

June 15th – December 10th, 2021

Watersheds - Operations and Maintenance Report

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Projects and Permit Process Status

Valley Water recently concluded a successful 2021 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 7 sediment removal projects; vegetation management and minor maintenance work continues in 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 18 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.

Preparation of an annual summary report is nearing completion and will be submitted to regulatory agencies on January 31, 2022. Work is also underway to identify potential stream maintenance projects for summer 2022.

Summary of sediment removal and bank protection projects completed during 2021 SMP season.

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT (DIRECTOR)	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Bank protection	Canoas Creek upstream of Capitol Expressway	San Jose	4 (LeZotte)	Completed 07/21/21	214 linear feet
Sediment removal	San Tomas Aquino Creek at Walsh Avenue	Santa Clara	3 (Santos)	Completed 07/27/21	3,640 cubic yards
Sediment removal, bank protection	Thompson Creek at Quimby Creek confluence (near Aborn Court)	San Jose	1 (Varela)	Completed 08/16/21	55 cubic yards / 110 linear feet



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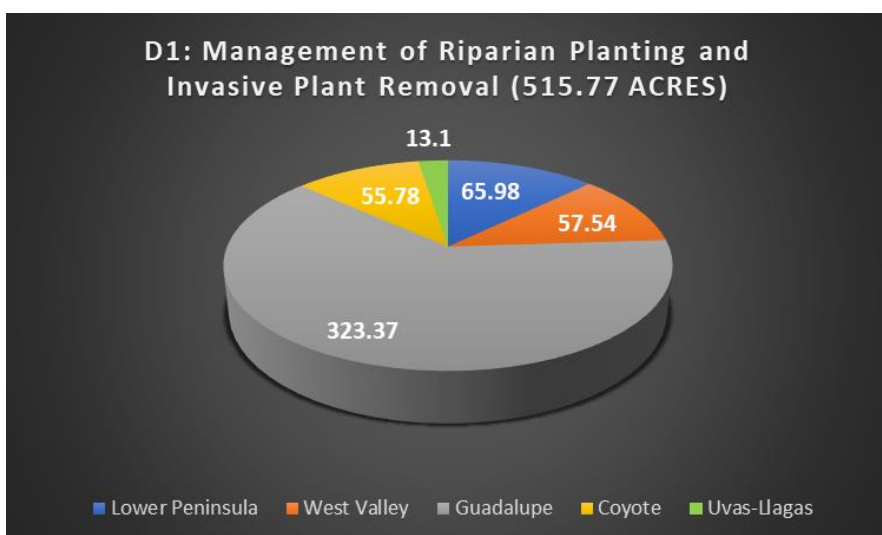
Sediment removal	San Tomas Aquino Creek, from Highway 101 to Scott Boulevard	Santa Clara	3 (Santos)	Completed 09/09/21	3,592 cubic yards
Bank protection	Guadalupe River upstream of San Carlos Street	San Jose	2 (Keegan)	Completed 09/21/21	70 linear feet
Bank protection	Coyote Bypass at Dixon Landing Road	San Jose	3 (Santos)	Completed 09/27/21	635 linear feet
Bank protection	Golf Creek upstream of Redmond Avenue	San Jose	4 (LeZotte)	Completed 09/28/21	494 linear feet
Bank protection	Los Gatos Creek upstream of Meridian Avenue	San Jose	2 (Keegan)	Completed 10/08/21	25 linear feet
Sediment removal	San Tomas Aquino Creek, from Agnew Road to Mission College Boulevard	Santa Clara	3 (Santos)	Completed 10/15/21	2,880 cubic yards
Bank (levee) protection – rodent control	Guadalupe River upstream of Gold Street	San Jose	3 (Santos)	Completed 10/15/21	1,325 linear feet
Sediment removal	Permanente Creek upstream of Eastwood Drive	Los Altos	7 (Kremen)	Completed 10/19/21	32 cubic yards
Bank protection	Saratoga Creek upstream of Pruneridge Avenue	Santa Clara	5 (Hsueh)	Completed 10/21/21	260 linear feet
Bank protection	Lower Penitencia Creek at Great Mall Parkway	Milpitas	3 (Santos)	Completed 10/22/21	1,630 linear feet
Bank protection	Thompson Creek at Everdale Drive	San Jose	1 (Varela)	Completed 10/23/21	128 linear feet

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*Sediment removal	San Tomas Aquino Creek, from Great America Parkway to Tasman Drive	Santa Clara	3 (Santos)	Completed 11/11/21	16,600 cubic yards
*Sediment removal	Lower Silver Creek at Murtha Drive	San Jose	6 (Estremera)	Completed 12/10/21	1,235 cubic yards

*These jobs concluded after the typical SMP work season. All other 2021 SMP jobs concluded on October 23rd.

Safe Clean Water Priority D1: Management of Riparian Planting and Invasive Plant Removal



1. Maintain a minimum of 300 acres of riparian planting projects annually to meet regulatory requirements and conditions.

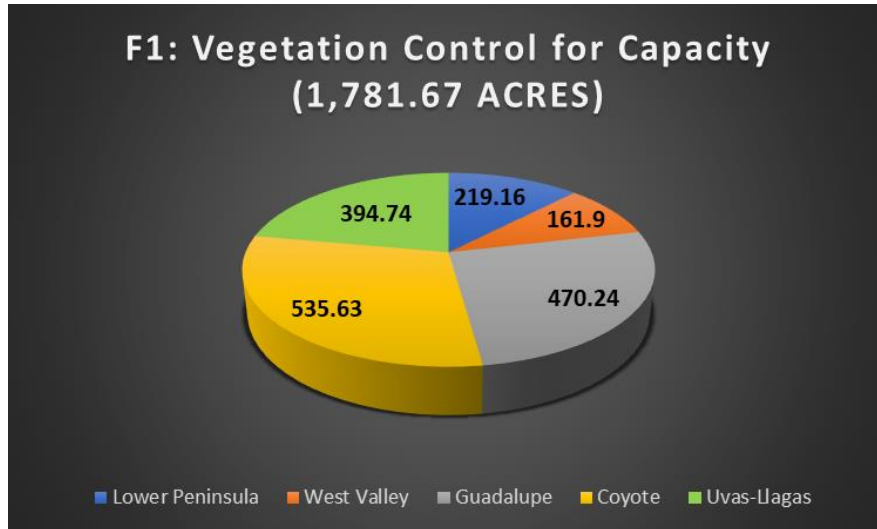
2. Maintain a minimum of 200 acres of invasive plant management projects annually to meet regulatory requirements and condition.

3. Remove 25 acres of Arundo donax throughout the county over a 15-year period.

The chart at left shows the work completed between June 15 – December 10, 2021

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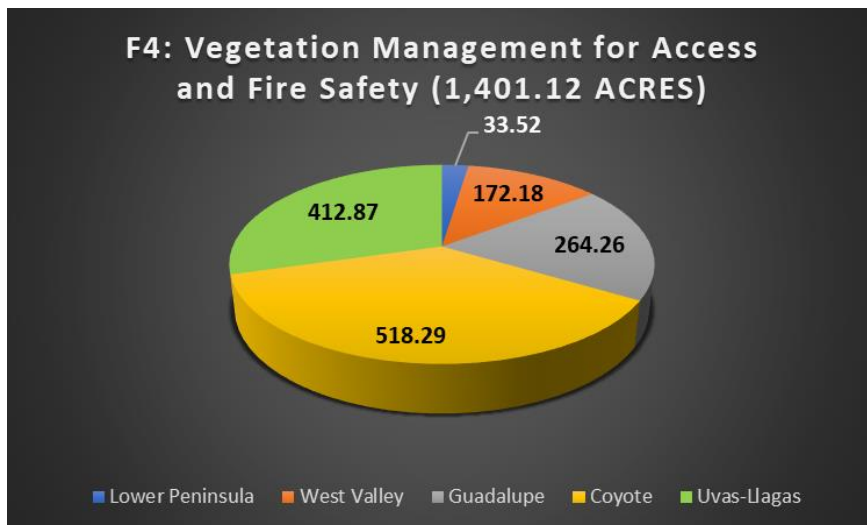
Safe Clean Water Priority F1: Vegetation Control for Capacity



Maintain completed flood protection projects for flow conveyance.

The chart at left shows the work completed between June 15 – December 10, 2021

Safe Clean Water Priority F4: Vegetation Management for Access and Fire Safety

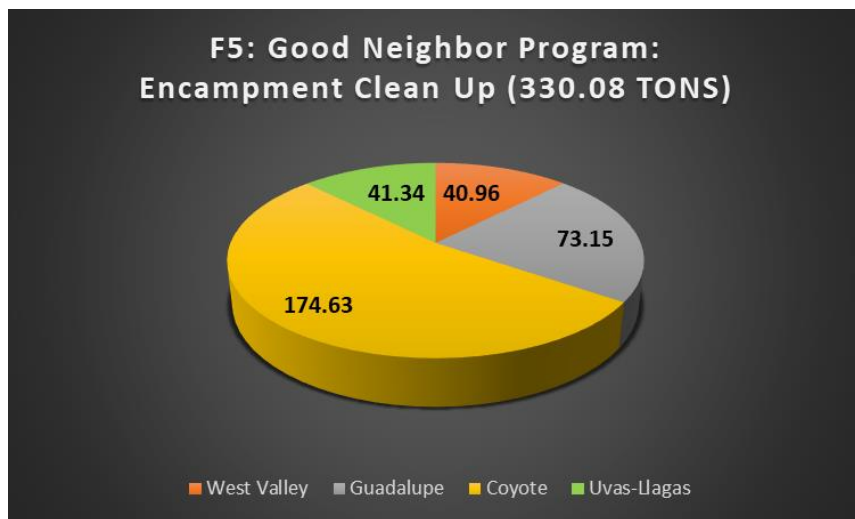


Provide vegetation management for access and fire risk reduction along levee, property lines and maintenance roads, over a 15-year period.

The chart at left shows the work completed between June 15 – December 10, 2021

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Safe Clean Water Priority F5: Good Neighbor Program: Encampment Clean Up

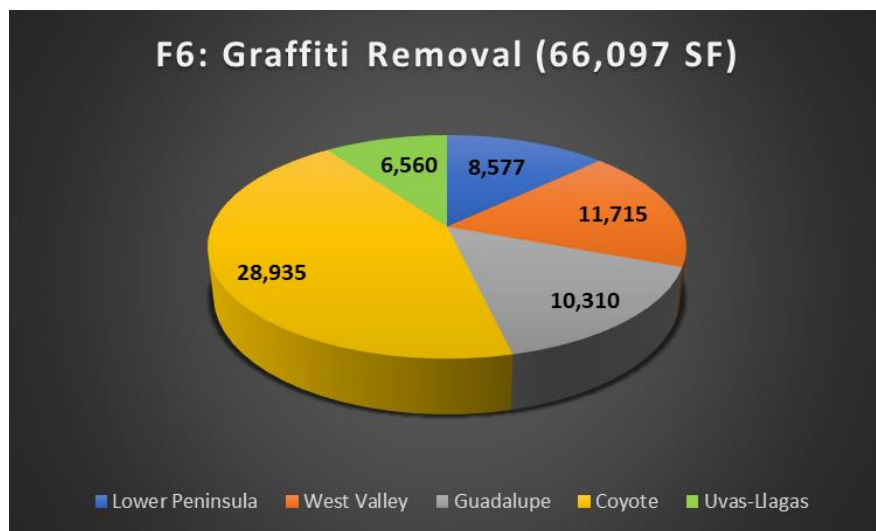


1. Perform 300 annual cleanups to reduce the amount of trash and pollutants entering streams.

2. Provide up to \$500,000 per year in cost-share with local agencies for services related to encampment cleanups, including services supporting staff safety, discouraging re-encampments along waterways, or addressing the homelessness crisis with the goal of reducing the need for encampment cleanups.

The chart at left shows the work completed between June 15 – December 10, 2021

Safe Clean Water Priority F6: Graffiti and Litter Removal and Public Art



1. Cleanup identified trash and graffiti hotspots at approximately 80 sites four (4) times per year.

2. Respond to requests on litter or graffiti cleanup within five (5) working days.

3. Provide up to \$1.5 million over 15 years to implement public art projects on Valley Water property and infrastructure.

The chart at left shows the work completed between June 15 – December 10, 2021

It does not include encampment generated trash and debris.

The information in this report has been provided by Valley Water staff for Watersheds O&M work between June 15 and December 10, 2021. As information is gathered, some of the data reported here may change.

For questions or further information, please contact Sue Tippets, Interim Chief Operating Officer Watersheds, at (408) 630-2253.

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