

Watersheds - Operations and Maintenance Report

June 15 – November 1, 2024

Projects and Permit Process Status

This report provides a holistic view of the Watersheds O&M Division operations, including Stream Maintenance Program (SMP) activities, other maintenance activities not permitted under SMP, and work underway or performed on Raw Water facilities.

Valley Water submitted its annual Notice of Proposed Work (NPW1) under the SMP to regulatory agencies on April 15th. There was a total of 133 projects submitted in NPW1, and 131 approvals from regulatory agencies. A second NPW (NPW2) was also submitted on July 30th, for implementation of a compensatory mitigation project on Little Arthur Creek (Pickell's Dam Removal Project) and two vegetation management items. Staff received all NPW2 approvals by October 1st. Work window extensions were requested from regulatory agencies on September 26th for sediment removal, bank repair, and vegetation management projects expected to continue beyond the SMP construction season. All SMP construction work was completed within in-channel work window deadlines and prior to significant rain. Notably, Pickell's Dam Removal Project began implementation on September 16th and the dam was completely removed by October 4th under a partnership agreement with Trout Unlimited.

Valley Water's SMP Renewal team is participating in ongoing negotiations with the regulatory permitting agencies. Additionally, the team is collaborating with the Valley Habitat Agency to integrate the SMP into the Valley Habitat Plan. This includes ensuring that the SMP activities will have special status species coverage and a path to mitigate for potential impacts throughout the Plan area. Several mitigation projects (Coyote 10B Freshwater Wetland, Little Arthur Creek dam Removal, etc.) for impacts to waters of the U.S./State and special status species resulting from program activities, are in various stages of planning with implementation. The draft SMP-3 EIR Administrative review process is underway and legal counsel is expected to conclude their review in the beginning of 2025.

O&M Environmental Services staff worked closely with the Water Supply Operations Unit to finalize a Lake and Streambed Alteration Agreement (LSAA) for O&M work on various instream diversions and preparing permit compliance documents. Staff also worked with the Dam Maintenance Unit to finalize the LSAA for the Dam Maintenance Program. Staff continued to work with other state and local agencies for a long-term restoration/wildlife corridor project at the Pacheco Conduit Vault 34 emergency project location. Staff also worked with the regulatory agencies on the emergency permits for both the Regnart Creek and Guadalupe River at Willow Street emergency projects.

In addition, staff worked to prepare responses to protests received on the Petition for Change package for the FAHCE reservoirs on instream diversion in the Guadalupe River and Stevens Creek watersheds. Staff also supported construction of Coyote Percolation Dam Replacement Project, and development of a county wide integrated invasive plant management program (IIPMP). Staff are also



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working to complete the Vasona Pump Station Upgrade MND, Cheltenham Culvert MND, PAC Vault Repair MND, Pipeline Maintenance Program EIR, Almaden Calero Canal EIR, and the Canal Maintenance Program EIR.

Summary of select sediment removal, bank protection, and mitigation projects completed during the 2024 SMP season.

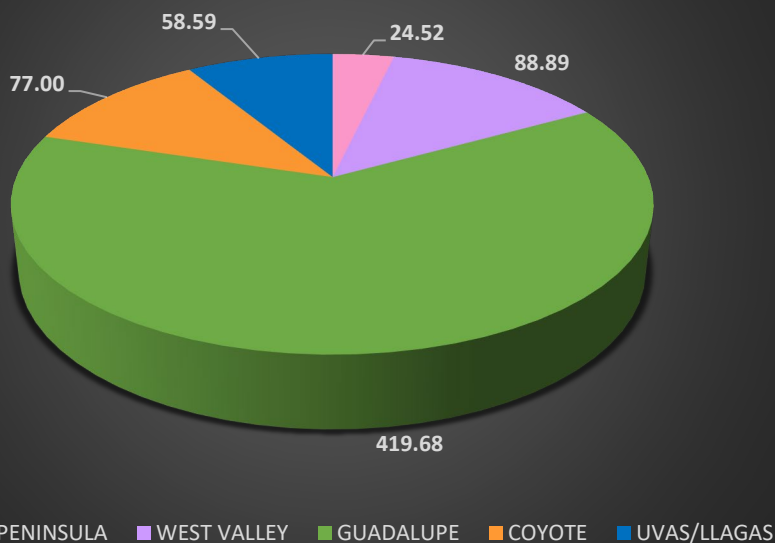
WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
Bank protection	Llagas Creek upstream of Leavesley Road	Gilroy	1 (Varela)	Completed 7/2/24	40 linear feet
Bank protection	West Branch Llagas Creek downstream of Murray Avenue	Gilroy	1 (Varela)	Completed 7/16/24	95 linear feet
Bank protection	Princevalle Drain downstream of Automall Parkway	Gilroy	1 (Varela)	Completed 7/29/24	95.5 linear feet
Bank protection, mitigation	Saratoga Creek upstream of Pruneridge Avenue	Santa Clara	2 (Keegan/ Ballard)	Completed 8/2/24	190 linear feet
Bank protection	Guadalupe River upstream of San Carlos Street	San Jose	2 (Keegan/ Ballard)	Completed 8/2/24	40 linear feet
Bank protection	Coyote Creek upstream of William Street	San Jose	2 (Keegan/ Ballard)	Completed 8/8/24	135 linear feet
Sediment removal, bank protection	Sunnyvale East Channel upstream of Tasman Drive	Sunnyvale	3 (Santos)	Completed 8/23/24	231 linear feet, 1,105 cubic yards
Bank protection	Lower Silver Creek upstream of Alum Rock Avenue	San Jose	6 (Estremera)	Completed 8/28/24	21 linear feet
Sediment removal	Lower Silver Creek downstream of Alum Rock Avenue	San Jose	6 (Estremera)	Completed 9/4/24	1,507 cubic yards
Sediment removal	Guadalupe River upstream of Woz Way	San Jose	2 (Keegan/ Ballard), 6 (Estremera)	Completed 9/6/24	940 cubic yards
Bank protection	Guadalupe River downstream of Willow Street*	San Jose	2 (Keegan/ Ballard)	Completed 9/27/24	178 linear feet
Bank protection, mitigation	Piedmont Creek upstream of Vista Way	Milpitas	3 (Santos)	Completed 10/8/24	460 linear feet
Sediment removal	Permanente Diversion Channel	Los Altos	7 (Eisenberg)	Completed 10/17/24	1,008 cubic yards

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS	ACCOMPLISHMENTS (ESTIMATED)
	upstream of Grant Road				
Sediment removal	Guadalupe River downstream of Coleman Avenue	San Jose	2 (Keegan/ Ballard)	Completed 10/24/24	732 cubic yards
Bank protection	Llagas Creek downstream of Buena Vista Avenue	Gilroy	1 (Varela)	Completed 10/25/24	131 linear feet
Sediment removal	Guadalupe River downstream of Park Avenue	San Jose	2 (Keegan/ Ballard)	Completed 10/29/24	2,022 cubic yards
Sediment removal	Adobe Creek upstream of Highway 101	Palo Alto	7 (Eisenberg)	Completed 11/1/24	7,146 cubic yards
Bank protection	Sunnyvale East Channel downstream of Fremont Avenue	Sunnyvale	5 (Hsueh)	Completed 11/1/24	364 linear feet

* Work permitted separate from Stream Maintenance Program.

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

D1: Management of Riparian Planting and Invasive Plant Removal (668.68 ACRES)



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

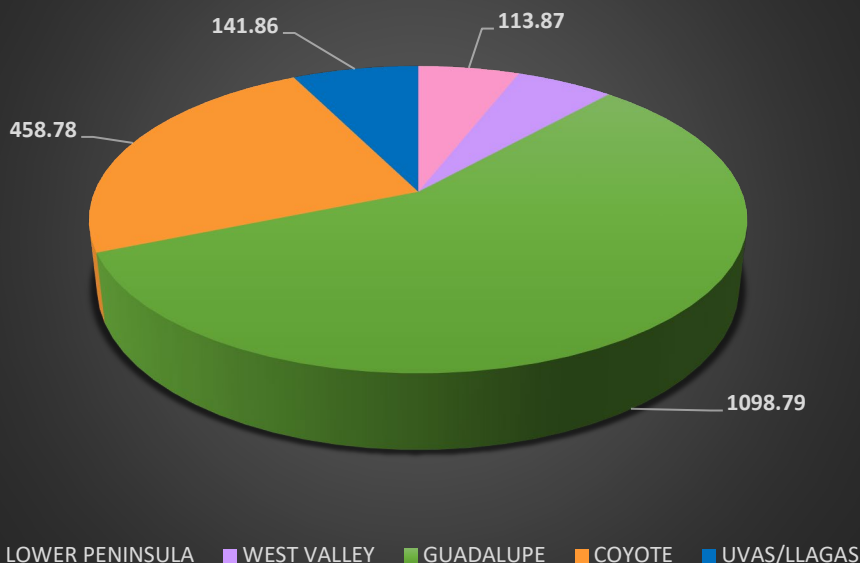
2. Maintain a minimum of 200 acres of invasive plant management projects annually to meet regulatory requirements and condition.

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 – November 1, 2024.

Safe Clean Water Priority F1: Vegetation Control for Capacity

F1: Vegetation Control for Capacity (1,923.29 ACRES)

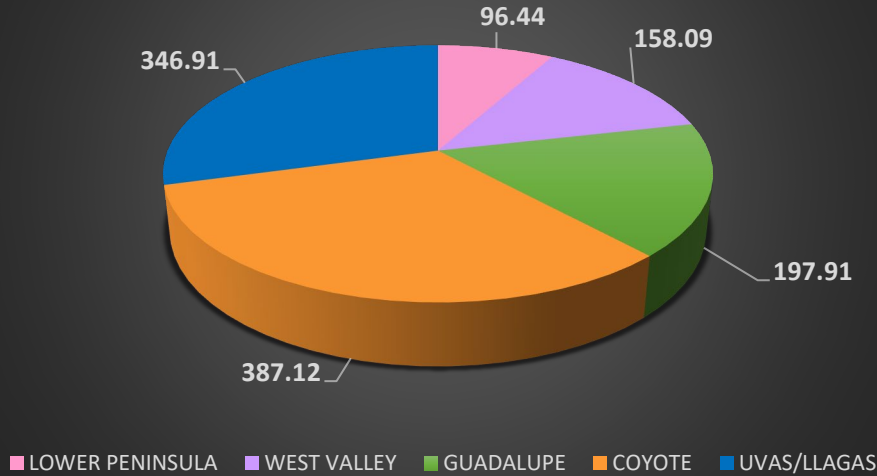


Maintain completed flood protection projects for flow conveyance.

The chart at left shows the work completed between June 15 – November 1, 2024.

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

F4: Vegetation Management for Access and Fire Safety (1,186.47 ACRES)

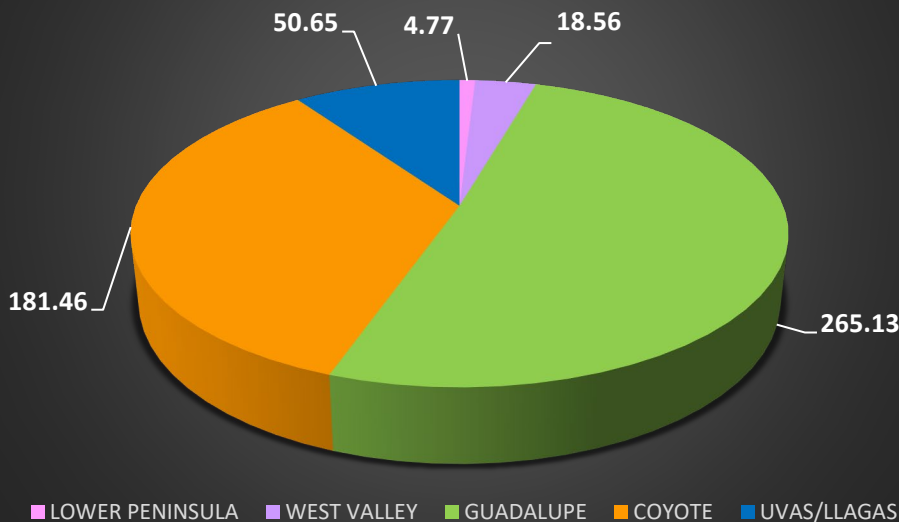


Provide vegetation management for access and fire risk reduction along levee, property lines and maintenance roads, over a 15- year period.

The chart at left shows the work completed between June 15 – November 1, 2024.

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

F5: Good Neighbor Program: Encampment Clean Up (520.57 Tons)

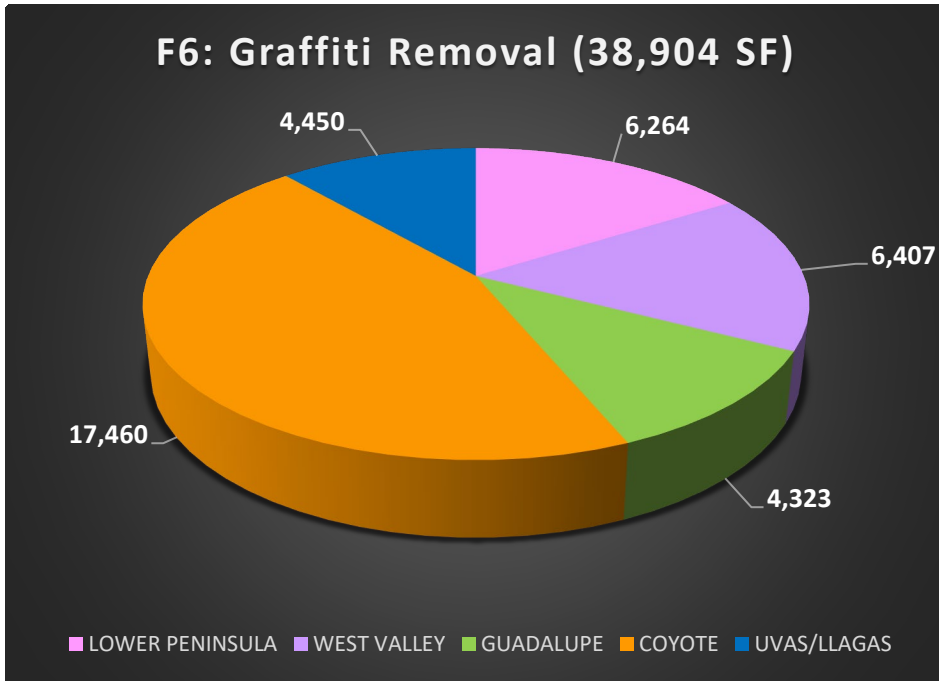


1. Manage 300 acres annually to reduce the amount of trash and pollutants entering streams.

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 – November 1, 2024.

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 – November 1, 2024.
- 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 November 1, 2024. As information is gathered, some of the data reported here may change.

For questions or further information, please contact Christopher Hakes, Chief Operating Officer, Watersheds, at (408) 630-3796.