

Stream Maintenance Report

June 15, 2020 through December 3, 2020

2020 Season Ends - Summary Report

Valley Water recently concluded a successful 2020 work season under its Stream Maintenance Program (SMP) for sediment removal, bank protection, and vegetation management. In total, Valley Water completed 388 vegetation management projects, 10 bank repairs and 12 sediment removal projects; vegetation management and minor maintenance work continues on various creeks throughout the county. Valley Water 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.

Valley Water's Vegetation Field Operations Unit is currently focusing on SMP mitigation activities including 32 Invasive Plant Management Program (IPMP) projects and 25 revegetation projects. Field crews continue to work countywide on removing channel obstructions from fallen trees, 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 2021. Upcoming SMP work will also include identification of potential stream maintenance projects for summer 2021. Valley Water staff will continue its efforts on program permit renewal to finalize new permits from the Army Corps of Engineers and the San Francisco Bay Conservation & Development Commission.

Summary of sediment removal, bank protection, minor maintenance, and instream habitat improvement projects completed during 2020 SMP season

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Sediment removal	Ross Creek upstream of Ross Avenue	San Jose	4 (LeZotte)	Completed 6/29/20	55 cubic yards
Bank protection	West Branch Llagas Creek upstream of Leavesley Road	Gilroy	1 (Varela)	Completed 7/1/20	700 linear feet
Sediment removal	Regnart Creek upstream of Blaney Avenue	Cupertino	5 (Hsueh)	Completed 7/2/20	448 cubic yards
Sediment removal	San Tomas Aquino Creek upstream of Westmont Avenue	San Jose	5 (Hsueh)	Completed 7/2/20	3,730 cubic yards
Bank protection	Llagas Creek downstream of Bloomfield Avenue	Gilroy	1 (Varela)	Completed 7/8/20	30 linear feet
Bank protection	Canoas Creek upstream of Snell Avenue	San Jose	4 (LeZotte)	Completed 7/13/20	125 linear feet
Bank protection	Golf Creek upstream of Camden Avenue	San Jose	4 (LeZotte)	Completed 7/21/20	110 linear feet
Bank protection	Alamitos Creek upstream of Greystone Creek confluence	San Jose	4 (LeZotte)	Completed 7/31/20	98 linear feet

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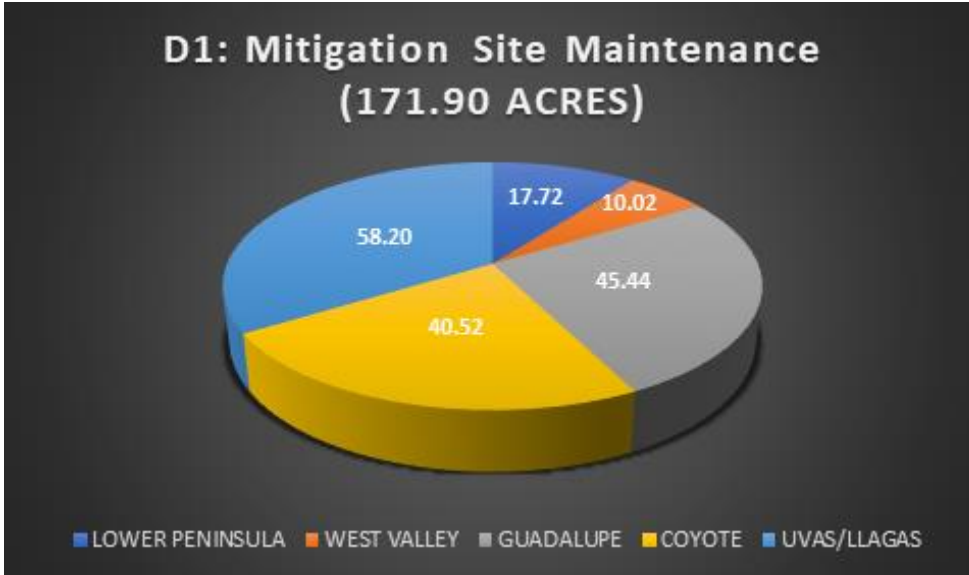
WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Sediment removal, bank protection	Los Coches Creek downstream of Park Victoria Drive	Milpitas	3 (Santos)	Completed 8/11/20	560 cubic yards; 300 linear feet
Sediment removal, bank protection	Regnart Creek downstream of Kim Avenue	Cupertino	5 (Hsueh)	Completed 8/24/20	373 cubic yards; 170 linear feet
Bank protection	Golf Creek downstream of Camden Avenue	San Jose	4 (LeZotte)	Completed 8/25/20	260 linear feet
Sediment removal	Calera Creek upstream of Escuela Parkway	Milpitas	3 (Santos)	Completed 9/3/20	2,707 cubic yards
Bank (levee) protection – rodent control	Lions Creek downstream of Santa Teresa Boulevard	Gilroy	1 (Varela)	Completed 9/3/20	1,200 linear feet
Sediment removal	Thompson Creek downstream of Quimby Road	San Jose	1 (Varela)	Completed 9/23/20	3,746 cubic yards
Sediment removal	Saratoga Creek, from San Tomas Aquino confluence to Warburton Avenue	Santa Clara	2 (Keegan)	Completed 10/27/20	4,482 cubic yards
Sediment removal	Stevens Creek upstream of Crittenden Lane	Mountain View	7 (Kremen)	Completed 10/27/20	7,381 cubic yards
Sediment removal	Lower Silver Creek upstream of Tully Road	San Jose	1 (Varela)	Completed 10/28/20	24,248 cubic yards
Bank protection – rodent control	Lower Penitencia Creek downstream of Great Mall Parkway	Milpitas	3 (Santos)	Completed 11/6/20	700 linear feet
Sediment removal	Llagas Creek upstream of Leavesley Road	Gilroy	1 (Varela)	Completed 11/11/20	9,262 cubic yards
Sediment removal	Permanente Creek Upstream of Eastwood	Los Altos	7 (Kremen)	Completed 12/3/20	50 cubic yards

The information in this report has been provided by Valley Water staff for SMP work between June 15 and December 3, 2020. As final accomplishments are gathered, some of the data reported here may change.

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

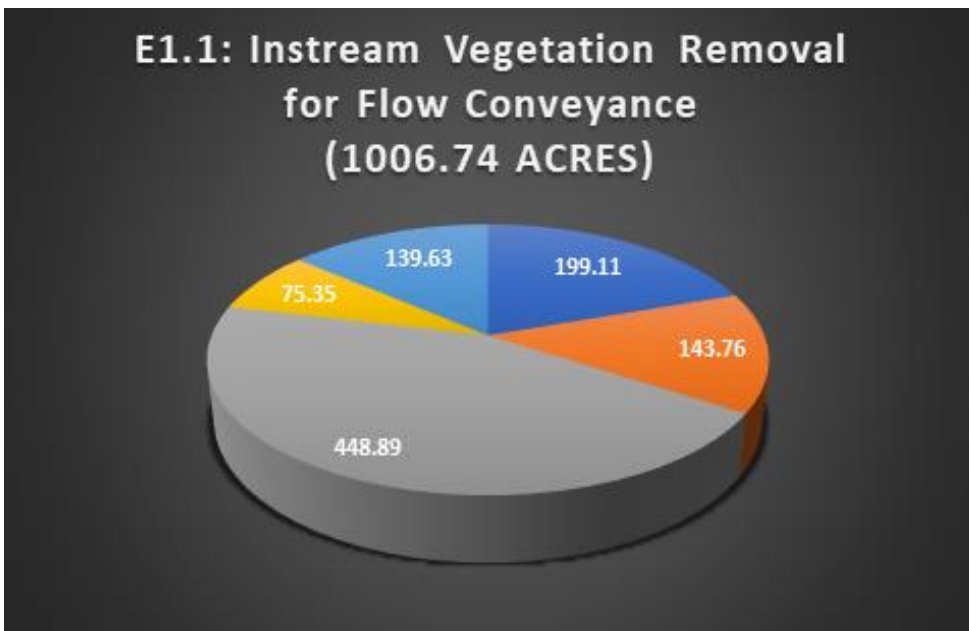


This Safe Clean Water (SCW) project supports Valley Water maintenance of at least 300 acres of existing revegetation projects throughout the five watersheds and provides for maintenance of future revegetation sites.

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

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 Valley Water's ongoing instream vegetation removal activities for flow conveyance.

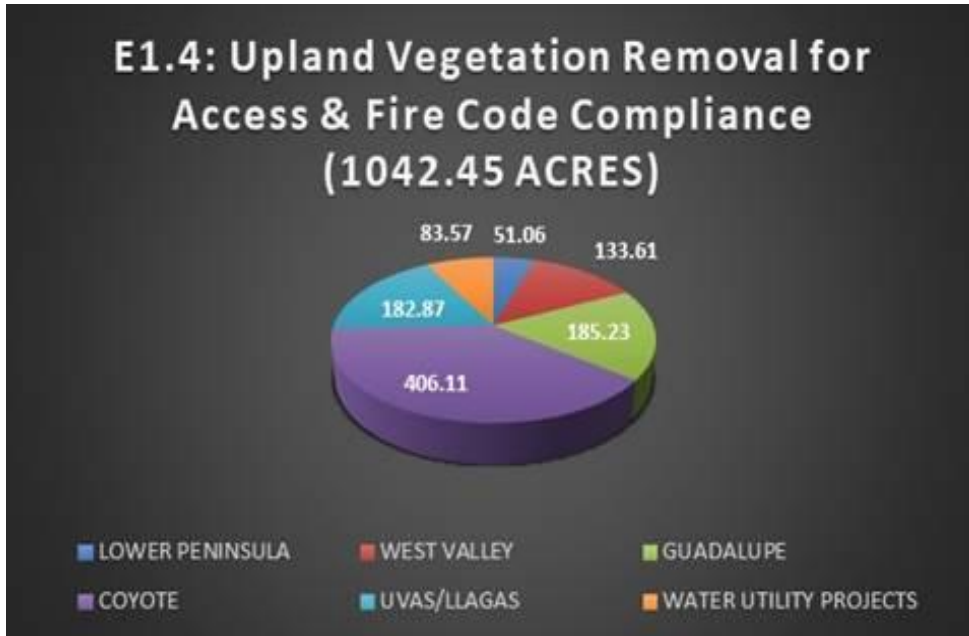
The chart at the left shows the work completed during this season.

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

Access Pruning, Weed Abatement, Upland Herbicide Application



This SCW project supports Valley Water'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 Sue Tippets, Interim Chief Operating Officer for Watersheds, at (408) 630-2253.