



# Stream Maintenance Report

June 15 – November 9, 2017

## SMP Season Ends – Summary Report

The District recently concluded a successful 2017 work season under its Stream Maintenance Program (SMP) for sediment removal, bank stabilization, and vegetation management. In total, the program completed 107 vegetation management projects, 10 bank repairs, and 14 sediment removal projects; vegetation management and minor maintenance work continues on various creeks throughout the county. Because of the heavy winter storms of 2017, a second Notice of Proposed Work (NPW) was required and timely regulatory approvals were necessary to complete work within the permitted work windows. 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.

There are 8 projects that were included in this year's NPWs which were not completed due to resource availability that will likely be carried over to the 2018 work season without additional regulatory review.

The District's Vegetation Management Unit completed an invasive plant removal project on City of San Jose property under Safe Clean Water priority D2 and is currently focusing on SMP mitigation activities including 14 Invasive Plant Management Program (IPMP) projects and 1 revegetation project. Field crews continue to work county-wide on removing channel obstructions from fallen trees, trash and debris.

SMP work will focus on preparation of the Annual Summary Report, which will be submitted to regulatory agencies in late January 2018. Upcoming SMP work will also include identification of potential stream maintenance work for summer 2018. District staff will begin work on program permit renewal, in addition to meeting with regulatory agencies in February/March 2018 to discuss lessons learned from the 2017 season. SMP external lessons learned meetings are conducted annually, and provide District and regulatory agency staff an opportunity to understand and discuss field- and regulatory-related opportunities for improvement.

Final costs for this season's work are still coming in and will be reported to the Board in January 2018.

## Work Completed – Sediment removal, bank protection, and minor maintenance SMP projects completed this season (by date completed)

(minor maintenance projects include levee and erosion repairs, trash rack replacement, tide gate and maintenance access road repairs)

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT DIRECTOR	STATUS	ACCOMPLISHED (ESTIMATED)
Sediment removal	Ross Creek at Cherry Avenue	San Jose	4 LeZotte	Completed	78 cubic yards
Sediment removal	Ross Creek at Jarvis Avenue	San Jose	4 LeZotte	Completed 6/16/17	18 cubic yards
Sediment removal	Ross Creek at Meridian Avenue	San Jose	4 LeZotte	Completed	36 cubic yards
Minor maintenance (replace trash rack)	Permanente Diversion Channel	Los Altos	7 Kremen	Completed 6/23/17	12 linear feet
Minor maintenance (in-kind repair – sacked concrete)	Saratoga Creek downstream of Saratoga-Sunnyvale Rd.	Saratoga	5 Hsueh	Completed 6/26/17	10 linear feet

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT DIRECTOR	STATUS	ACCOMPLISHED (ESTIMATED)
Minor maintenance levee repair	Coyote Creek up-stream of Corie Court (near mobile home park)	San Jose	3 Santos	Completed 7/7/17	150 linear feet
Bank protection	Barron Creek at Gunn High School	Palo Alto	7 Kremen	Completed 7/10/17	260 linear feet
Sediment removal	Jones Creek down-stream of Highway 152	Gilroy	1 Varela	Completed 7/17/17	1,657 cubic yards
Bank protection	Golf Creek down-stream of Culligan Boulevard	San Jose	4 LeZotte	Completed 7/20/17	145 linear feet
Minor maintenance sediment removal	Regnart Creek up-stream of East Estates Drive	Cupertino	5 Hsueh	Completed 7/20/17	20 cubic yards
Minor maintenance sediment removal	Barron Creek – debris basin (near Gunn High School)	Palo Alto	7 Kremen	Completed 7/31/17	20 cubic yards
Sediment removal	Lower Silver Creek at Sunset Avenue	San Jose	6 Estremera	Completed 8/7/17	620 cubic yards
Minor maintenance sediment removal	Randol Creek down-stream of Bret Harte Drive	San Jose	7 Kremen	Completed 8/9/17	25 cubic yards
Minor maintenance sediment removal	Lone Hill Creek down-stream of Willow Drive	San Jose	4 LeZotte	Completed 8/10/17	6 cubic yards
Minor maintenance erosion repair	Adobe Creek at Cypress Court	Los Altos	7 Kremen	Completed 8/15/17	50 linear feet
Minor maintenance sediment removal	Corrallitos Creek downstream of Columbet Avenue	Unincorporated Santa Clara County (San Martin)	1 Varela	Completed 8/16/17	10 cubic yards
Bank protection	Ross Creek upstream of Briarglen Drive	San Jose	4 LeZotte	Completed 8/16/17	460 linear feet
Sediment removal	Lower Silver Creek downstream of McKee Road	San Jose	6 Estremera	Completed 8/18/17	5,200 cubic yards
Sediment removal	Lower Silver Creek near Lake Cunningham	San Jose	1 Varela	Completed 8/18/17	1,378 cubic yards
Bank protection	Guadalupe River near Laurelwood Road	Santa Clara	3 Santos	Completed 9/8/17	30 linear feet
Minor maintenance sediment removal	West Little Llagas Creek upstream of Hale Avenue	Morgan Hill	1 Varela	Completed 9/8/17	25 cubic yards
Minor maintenance sediment removal	West Little Llagas Creek downstream of Llagas Road	Morgan Hill	1 Varela	Completed 9/8/17	25 cubic yards

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT DIRECTOR	STATUS	ACCOMPLISHED (ESTIMATED)
Sediment removal	Berryessa Creek downstream of Piedmont Road	San Jose	3 Santos	Completed 9/8/17	976 cubic yards
Minor maintenance sediment removal	Sunnyvale East Channel from Fremont Avenue to Inverness Way	Sunnyvale	5 Hsueh	Completed 9/12/17	10 cubic yards
Bank protection	Stevens Creek upstream of Moffett Boulevard	Mountain View	7 Kremen	Completed 10/6/17	205 linear feet
Minor maintenance in-kind repair	Matadero Creek/Palo Alto Flood Basin Tide Gates*	Palo Alto	7 Kremen	Completed (suspended) 10/10/17	Not applicable
Bank protection	Calabazas Creek upstream of Bollinger Road	San Jose	5 Hsueh	Completed 10/12/17	140 linear feet
Bank protection	Los Gatos Creek upstream of San Fernando Street	San Jose	2 Keegan	Completed 10/26/17	170 linear feet
Sediment removal	Calabazas Creek from Tasman Drive to upstream of Highway 101	Sunnyvale, Santa Clara	3 Santos	Completed 10/27/17	14,656 cubic yards
Bank protection (maintenance access road repairs)	Coyote Creek Bypass lower access road (downstream of Interstate 880)	San Jose	3 Santos	Completed 10/30/17	734 linear feet
Minor maintenance tide gate replacement	Coyote Creek Bypass (downstream of Interstate 880)	San Jose	3 Santos	Completed 10/30/17	52 linear feet
Sediment removal	Thompson Creek downstream of Quimby Road	San Jose	1 Varela	Completed 11/2/17	9,294 cubic yards
Sediment removal	Lower Silver Creek upstream of Tully Road	San Jose	1 Varela	Completed 11/2/17	189 cubic yards
Sediment removal	Calabazas Creek downstream of Comer Drive	Saratoga	5 Hsueh	Completed 11/3/17	972 cubic yards
Bank protection	El Camino Storm Drain upstream of Calabazas Creek confluence*	Santa Clara	2 Keegan	Completed (in-channel) 11/6/17	600 linear feet

\* Work performed by contractor

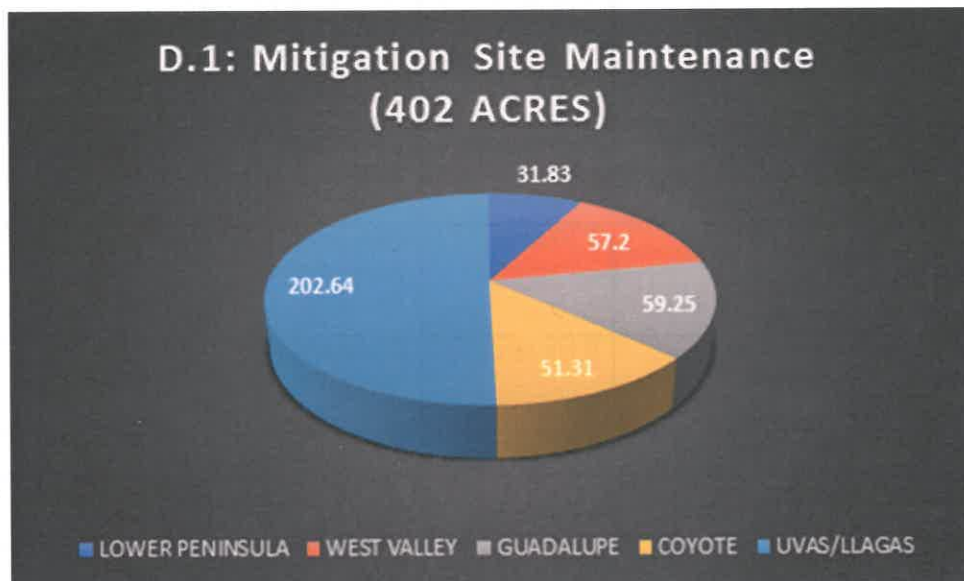
## Totals

Sediment Removal including Minor Maintenance	Bank Protection
35,175 cubic yards	3,018 linear feet

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

## Safe Clean Water Priority D1: Management of Revegetation Projects

### Mitigation Site Maintenance

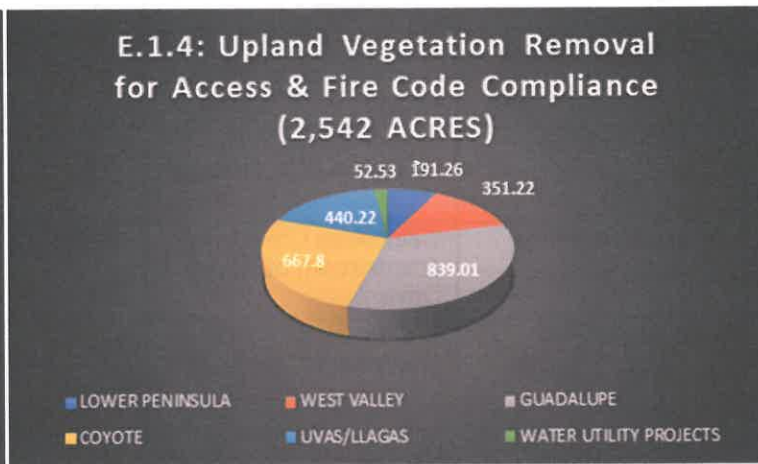
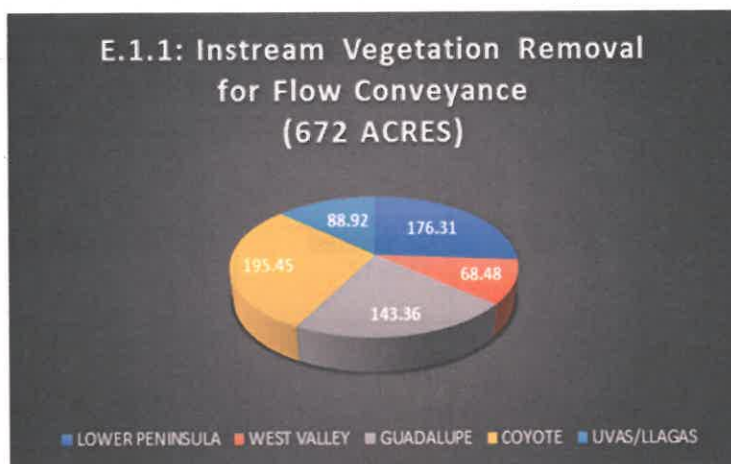


This Safe Clean Water (SCW) project supports District maintenance of at least 300 acres of existing revegetation projects throughout the five watersheds, and provides for maintenance of future revegetation sites. The chart to the left shows the work completed (in acres) this season.

### Safe Clean Water Priority E.1.1 & E.1.4:

#### Vegetation Removal for Flow Conveyance & Upland Vegetation Removal for Access and Fire Code Compliance

Hand Removal <6", Tree Removal 6 – 12", Routine Pruning, Aquatic Herbicide Application, Access Pruning, Weed Abatement, Upland Herbicide Application



This SCW project supports the District's ongoing vegetation control activities by maintaining flow conveyance, fire code compliance, and access for maintenance personnel and equipment. The charts above show the work completed (in acres) this season.

*The information in this report has been provided by District staff for SMP work between June 15 and November 9, 2017. As information is gathered, some of the data reported here may change.*