

Stream Maintenance Report

June 15, 2018 through November 16, 2018

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2018 Season Ends - Summary Report

The District recently concluded a successful 2018 work season under its Stream Maintenance Program (SMP) for sediment removal, bank protection, and vegetation management. In addition, this year's work included instream habitat improvements. In total, the District completed 437 vegetation management projects, 15 bank repairs, 16 sediment removal projects, and 2 instream habitat improvement projects; vegetation management and minor maintenance work continues on various creeks throughout the county. District staff worked closely with regulatory agency personnel to secure needed approvals and received extensions to work on several projects past the October 15th work season deadline for sediment removal and bank stabilization projects.

Included in this year's notices of proposed work (NPWs) were 1 sediment removal, 4 bank protection, and 1 instream habitat improvement projects that were not completed due to delays in receiving permit approvals and availability of resources. These projects will likely be carried over to the 2019 work season without the need for additional regulatory review.

The District's Vegetation Field Operations Unit is currently focusing on SMP mitigation activities including 16 Invasive Plant Management Program (IPMP) projects and 10 revegetation projects. Field crews continue to work countywide on removing channel obstructions from fallen trees, trash and debris. Also, between July 1, 2018 and October 31, 2018, field crews cleaned up 175 encampments and removed 1,282 cubic yards of trash and debris.

Continued SMP work will focus on preparation of an annual summary report, which will be submitted to regulatory agencies in late January 2019. Upcoming SMP work will also include identification of potential stream maintenance projects for summer 2019. District staff will continue its efforts on program permit renewal, in addition to meeting with regulatory agencies in February/March 2019 to discuss lessons learned from the 2018 season. SMP external lessons learned meetings are conducted annually and provide District and regulatory agency staff an opportunity to understand and discuss design-, field- and regulatory-related opportunities for improvement.

Summary of sediment removal, bank protection, minor maintenance, and instream habitat improvement projects completed during 2018 SMP season

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Minor maintenance: sediment removal	Ross Creek at Cherry Avenue	San Jose	4 LeZotte	Completed 6/18/18	25 cubic yards
Minor maintenance: sediment removal	Ross Creek at Jarvis Avenue	San Jose	4 LeZotte	Completed 6/18/18	25 cubic yards
Minor maintenance: sediment removal	Ross Creek at Meridian Avenue	San Jose	4 LeZotte	Completed 6/18/18	25 cubic yards
Sediment removal	Lower Silver Creek downstream of Capitol Expressway	San Jose	6 Estremera	Completed 6/21/18	225 cubic yards
Bank protection	Coyote Creek downstream of Charcot Avenue	San Jose	3 Santos	Completed 7/9/18	86 linear feet
Sediment removal	Lower Silver Creek from Interstate 680 to Jackson Avenue	San Jose	6 Estremera	Completed 7/17/18	2,700 cubic yards
Sediment removal	Permanente Diversion Channel upstream of Saint Giles Lane	Mountain View, Los Altos	7 Kremen	Completed 7/18/18	1,503 cubic yards

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WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Sediment removal	Quimby Creek downstream of White Road	San Jose	1 Varela	Completed 7/20/18	490 cubic yards
Bank protection	Upper Penitencia Creek upstream of Mabury Road	San Jose	3 Santos	Completed 8/2/18	45 linear feet
Sediment removal	Lions Creek at confluence of North and South Morey Channels	Gilroy	1 Varela	Completed 8/3/18	1,148 cubic yards
Minor maintenance: sediment removal	Permanente Creek upstream of Eastwood Drive	Los Altos	7 Kremen	Completed 8/8/18	10 cubic yards
Bank protection	Ross Creek upstream of Harwood Drive	San Jose	4 LeZotte	Completed 8/15/18	205 linear feet
Sediment removal	Berryessa Creek from Croyley Avenue to upstream of Morrill Avenue	San Jose	3 Santos	Completed 8/21/18	2,660 cubic yards
Bank protection	Ross Creek upstream of Sandy Lane	San Jose	4 LeZotte	Completed 8/22/18	235 linear feet
Bank protection	Ross Creek upstream of Kirk Road	San Jose	4 LeZotte	Completed 9/6/18	66 linear feet
Sediment removal	Llagas Creek at Highway 152	Gilroy	1 Varela	Completed 9/6/18	1,478 cubic yards
Sediment removal	Guadalupe River upstream of Coleman Avenue and from Santa Clara Street to Park Avenue**	San Jose	2 Keegan	Completed 9/12/18	1,818 cubic yards
Instream habitat improvement	Stevens Creek downstream of McClellan Road	Cupertino	5 Hsueh	Completed 9/13/18	150 linear feet
Bank protection	Adobe Creek at Baylands	Palo Alto, Mountain View	7 Kremen	Completed 9/26/18	280 linear feet
Sediment removal	Golf Creek downstream of Camden Avenue	San Jose	4 LeZotte	Completed 9/28/18	20 cubic yards
Sediment removal	Adobe Creek from Highway 101 to Middlefield Road	Palo Alto	7 Kremen	Completed 9/29/18	4,648 cubic yards
Bank protection	Thompson Creek upstream of Yerba Buena Avenue	San Jose	1 Varela	Completed 10/1/18	70 linear feet
Sediment removal	Barron Creek from Highway 101 to Louis Road	Palo Alto	7 Kremen	Completed 10/11/18	160 cubic yards
Instream habitat improvement	Alamitos Creek upstream of Mazzone Drive	San Jose	4 LeZotte	Completed 10/23/18	290 linear feet
Bank (levee) protection: rodent control	Guadalupe River downstream of Gold Street	San Jose	3 Santos	Completed 10/23/18	480 linear feet

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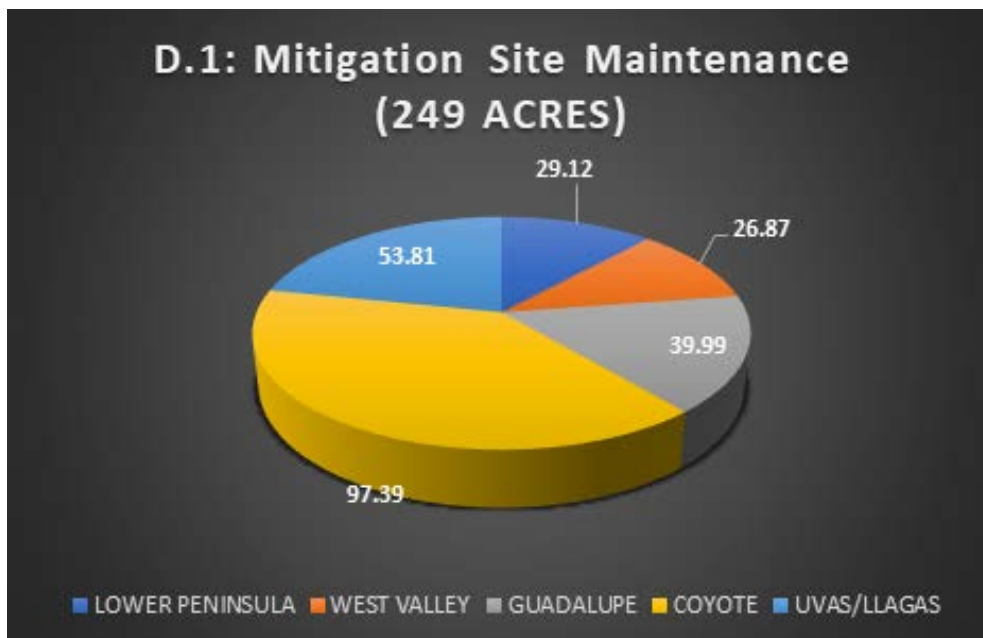
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WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Bank protection	Stevens Creek downstream of Fremont Avenue	Los Altos, Sunnyvale	7 Kremen, 5 Hsueh	Completed 10/23/18	90 linear feet
Bank (levee) protection: rodent control	Coyote Creek upstream of Highway 237*	San Jose	3 Santos	Completed 10/30/18	1,100 linear feet
Bank (levee) protection: rodent control	Coyote Creek downstream of Highway 237*	Milpitas	3 Santos	Completed 10/30/18	911 linear feet
Minor maintenance: concrete repair	San Tomas Aquino Creek, from Virginia Avenue to Smith Creek confluence; and from Williams Road to USGS gage*	San Jose, Campbell; San Jose	5 Hsueh, 4 LeZotte; 2 Keegan	Completed 10/30/18	3,400 linear feet
Sediment removal	Matadero Creek from West Bayshore Road to Louis Road*	Palo Alto	7 Kremen	Completed 10/30/18	3,000 cubic yards
Minor maintenance: concrete repair	Matadero Creek at West Bayshore Road*	Palo Alto	7 Kremen	Completed 10/30/18	170 linear feet
Bank protection	Stevens Creek downstream of El Camino Real*	Mountain View	7 Kremen	Completed 11/5/18	240 linear feet
Bank (levee) protection: rodent control	Uvas Creek from Miller Avenue to end of levee (outboard)*, **	Gilroy	1 Varela	Completed 11/10/18	3,500 linear feet

* Work performed by contractor

** Work not performed under SMP

Safe Clean Water Priority D1: Management of Revegetation Projects Mitigation Site Maintenance



This Safe Clean Water (SCW) project supports District maintenance of at least 300 acres of existing revegetation projects throughout the five watersheds and provides for maintenance of future revegetation sites.

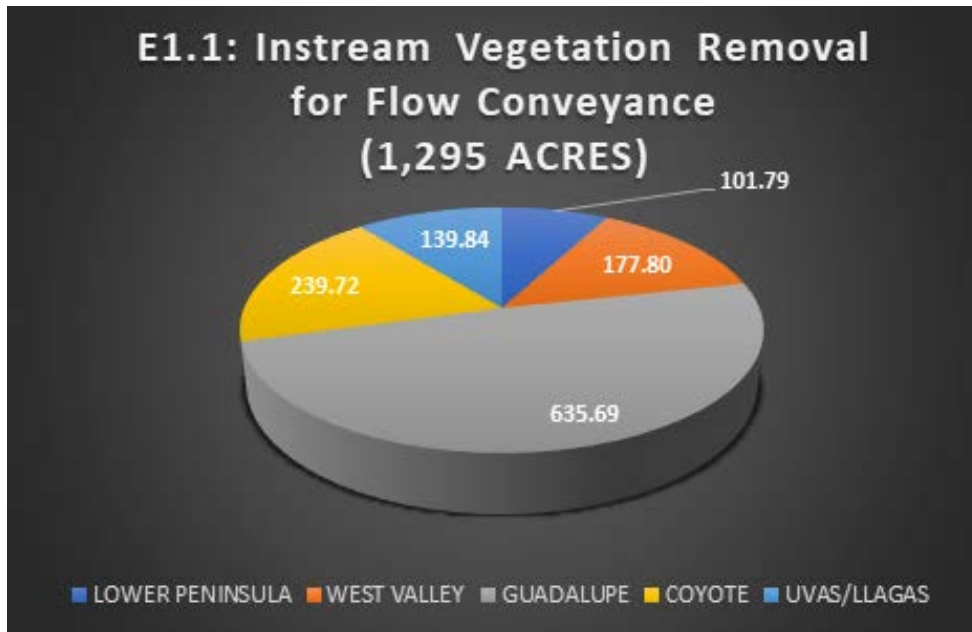
The chart at left shows the work completed within this season.

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Safe Clean Water Priority E.1.1: Vegetation Control for Capacity

Aquatic Herbicide Application, Vegetation Removal < 6' dbh, Tree Removal 6–12" dbh, Limb Removal > 4" dbh

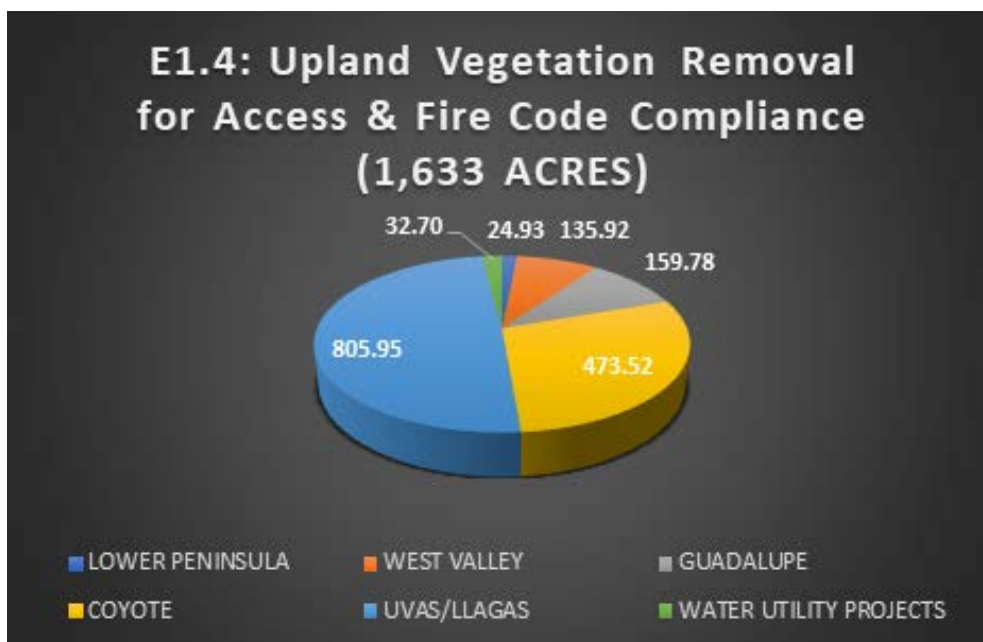


This SCW project supports the District's ongoing instream vegetation removal activities for flow conveyance.

The chart below shows the work completed during this season.

Safe Clean Water Priority E.1.4: Vegetation Management for Access

Access Pruning, Weed Abatement, Upland Herbicide Application



This SCW project supports the District's ongoing upland vegetation control activities for fire code compliance and maintaining access for personnel and equipment.

The chart at left shows the work completed during this season.

For questions or further information, please contact Melanie Richardson, Chief Operating Officer for Watersheds, at (408) 630-2035.