

Guadalupe River Stream Maintenance Work



Priority E: Provide flood protection to homes, businesses, schools and highways.

Upcoming Stream Maintenance Work

Bank protection (erosion repair)

High, fast moving and sustained flows of water during storms can cause extensive damage to creek banks, eroding existing flood protection improvements and natural elements. Repairing creek banks helps protect neighboring homes and property from damage.

Sediment removal

Sediment and debris washed downstream can restrict the flow of water in the creek channel. During a heavy storm, these areas of restricted flow could cause water to back up, increasing the risk of flooding. Crews remove sediment to allow storm water to flow through the creeks as designed.

Vegetation management

Each year, Valley Water crews manage over 3,000 acres of instream and upland vegetation. Selective removal of instream vegetation maintains flow conveyance in streams and riparian corridors. Managing upland vegetation restores maintenance access and maintains fire code compliance.

Invasive plant management

Invasive plant species, such as Algerian ivy, cape ivy, Himalayan blackberry, tree of heaven and giant reed, are removed by Valley Water crews because they present a major threat to the native ecosystem. These plants thrive and spread aggressively, negatively altering native wildlife patterns, soil stability and water quality. Invasive plants can increase the risk of flooding and wildfires, undermine structures and obstruct access to roads, levees, and trails.

Riparian planting

Riparian planting establishes and enhances habitat for birds, amphibians, fish and other terrestrial and aquatic species living in creek corridors. Our riparian planting program is used to mitigate any negative impacts to the riparian corridor caused by sediment removal, bank stabilization, and vegetation management activities.

Valley Water crews remove invasive and non-native annuals and grasses that compete with native plants. Vegetation program specialists then select and plant vegetation that meets the habitat needs of the project site and has the

highest likelihood of surviving and thriving. Valley Water staff continue to monitor and maintain the project site for 5 to 7 years after the initial planting to ensure the project is successful.

What to expect

Work typically occurs Monday through Friday, but Saturday work may be necessary. Work hours are set by local city ordinances, starting between 7 a.m. and generally ending by 5 p.m. Valley Water crews strive to be courteous to all neighbors. Any work occurring before 8 a.m. will be limited to preparation activities with minimal noise impact. For safety, portions of the trail may experience intermittent closures.



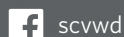
Graphic representation is for reference only and not intended as a technical exhibit.

CONTACT US

For more information, contact Neighborhood Liaison, Albert Le at (408) 630-2860 or by email at albertle@valleywater.org. Or use our **Access Valley Water** customer request and information system at <https://delivr.com/2yukx> to find out the latest information on Valley Water projects or to submit questions, complaints or compliments directly to a Valley Water staff person.



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Upcoming Guadalupe River Flood Protection Project – Tasman Drive to Interstate 880

Valley Water is planning a project that will restore capacity along the Guadalupe River between Tasman Drive and Interstate 880 in San Jose and Santa Clara. The completed project will return the river's flood conveyance capacity to the designed condition: the 100-year flood event (a flood with a 1% chance of occurring any given year). As of summer 2019, the project is completing the problem definition phase and is identifying conceptual alternatives. As part of the planning process, Valley Water will perform an alternatives analysis to evaluate different design options. Residents will be able to attend community meetings during this process to get updates, and provide input on design alternatives before a final project is selected. The first of these public meetings will be held in fall 2019.

For more information on this project, contact **Katie Muller** at **(408) 630-2934** or by e-mail at **KMuller@valleywater.org**.



Valley Water

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Pollution hotline

To report illegal dumping of hazardous materials in, or around reservoirs, creeks and ponds, please call **1-888-510-5151**.

Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con José Villarreal al JVillarreal@ValleyWater.org o (408) 630-2879.

Nếu bạn nói tiếng Việt và có thắc mắc về nội dung của thông báo này, xin vui lòng liên hệ với Ngọc Nguyen tại NNguyen@ValleyWater.org hoặc (408) 630-2632.

如果你說中文並對上述訊息有疑問, 請聯繫 Sarah Young, 電郵 SYoung@valleywater.org, 或者電話: (408) 630-2468.

We're working in your neighborhood streams!



Guadalupe River Stream Maintenance Work

The Santa Clara Valley Water District (Valley Water) is dedicated to keeping residents and businesses safe through its flood protection programs. Valley Water owns and manages about 275 miles of streams. As part of its Stream Maintenance Program (SMP), Valley Water plans to perform work along creeks across Santa Clara County in 2019. The SMP ensures streams with completed flood protection projects continue to function as designed to protect homes and businesses. Under the SMP, work occurs annually to improve the environment, reduce the risk of flooding and keep our communities safe. Several SMP projects are expected to occur along Guadalupe River this summer and fall.

*Guadalupe River near
West Trimble Road.*