

# Santa Clara Valley Water District

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Si habla español y tiene preguntas sobre el contenido de este mensaje por favor de comunicarse con José Villarreal al [JVillarreal@valleywater.org](mailto: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 Triet Trinh tại [TTrinh@valleywater.org](mailto:TTrinh@valleywater.org) hoặc (408) 630-3211.

如果你說中文並對上述訊息有疑問,請聯繫 Jane Zhou, 電郵 [JZhou@valleywater.org](mailto:JZhou@valleywater.org) 或者電話:(408) 630 2631

## We are working in your neighborhood creeks!

### TYPES OF STREAM MAINTENANCE PROGRAM WORK

#### Bank protection

High and/or sustained 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, water district 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, English ivy, cape ivy, 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. The district's riparian planting program compensates for the riparian impacts created by sediment removal, bank stabilization, and vegetation management activities.

Water district 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. Water district 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, the water district 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.

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### STREAM MAINTENANCE PROGRAM



As part of its Stream Maintenance Program (SMP), the Santa Clara Valley Water District plans to perform work along creeks across Santa Clara County in 2018. Under the SMP, work occurs annually to improve the environment, reduce the risk of flooding and keep our communities safe.

For decades, our crews have been trekking into streams to remove sediment build-up, manage vegetation, clear trash and debris, and stabilize banks that have eroded during high flows. The SMP ensures streams with completed flood protection projects continue to function as designed to protect homes and businesses. The water district owns and manages about 275 miles of streams. Each year, portions of these streams are inspected and prioritized for maintenance projects.

The projects listed in this brochure are part of this season's proposed work. Pending state and federal regulatory approvals, work on these projects will continue through October 15, 2018. In some instances, the water district may request and receive work extensions beyond October 15 to complete projects. Other work including minor maintenance, riparian planting, invasive plant removal, and other vegetation management projects can occur year-round.

Work on SMP projects typically occurs Monday through Friday, but Saturday work may be necessary to complete some projects. Work hours are set by local city ordinances, starting between 7 a.m. and generally ending by 5 p.m. Our 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.



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.

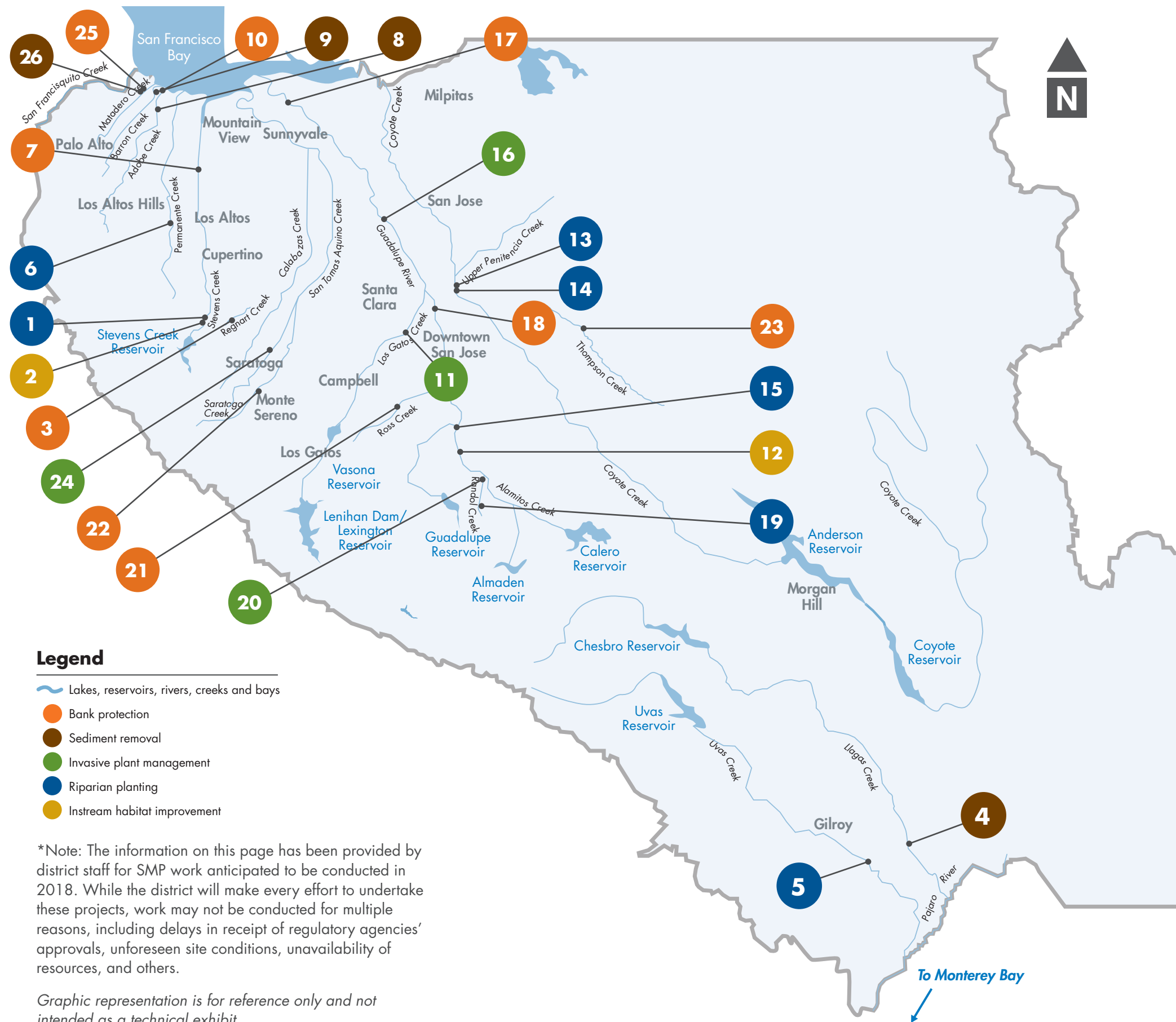
Priority D provides funding for the water district to conduct mitigation site maintenance on native plant revegetation projects in creeks where the water district has jurisdiction to complete work. Priority E provides funding for the water district to conduct vegetation management and sediment removal projects in creeks where the water district has 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](http://www.valleywater.org/safecleanwater).

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



# Stream Maintenance Program (SMP) Map



# Remaining 2018 SMP projects\*

No.	City(s)	Type of Work	Name of Project
1	Cupertino	Riparian Planting	Stevens Creek downstream of McClellan Road
2	Cupertino	Instream Habitat Improvement	Stevens Creek downstream of McClellan Road (in McClellan Ranch Park)
3	Cupertino	Bank Protection	Regnart Creek between Festival Drive and Southern Pacific Railroad bridge (near Orogrande Place)
4	Gilroy	Sediment Removal	Llagas Creek at Highway 152
5	Gilroy	Riparian Planting	Uvas Creek downstream and upstream of Luchessa Avenue
6	Los Altos	Riparian Planting	Permanente Creek downstream of Mountain View Avenue
7	Los Altos and Sunnyvale	Bank Protection	Stevens Creek downstream of Fremont Avenue (between Highway 85 and Fremont Avenue)
8	Palo Alto	Sediment Removal	Adobe Creek from Highway 101 to Middlefield Road
9	Palo Alto	Sediment Removal	Barron Creek from Highway 101 to Louis Road
10	Palo Alto and Mountain View	Bank Protection	Adobe Creek at Baylands
11	San Jose	Invasive Plant Management	Los Gatos Creek downstream of Leigh Avenue
12	San Jose	Instream Habitat Improvement	Alamitos Creek upstream of Mazzone Drive
13	San Jose	Riparian Planting	Coyote Creek downstream of 16th Avenue
14	San Jose	Riparian Planting	Coyote Creek downstream of Highway 280
15	San Jose	Riparian Planting	Guadalupe River downstream of Coleman Road
16	San Jose	Invasive Plant Management	Guadalupe River downstream of Highway 880
17	San Jose	Bank Protection	Guadalupe River downstream of Gold Street (between Union Pacific Railroad bridge and Gold Street)
18	San Jose	Bank Protection	Guadalupe River downstream of Southern Pacific Railroad bridge (between Virginia Street and Willow Street)
19	San Jose	Riparian Planting	Randal Creek downstream of Calcaterra Drive
20	San Jose	Invasive Plant Management	Randal Creek from Alamitos Creek confluence to Scarsdale Place
21	San Jose	Bank Protection	Ross Creek upstream of Kirk Road (between Kirk Road and Ross Avenue)
22	San Jose and Campbell	Bank Protection	San Tomas Aquino Creek from Virginia Avenue to Smith Creek confluence
23	San Jose	Bank Protection	Thompson Creek upstream of Yerba Buena Avenue (between Yerba Buena Avenue and Thompson Creek Court)
24	Saratoga	Invasive Plant Management	Saratoga Creek downstream of Cox Avenue
25	Palo Alto	Bank Protection	Matadero Creek at West Bayshore Road
26	Palo Alto	Sediment Removal	Matadero Creek from West Bayshore Road to Louis Road