

STREAM MAINTENANCE PROGRAM



Before Erosion Repair



After Erosion Repair

YOUR INVESTMENT AT WORK

In November 2012, the voters of Santa Clara County overwhelmingly approved Measure B, the Safe, Clean Water and Natural Flood Protection Program, as a countywide special parcel tax. 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.

Priority D provides funding for Valley Water to conduct mitigation site maintenance on native plant revegetation projects in creeks where we have jurisdiction to complete work. Priority E provides funding for Valley Water to conduct vegetation management and sediment removal projects for flow conveyance in creeks where we have jurisdiction or approval to complete work. The funding for this work is critical as it helps to enhance and establish habitat for wildlife and reduce flood risks to our communities. Thank you for your investment.

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

For more information on the Stream Maintenance Program, please visit our website at <https://delivr.com/2gpuq> or call Valley Water at (408) 265-2600.

We are working in your neighborhood creeks!

TYPES OF STREAM MAINTENANCE PROGRAM WORK

Bank protection

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

Sediment removal

Sediment and debris washed downstream can restrict the flow of water in some areas. 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 species, such as Algerian ivy, cape ivy, Himalayan blackberry, tree of heaven and giant reed, are also removed because they present a major threat to the ecosystem. These plants thrive and spread aggressively and can negatively alter wildlife patterns,

soil stability and water quality. Invasive plants can increase the risk of flooding and fire danger, undermine structural assets and obstruct access to roads, levees and trails.

Riparian planting

Riparian planting enhances and establishes habitat for birds, amphibians, fish and other terrestrial and aquatic species living in creek corridors. Our riparian planting program compensates for the riparian impacts created by sediment removal, bank stabilization, and vegetation management activities.

Valley Water crews begin by removing invasive and non-native annuals and grasses that compete with native plants. Then, vegetation program specialists 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 will continue to monitor and maintain the project site for 5 to 7 years after the initial planting to ensure the project is successful.

Instream habitat improvement

To address the impacts of removing sediment and large woody debris from certain streams, Valley Water also performs instream habitat improvement work. This can include adding gravels and logs or root wads to the creek to create more habitat complexity for fish and other species.

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.

Stream Maintenance Program (SMP) Map



- Lakes, reservoirs, rivers, creeks and bays
- Bank protection
- Sediment removal
- Vegetation management
- Riparian planting
- Multiple types of work

*Note: The information on this page has been provided by Valley Water staff for SMP work anticipated to be conducted in 2019. While Valley Water will make every effort to undertake these projects, work may not be conducted for multiple reasons, including delays in receipt of regulatory agencies' approvals, wildlife considerations, unforeseen site conditions and unavailability of resources, among other circumstances.

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

2019 SMP projects*

| No. | City(s) | Type of Work | Name of Project |
|-----|--------------------------|--|---|
| 1 | Campbell | Instream habitat improvement, riparian planting | Los Gatos Creek downstream of Highway 17 |
| 2 | Campbell and Los Gatos | Vegetation management | Los Gatos Creek Campbell Avenue to Blossom Hill Road (Vasona Dam) |
| 3 | Cupertino | Bank protection, riparian planting | Regnar Creek |
| 4 | Gilroy | Bank protection | Llagas Creek upstream of Kern Avenue |
| 5 | Gilroy | Sediment removal | Llagas Creek upstream of Highway 152 |
| 6 | Gilroy | Sediment removal | Llagas Creek upstream of Leavesley Road |
| 7 | Gilroy | Sediment removal | West Branch Llagas Creek upstream of Day Road |
| 8 | Los Altos | Sediment removal | Permanente Creek upstream of Eastwood Drive |
| 9 | Milpitas | Sediment removal | Coyote Creek Secondary Channel upstream of Highway 237 |
| 10 | Mountain View | Sediment removal, bank protection | Stevens Creek at Crittenden Lane |
| 11 | Mountain View | Bank protection, sediment removal, riparian planting | Stevens Creek upstream of Middlefield Road |
| 12 | Mountain View | Bank protection, riparian planting | Permanente Creek downstream of Highway 101 |
| 13 | San Jose | Riparian planting | San Tomas Aquino Creek upstream of Westmont Avenue |
| 14 | San Jose | Invasive plant management | Los Gatos Creek from Leigh Avenue to Meridian Avenue |
| 15 | San Jose | Riparian planting | Calabazas Creek upstream of Bollinger Road |
| 16 | San Jose | Invasive plant management | Randol Creek from Scarsdale Place to Alamos Creek |
| 17 | San Jose | Bank protection | Coyote Creek near Charcot Avenue |
| 18 | San Jose | Bank protection | Thompson Creek upstream of Yerba Buena Avenue |
| 19 | San Jose | Sediment removal | Sierra Creek downstream of Mauna Kea Lane |
| 20 | San Jose | Bank protection, invasive plant management | Guadalupe River near San Jose Airport |
| 21 | San Jose | Sediment removal | Guadalupe River downstream of Coleman Avenue |
| 22 | San Jose | Vegetation management | Guadalupe River from Foxworthy Avenue to Almaden Expressway |
| 23 | San Jose | Invasive plant management | Guadalupe River from Blossom Hill to Branham Lane |
| 24 | San Jose and Santa Clara | Sediment removal, vegetation management | Guadalupe River from Montague Expressway to Trimble Road |
| 25 | San Jose and Santa Clara | Sediment removal, vegetation management, invasive plant management | Tasman Drive to Montague Expressway |
| 26 | Santa Clara | Vegetation management | San Tomas Aquino Creek downstream of Agnew Road |
| 27 | Saratoga | Sediment removal | Calabazas Creek at Comer Drive |
| 28 | Sunnyvale | Bank protection, sediment removal | Sunnyvale East downstream of Highway 237 |
| 29 | Sunnyvale | Riparian planting | Stevens Creek downstream of Highway 85 |