifically the seismic factors and coefficients, will be followed during the design and construction of the project. The full reports can be viewed on the District website at: <https://www.slvwd.com/projects/pages/felton-heights-tank-replacement-project>

The SLVWD is looking to start construction in the summer of 2022 pending the tank site easement and appropriate permitting. The new tank will be "Bolted Steel" construction at 30 feet in diameter and 32 lineal feet tall with a capacity of 120,000 gallons of water storage. The tank is proposed to be green to blend in with its surroundings and will sit on top of a concrete ring foundation. A large 6" fire hydrant will be located adjacent to the tank in an area suitable for fire equipment access. The tank site will be fenced, and SLVWD will work with adjacent property owners on fence design and appropriate landscaping to ensure the site is aesthetically pleasing. An environmental review will occur after the tank site easement is secured.

While securing the easement, the property owner expressed concern about neighborhood acceptance and asked the District to reach out to the Felton Heights Community for input. A story pole has been placed at approximately the center of the new tank. The top of the 32-foot pole represents the proposed height of the new tank. You can visually see the location from the asphalt roadway. We ask interested neighbors to be considerate when viewing the proposed tank site as it is private property.

If you have any questions, comments, or concerns, please contact me at rrogers@slvwd.com or 831-430-4624 by Friday, April 22, 2022.



Rick Rogers
District Manager

Cc: Director of Operations
District Engineer
Environmental Programs Manager