

Stream Maintenance Report

September 22 – October 4, 2018

**Santa Clara Valley
Water District**



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PERMIT PROCESS STATUS

The District submitted 70 stream maintenance items in its first 2018 Notice of Proposed Work (NPW1) on February 15, 2018. Regulatory agencies had 45 days (April 2) to review and approve the submittal. As of August 3, 2018, 67 projects had been approved. The three remaining vegetation removal projects (Guadalupe Creek d/s Hwy 237, Guadalupe Creek d/s Gold St and Coyote Creek u/s McCarthy Blvd) will be implemented consistent with the program permits.

On April 15, 2018, the District submitted an additional 365 stream maintenance items in its second Notice of Proposed Work (NPW2). Regulatory agencies had 45 days (June 1) to review and approve this second submittal. As of July 20, all items were approved.

Work Status: SMP sediment removal, bank protection, minor maintenance, and instream habitat improvement projects either completed and/or ongoing during this reporting period

WORK TYPE	LOCATION	MUNICIPALITY	DISTRICT/ DIRECTOR	STATUS
Bank protection	Adobe Creek at Baylands	Palo Alto, Mountain View	7 (Kremen)	Completed 9/26/18
Sediment removal	Adobe Creek from Highway 101 to Middlefield Road	Palo Alto	7 (Kremen)	Completed; 9/29/18
Bank protection	Thompson Creek upstream of Yerba Buena Avenue	San Jose	1 (Varela)	Completed; 10/1/18
Sediment removal	Golf Creek downstream of Camden Avenue	San Jose	4 (LeZotte)	Ongoing; started 6/18/18
Bank protection: rodent control	Coyote Creek upstream of Highway 237*	San Jose	3 (Santos)	Ongoing; started 6/25/18
Bank protection	Stevens Creek downstream of El Camino Real*	Mountain View	7 (Kremen)	Ongoing; started 7/11/18
Bank protection: rodent control	Coyote Creek downstream of Highway 237*	Milpitas	3 (Santos)	Ongoing; started 7/16/18
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)	Ongoing; started 7/19/18
Sediment removal	Matadero Creek from West Bayshore Road to Louis Road*	Palo Alto	7 (Kremen)	Ongoing; started 8/7/18
Minor maintenance: concrete repair	Matadero Creek at West Bayshore Road*	Palo Alto	7 (Kremen)	Ongoing; started 8/7/18
Instream habitat improvement	Alamitos Creek upstream of Mazzone Drive	San Jose	4 (LeZotte)	Ongoing; started 9/12/18
Sediment removal	Barron Creek from Highway 101 to Louis Road	Palo Alto	7 (Kremen)	Ongoing; started 9/17/18
Bank protection: rodent control	Guadalupe River downstream of Gold Street	San Jose	3 (Santos)	Ongoing; started 9/18/18
Bank protection	Stevens Creek downstream of Fremont Avenue	Los Altos, Sunnyvale	7 (Kremen), 5 (Hsueh)	Ongoing; started 9/21/18

*work performed by contractor

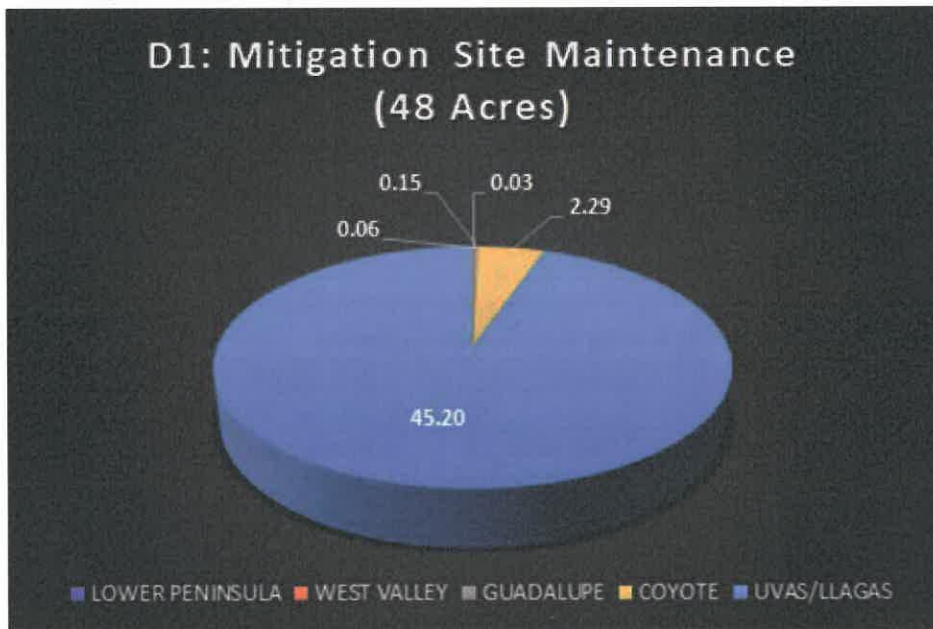
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The information in the project report on page 1 has been provided by District staff for SMP work between September 22 and October 4, 2018. As information is gathered, some of the data reported here may change.

Safe Clean Water Priority D1: Management of Revegetation Projects

Mitigation Site Maintenance

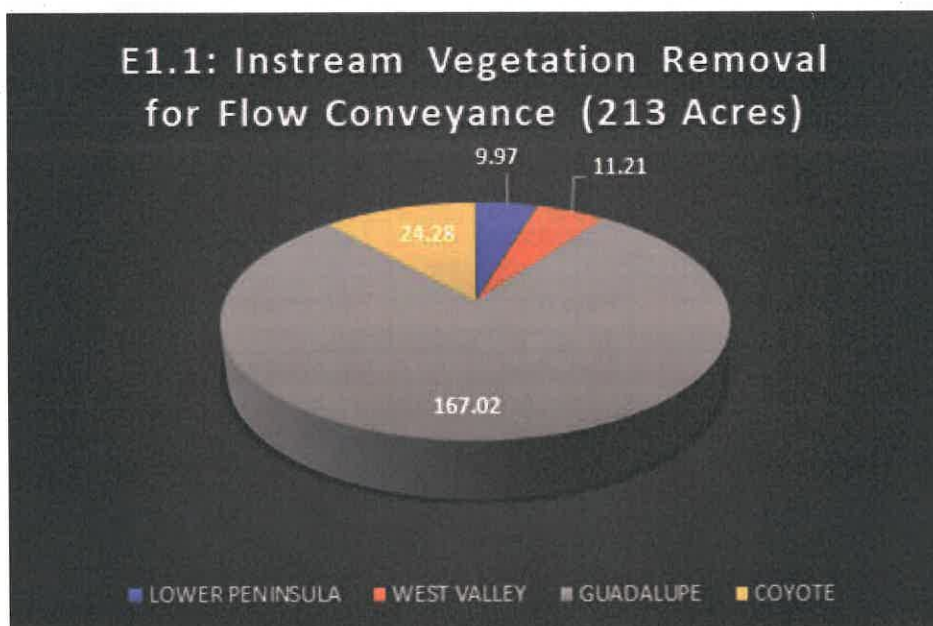


This Safe Clean Water (SCW) project supports District maintenance of at least 300 acres of existing revegetation projects throughout the five watersheds and provides for maintenance of future revegetation sites.

The chart at left shows the work completed within this reporting period.

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 reporting period.

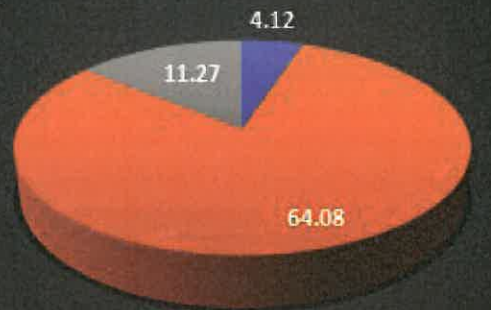
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Safe Clean Water Priority E.1.4: Vegetation Management for Access

Access Pruning, Weed Abatement, Upland Herbicide Application

E1.4: Upland Vegetation Removal for Access & Fire Code Compliance (68 Acres)



■ GUADALUPE ■ COYOTE ■ UVAS/LLAGAS

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 reporting period.

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

Summary of September 2018 Office of Communications activities



Water Conservation Campaign

The Water Conservation Campaign continues with advertisements running in newspapers, online and social media. Ads are scheduled to run until mid-November.

As part of a community-based social marketing campaign staff has collected results from the previously distributed survey for graywater workshop participants. Results will be analyzed to deduce and rank barriers and benefits that would help modify outreach. Staff is also evaluating outreach strategies for the landscape conversion program based on a community-based social marketing campaign model designed by the California Water Efficiency Partnership in conjunction with Long Beach Water Department and East Bay Municipal Utilities District.

Flood Awareness Campaign

Staff continues working on the annual floodplain mailer as well as media placement strategy for the 2018-19 flood awareness campaign. The target distribution date for the floodplain mailer and launch date for the multi-media advertising campaign is mid-November.

During September, staff distributed safety messages for National Preparedness Month on social media as well as on Nextdoor on behalf of each Board Director. Staff continues working on targeted community outreach in flood-prone areas. During the month of September, staff attended five community events, including one safety fair, and shared copies of the 2017 floodplain mailer, information on emergency preparedness and flood insurance, and emergency starter kits. Chair Santos, Vice Chair LeZotte, Director Varela and Director Estremera attended the Santos Family Car Show, and Director Varela attended the Taste of Morgan Hill. Three of these events were near vulnerable flood zones along Llagas Creek, Coyote Creek and Permanente Creek.

Media, Communications and Social Media Activities

For the month of September, staff wrote and posted nine blog posts on Valleywaternews.org on the following subjects:

- Pacheco Reservoir Expansion Project would provide benefits to the Delta
- It's September, time to get ready
- Innovative study could transform wastewater treatment
- Purified water: The next frontier in recycled wastewater
- Lawn-busting mission with Our City Forest continues
- Stream maintenance for flood protection
- Bill inspired by Coyote Creek flood now pending governor's signature
- We're one of the healthiest workplaces in America!
- Water District continues to provide recreation opportunities

A guest column was prepared for Director Varela for the Santa Clara County Farm Bureau on water district recreation opportunities.

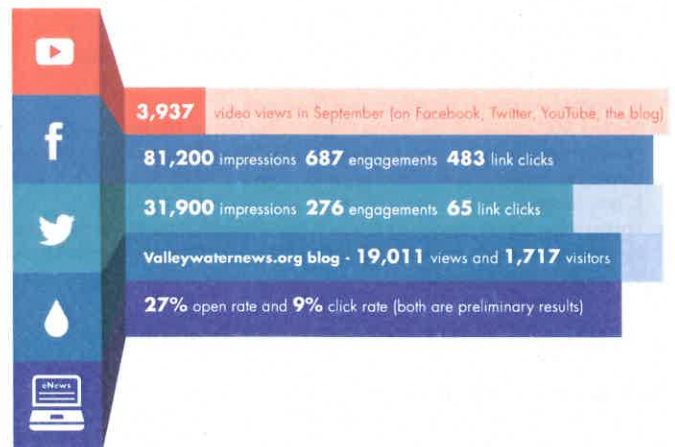
A news release was sent on the topic of Governor Brown signing Senator Wieckowski's South Bay Shoreline Project funding bill. Interviews were conducted with Director Keegan about the Upper Guadalupe Flood Protection Project, with Director Varela about South County's water supply, and with Chair Santos about the Board retreat. Information was provided to the Mountain View Voice by Director Kremen on encroachments, and staff provided information to the Mercury News about Anderson Dam.



Staff was interviewed for the Bay Area Monitor, a League of Women Voters publication, about the water district's proposed pilot project to use Unmanned Aerial Vehicles (drones) for mapping, photography, outreach and other purposes.

A Facebook message from the chair thanked volunteers for their time and efforts during Coastal Cleanup Day.

Statistics for Facebook, Twitter, valleywaternews.org blog, video and eNews are below. Impressions are the number of times a post is displayed in a newsfeed, Twitter stream, etc. Engagement is the number of times a user interacts with a post, such as a retweet, like, comment, click and more. Page views are the number of people visiting a particular page on a website.



Internal Communications

News You Can Use was sent to all employees each Tuesday and Thursday, and seven all-user e-mails were sent in September. The monitors in the lobby and cafeteria were kept up-to-date, as was Aqua Go, the employee mobile app.

Community Outreach Activities

For the month of September, the Community Outreach Activities were:

- Main Avenue and Madrone Pipeline Restoration Project

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For the month of September, the Community Outreach Activities were:

- Main Avenue and Madrone Pipeline Restoration Project
 - Posted a Nextdoor message and sent an e-mail blast notifying the public of a temporary change to work hours 9/7/18 (Director Varela)
 - Corrected and installed water district sign along the Madrone Channel. New sign reads "Imported water from the Sierras and other local sources replenishes South County's drinking water." 9/28/18 (Director Varela's district, replacement at the request of Director Kremen)
 - Provided CEO bulletin and non-agenda update on Madrone Channel sign replacement, 9/21/18 (all directors)
- Anderson Dam Seismic Retrofit Project 9/26/18 (Director Varela)
 - Sent postcard invitation for public project update meeting to be held on October 24, 2018,
 - Coordinated with the City of Morgan Hill to disseminate public meeting information via city's social media platforms and e-mail channels
- Mailed a notice and posted a Nextdoor update for the Lower Berryessa Creek Flood Protection Project announcing changes to weekend work hours, 9/28/18 (Chair Santos)
- Edited and posted three articles on the Reliability Improvement Project blog on the following subjects (Director Kremen):
 - Recap of neighborhood customer service survey
 - Protection of the district's water supply
 - Minimizing infrastructure impact on the environment
 - Upper Guadalupe project website and fact sheet updated 9/27/18 (Director Keegan)
- Stream Maintenance Program (9/17/18)
 - Mailed approximately 4,900 mailers to communities impacted by creek side projects scheduled for this season. (all directors).
 - Created and distributed reusable construction signs for each of the four main work types: erosion and bank repair, sediment removal, vegetation management, and instream habitat improvement (all directors).
- Refreshed Coyote Creek Levee Rodent Damage Repair — Upstream and Downstream of Highway 237 projects, construction signs, web content, and fact sheet 9/13/18 (Director Varela)
- Upper Penitencia Creek Project — 10/2 public project meeting, Communications (Chair Santos)
 - Mailed 10,000 invitations
 - Posted meeting invitation information to 17 Nextdoor communities (Chair Santos)
 - Created events on Nextdoor and Facebook
- Mailed 500 copies of the Santa Clara Valley Water District Board of Director's annual workplan to Santa Clara County libraries. (all directors)
- Upper Penitencia Creek webpage and project shell updated 9/26/18 (Chair Santos)
- Posted information regarding the start of construction on the Uvas Creek Levee Rehabilitation Project to surrounding neighborhoods on Nextdoor, 9/7/18 (Director Varela)

Graphics and Design Activities

Publications Created

- 2017 Groundwater Annual report
- Board Work Plan booklet for FY 2018-19
- Fluoridation at a Glance and Disaster Service Worker Guide updates

Mailer and Outreach Materials Created

- Map flyer with cleanup sites and social media graphics for 2018 Coastal Cleanup Day
- Display board for Upper Penitencia community meeting
- Purified Water Cycle booklet for Seniors Day
- Vegetation collage layout for Coyote Creek mailer
- Stream Maintenance Program countywide mailer
- Anderson Dam postcard invitation
- Lower Berryessa Creek Project mailer
- Upper Penitencia postcard invite

Signs Created

- SMP sign update for bank protection in Alamitos
- SMP trail sign template
- Construction sign for Uvas Creek Levee Repair Project
- Bus and canopy sign for seniors day
- Adopt-a-Creek signage for Guadalupe River, Los Gatos, San Thomas Aquino and Saratoga Creeks
- Madrone Channel sign replacement

Advertisements Created

- 2018 Coastal Cleanup Day newspaper ads
- Public notice ad for 2019 on-call geotechnical engineering services
- Sponsorship ad for Bay Area Diwali festival

Internal Support Materials Created

- Multi-cities logo diagram for PowerPoint slide presentation for Community Rating System communities
- Water Supply Master Plan key projects timeline
- Legislative Policies and Proposal book cover for Chiefs meeting
- Cover reports for Emergency Action Plan and Coyote Creek Flood Protection Project Problem Definition report
- Cover and spine label for the FY19 Emergency Operations Plan report
- One-pager monthly report for Office of Government Relations, Civic Engagement and Office of Communications
- Strengths Finder chart for External Affairs division
- Web graphics for Continual Improvement website
- Potable reuse utilization rate changes infographic
- 2019 summer internship flyer and map flyer for job applicants
- Watershed Decisions Map for capstone presentation
- District map plotter print/resize for a Board member
- Campus facility maps handouts for Headquarters and Administrative building office receptionists
- PowerPoint support of Groundwater Benefit Zone infographics for Chief Financial Officer and rebranding efforts and focus groups strategy for Communications manager

Upcoming October Activities

- Oct. 2, Upper Penitencia Project Update Public Meeting (Chair Santos)
- Oct. 24, Anderson Dam Project Update Public Meeting (Director Varela)
- Oct. 30, Coyote Warehouse Tour & Project Update Public Meeting (Chair Santos)
- Update on the construction status of the Rancho San Antonio detention basin to be developed and distributed (Director Kremen).
- Nextdoor postings for the start of street repairs near the Rinconada Water Treatment Plant and project team presentation to the Town of Los Gatos Council (Director Kremen)
- Mailing of a neighborhood update on the Reliability Improvement Project at the Rinconada Water Treatment Plant (Director Kremen)
- Mailing of a neighborhood update to residents along Coyote and Saratoga creeks regarding vegetation plantings (Directors Keegan and Hsueh, respectively)
- Mailing of a neighborhood update on the Almaden Lake Improvement Project (Director LeZotte)
- Mailing of a neighborhood update on construction activities related to the Shoreline Project (Chair Santos)
- Mailing of San Francisco Creek, Bay to 101 Project Winter Preparedness flyer



YOUTH COMMISSION

Youth Commission met on September 12 and staff is working with its leadership in preparing a report to the board regarding two projects the Commission has incorporated in its 2018-2019 workplan:

1. A request for the District to sponsor a special award during the 2019 Synopsis Annual Science Fair.
2. A request for the District to lobby to strengthen the penalty provisions of SB 407, a water conservation bill.

CREEK STEWARDSHIP

ADOPT A CREEK

DATE	ADOPT A CREEK PARTNER	# OF VOLUNTEERS	LBS. OF TRASH	# OF CREEK MILES
Sept 20, 2018	Dave Lane	1	45	1.5

Two new Adopt-A-Creek Partners (AAC) were engaged in September:

- Cisco Systems
- Cambrian Academy – Green Team

COASTAL CLEANUP DAY

The 34th Annual Coastal Cleanup Day was on Saturday, September 15th.

- More than 1,900 volunteers cleaned up 47 county-wide sites.
- Approximately 57,000 lbs. of trash from our waterways was removed.
- Over 14 agencies were engaged including public agencies, businesses and non-profit groups.



Chair Santos along with other district staff and members of the public after picking up trash at the Coyote Creek Outdoor Classroom Site

SIGNAGE

Staff has collected data on sign locations and conditions for over 800 signs throughout the county. Staff is continuing its effort to locate and collect data on signage located in and around the creeks. Staff is currently working with internal subject matter experts to prioritize the replacement of signage and to identify the locations where additional signage may be needed. Additionally, staff will be working to develop a standard process for processing new or replacement signage.



Damaged interpretive sign at Uvas Reservoir



Sun damaged creek marker sign at Llagas Creek

SAFE, CLEAN WATER GRANTS AND PARTNERSHIPS

Two mini-grant projects were completed during the month of September:

- San Francisco Bay Bird Observatory (SFBBO) received a \$3,000 mini-grant for their California Gull Monitoring Survey Project.
- Smart Yard Co-op, a Sustainable Landscaping Cooperative, received a \$5,000 mini-grant for their Earth Day Community Awareness Project.



Participants attending SmartYard Co-op's Earth Day Community Awareness Event

EDUCATION OUTREACH

- In September, Education Outreach engaged 412 students and 481 members of the public for a total of 893 participants.
- Activities included two tours at our outdoor classrooms, support for the Senior Day at the purification center, seven library presentations and a high school career fair that focused on careers in the water industry.
- Members of Education Outreach also supported Coastal Clean Up Day at the Coyote Creek Outdoor Classroom Site and engaged with members of the community.



5th grade students engaged in groundwater demonstration at Edith Marley Park

EDUCATION OUTREACH ACTIVITIES SEPTEMBER

DAY	DATE	LOCATIONS	COUNTS
Tuesday	Sept. 4	Tully Community Library	28
Wednesday	Sept. 5	Pioneer High School Career Fair	300
Friday	Sept. 7	Senior Day Event	256
Thursday	Sept. 13	Willow Glen Library	85
Thursday	Sept. 13	Seven Trees Library	9
Wednesday	Sept. 19	Martin Luther King Library	29
Tuesday	Sept. 25	Outdoor Classroom presentation	56
Tuesday	Sept. 25	Almaden Library	39
Wednesday	Sept. 26	Outdoor Classroom Presentation	56
Thursday	Sept. 27	Biblioteca Library	12
		Total	893

RECYCLED AND PURIFIED WATER OUTREACH

- Hosted 12 tours of the SVAWPC, attracting 286 attendees.
- Senior Day was held on Friday September 7, and attracted 256 seniors/older adults to the Silicon Valley Advanced Water Purification Center (SVAWPC).
- Hosted a recycled and purified water informational booth for District employees at the Organization for Latino Affairs (OLA) Employee Resource Group's Hispanic Heritage Month event on Wednesday, September 26.

PURIFICATION CENTER TOURS SEPTEMBER

DAY	DATE	TOURS	COUNTS
Friday	Sept. 7	Senior Day Event (11 public tours)	256
Wednesday	Sept. 12	Water Resource Management Leaders	30
		Total	286



Chair Santos welcomes first group of seniors at Senior Day event



Seniors listen attentively during the Senior Day event

LOOKING AHEAD

- Staff will continue to tape video testimonials with community influencers for the purified water winter campaign. Next taping is tentatively **October 19**.
- The purified water social marketing campaign to promote the public tour program will run from **October through December**. Social media posts, targeted ads and videos supporting the campaign in English, Spanish, Vietnamese and Mandarin.
- Staff will continue to schedule school and library presentations; and support San Jose State University with hands-on "Watershed-In-A-Box" curriculum.
- Staff will incorporate "Imagine A Day Without Water" messaging during presentations on **October 10**.
- Staff will engage the public at local events: East Side Adult Education Resource Fair, "Pumpkins-In-The Park" at Discovery Meadow and "Safe and Green Halloween" at McKinley Elementary.