

Safe, Clean Water Priority E:
Provide flood protection to homes, businesses, schools and highways

About the project

The Santa Clara Valley Water District will remove approximately 3,000 cubic yards of sediment south of U.S. 101 to East Meadow Drive to help restore capacity in both Adobe and Barron creeks.

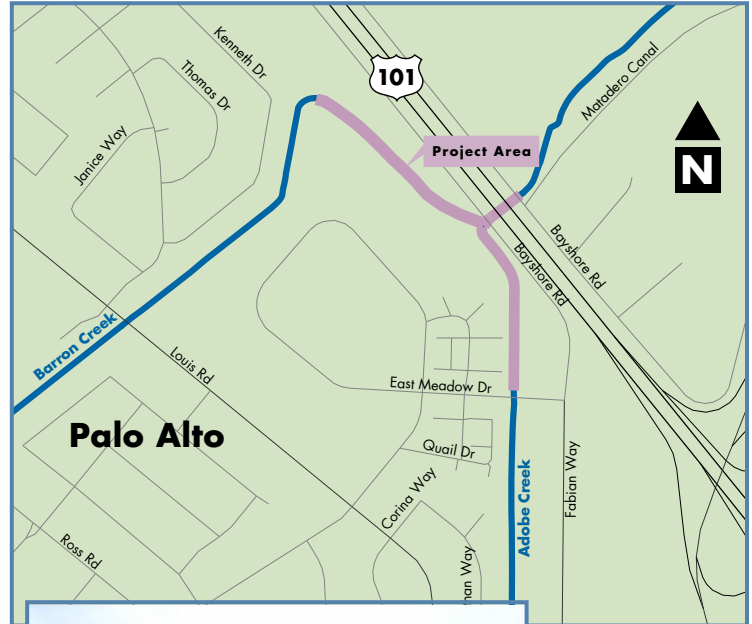
Work will start in early September and take approximately 15 days to complete.* Project work hours are 8 a.m. to 4 p.m., Monday through Friday. The water district does not anticipate any work on Saturdays.

A five person crew will use an excavator, crew and dump trucks and a small loader at the site. Expect typical construction noise during work hours as trucks and crews access the creek at East Meadow Drive. A generator, designed to operate more quietly, will continuously pump water around the project site and back into the creek farther downstream. Expect no road closures, but the water district may use traffic controls or flaggers, if needed, during work for safety.

This project will remove enough cubic yards of sediment to fill 375 dump trucks. Sediment removal is important to maintain the creek's capacity to carry floodwaters away from nearby homes and property.

Why remove sediment?

Water flowing in a creek or river picks up and carries fine grains of soil, rock or mineral called sediment. When the flowing water slows down or reaches a wide or flat area, the sediment "drops out" and is deposited into the stream bed. This can clog the creek, reducing the amount of water it can transport. Sediment fills the underwater spaces around rocks, fallen tree trunks and branches, eliminating places where fish and other species seek food and shelter.



Above: Purple highlight on map indicates project area.

Inset: The water district will remove sediment along Permanente and Barron creeks in Palo Alto.



Drought Watch
Find out more about the 2014 drought at:
<http://www.valleywater.org/drought2014>

NORMAL ALERT SEVERE CRITICAL EMERGENCY

* Project start dates and duration may vary due to site conditions and equipment availability.

More about us

The Santa Clara Valley Water District manages an integrated water resources system that includes the supply of clean, safe water, flood protection and stewardship of streams on behalf of Santa Clara County's 1.8 million residents. The district effectively manages 10 dams and surface water reservoirs, three water treatment plants, an advanced recycled water purification center, a state-of-the-art water quality laboratory, nearly 400 acres of groundwater recharge ponds and more than 275 miles of streams.

We provide wholesale water and groundwater management services to local municipalities and private water retailers who deliver drinking water directly to homes and businesses in Santa Clara County.

You're in a watershed

A watershed is the area of land that drains a common waterway. In Santa Clara County, our creeks catch rain and runoff from storm drains and carry the water north to San Francisco Bay or south to Monterey Bay. Along the way, some of the water is used to fill reservoirs for drinking water, replenish the underground aquifer and create better habitat for fish and wildlife.



This project is in the **Lower Peninsula Watershed**, a 98-square-mile area whose many small-creek watersheds feed the tidal wetlands along the San Francisco Bay's southwest shoreline. Its San Francisquito and Stevens creeks are among the last remaining viable steelhead trout runs in the county.

Your Safe, Clean Water vote at work

This project is funded by the voter-approved Safe, Clean Water and Natural Flood Protection parcel tax passed in November 2012.

The 15-year plan's five priorities are to:

- A. Ensure a safe, reliable water supply for the future
- B. Reduce toxins, hazards and contaminants, such as mercury and pharmaceuticals, in our waterways
- C. Protect our water supply and local dams from the impacts of earthquakes and natural disasters
- D. Restore fish, bird and wildlife habitat and provide open space access
- E. Provide flood protection to homes, businesses, schools, streets and highways

Detailed information on the Safe, Clean Water Program, including projects and program descriptions, finances, implementation plans, and provisions for external oversight can be found at www.valleywater.org/safecleanwater.



CONTACT US

For more information, contact **Chad Grande** at **(408) 630-2915**, or visit our website at valleywater.org and use our **Access Valley Water** customer request and information system. With three easy steps, you can use this service to find out the latest information on district projects or to submit questions, complaints or compliments directly to a district staff person..

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