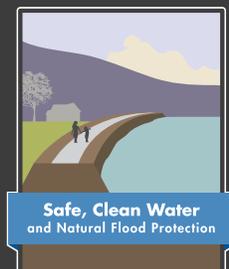


Permanente Creek Flood Protection Project

About the project

The Permanente Creek Flood Protection Project will improve flood protection for Mountain View and Los Altos, create recreational opportunities and enhance the environment.

Funded by the Safe, Clean Water and Natural Flood Protection Program, this project will provide natural flood protection for approximately 2,200 properties, prevent flooding of Middlefield Road and Central Expressway, and prevent potential damages in excess of \$48 million (1999 value).



Santa Clara Valley
Water District



Permanente Creek Flood Protection Project

Your flood protection project

After years of planning and design, the Permanente Creek Flood Protection Project is nearing construction. Once completed, the project will provide natural flood protection for at least 1,664 properties and prevent potential damages in excess of \$48 million (1999 value).

In developing the project designs, the Santa Clara Valley Water District worked with the County of Santa Clara, the cities of Mountain View, Los Altos and Cupertino, along with their residents, through community and project task force meetings. Public comments and feedback helped the project team develop sustainable designs that are economically viable, technically feasible, environmentally compatible and publicly acceptable.

The project stretches along 10.6 miles of Permanente Creek, from San Francisco Bay's southwest shoreline through Mountain View to Foothill Expressway in Los Altos. It includes four design features, which are slated to begin construction in 2016. These include floodwalls, channel widening and flood detention basins at Rancho San Antonio County Park and McKelvey Park.

A history of flooding

Each winter, thousands of households, schools and businesses in Mountain View and Los Altos are susceptible to flooding from Permanente Creek during a major storm.

Permanente Creek has a history of flooding, having experienced major flooding in 1862, 1911, 1940, 1950, 1952, 1955, 1958, 1963, 1968, 1983, 1995 and 1998.



LEGEND

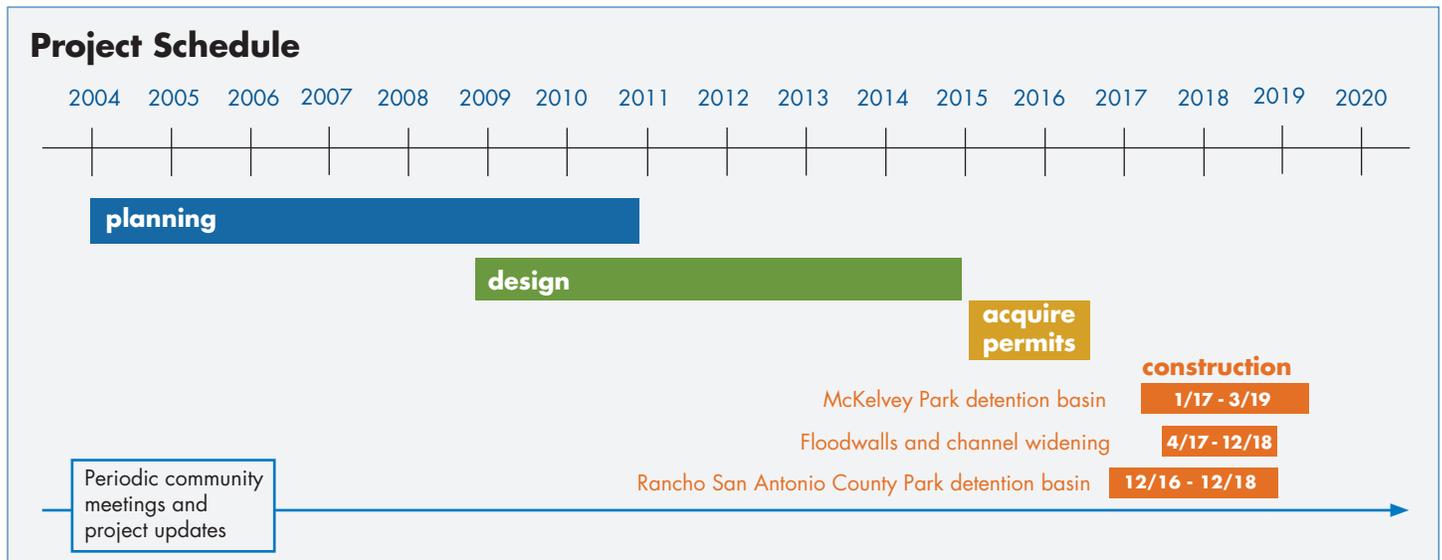
Project elements

- Flood-prone area
- A Floodwalls
- B McKelvey Park detention basin
- C Channel widening
- D Rancho San Antonio County Park detention basin

Flooding can result in millions of dollars in damage to homes, businesses and schools. In addition, disruption to businesses and transportation networks can result in significant loss of productivity and revenue.

Looking ahead

The project team is working to finalize design on certain project elements and will be reaching out to communities neighboring those projects in the coming months. In addition, the water district will hold pre-construction meetings with the neighboring community of each project element before work begins.



Your tax dollars at work

The project is funded by the countywide Safe, Clean Water and Natural Flood Protection Program parcel tax passed by voters in November 2012. The 15-year plan makes it possible to protect homes, schools and businesses from flooding, while improving the health of creek and bay ecosystems and creating trails and parks for recreational enjoyment.

The Safe, Clean Water Program provides \$49 million to design and construct the project, which will:

- Provide natural flood protection for approximately 2,200 properties (which exceeds the project requirement of protecting 1,664 properties)
- Prevent flooding of Middlefield Road and Central Expressway
- Prevent potential damages in excess of \$48 million (1999 value)
- Enhance 8 acres of wildlife habitat in Rancho San Antonio County Park



High water in 1983 along Permanente Creek near Blach School.



Upper Permanente creeks.

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 1.9 million residents. The district effectively manages 10 dams and surface water reservoirs, three water treatment plants, 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 providers who deliver drinking water directly to homes and businesses in Santa Clara County.



Permanente Creek near the South Bay Salt Ponds.

You're in a watershed

No matter where you are, you're in a watershed. A watershed is the area of land that drains to 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 West Valley Watershed, an 85-square-mile area of multiple small-creek watersheds. Characterized by the contrast between its channelized creeks on the valley floor and its more natural streams in the hillsides, this watershed is the county's smallest.

On the cover:

1. Upper Permanente Creek
2. Permanente diversion flooding, March 1983
3. Pedestrian bridge near the South Bay Salt Ponds
4. Permanente Creek downstream of U.S. Highway 101



CONTACT US

For more information:

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- Contact **Kristen Yasukawa**, public information representative, at **(408) 630-2876**, kyasukawa@valleywater.org
- Visit valleywater.org/services/PermanenteCreek.aspx
- Use our **Access Valley Water** customer request and information system. With three easy steps, get the latest information on the project or submit questions, complaints or compliments directly to a water district staff person.

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