



Valley Water

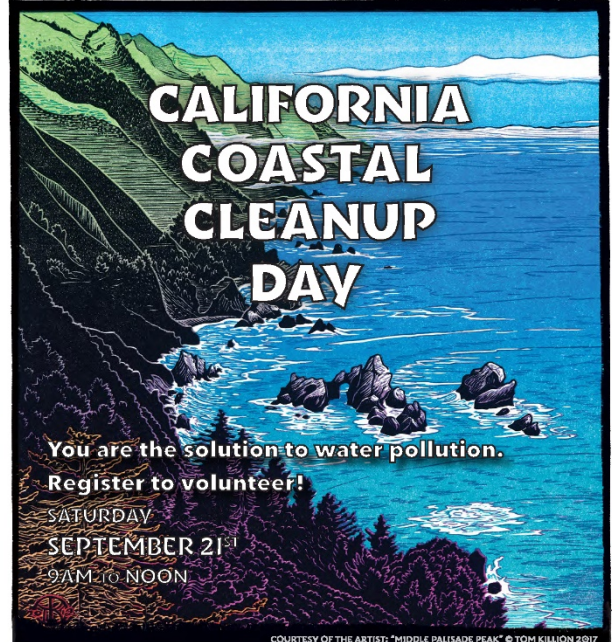
Clean Water • Healthy Environment • Flood Protection

Santa Clara Valley Water District

**Municipal Regional Stormwater
Permit**

**Annual Report
FY 2019-2020**

September 30, 2020



Join the fun and help pick up litter.
For more information:
www.cleanacreek.org
volunteer@valleywater.org
#CCD2019





September 30, 2020

Mr. Michael Montgomery
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: Santa Clara Valley Water District
FY 2019-2020 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by the Santa Clara Valley Water District (now also known as Valley Water) pursuant to Permit Provision C.17 of the California Regional Water Quality Control Board, San Francisco Bay Region, Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No. CAS612008. Valley Water's Annual Report highlights and accomplishments are provided below.

Due to the COVID-19 pandemic, the Statewide shelter-in-place Executive Order N-33-20 issued by Governor Newsom, and the Order of the Health Officer of Santa Clara County, SCVURPPP members notified Dr. Tom Mumley and Keith Lichten of your staff on April 1, 2020 that they anticipated not being able to address certain MRP 2.0 requirements or reporting provisions during the current public health crisis. The requirements and provisions in question (described in an attachment) were those that could not be implemented with appropriate social distancing so as to mitigate health risks to relevant municipal employees or contractors and, ultimately, their families and other members of the public, or which may not be achievable with reduced agency staffing availability due to illness, exposure, or reassignment to more urgent public health priorities, including duties as California disaster relief workers and staffing of Emergency Operations Centers and other pressing public health needs.

Valley Water continued to affect good faith compliance with MRP 2.0 otherwise and continued activities necessary to protect the public from a further imminent public health threat (should that condition be identified in association with their municipal stormwater discharges) and to protect water quality. This Annual Report describes any modifications that were made to the extent, procedures, and/or timing of activities required in relevant sections of the MRP to achieve compliance under the current circumstances.

Valley Water is reporting on the MRP provisions that apply to this agency. As a flood protection, water supply, and stewardship agency, not all the MRP permit provisions apply to Valley Water due to lack of land use authority, and therefore it may appear that information is not present. Valley Water has indicated which sections of the Annual Report do not apply.

Stormwater Program Highlights and Accomplishments

Valley Water remains active in its capacity as the Chair of the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) Management Committee. Valley Water also remains active in many of the Ad Hoc Task Groups that support the implementation of the various permit provisions. In addition, Valley Water represents SCVURPPP at the Bay Area Stormwater Management Agencies Association



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(BASMAA) Board of Directors and several workgroups. Components of the voter-approved Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water) incorporate water pollution prevention and pollution reduction activities. Specifically, Priority B is to Reduce Toxins, Hazards and Contaminants in our Waterways. In addition, Valley Water remains active in promoting green stormwater infrastructure, including updating the Valley Water Board of Directors on Stormwater Resource Plans in 2019 and promoting its rebate programs for installation of rain gardens and rain barrels during FY19-20.

Section C.2 Municipal Operations

Valley Water owns and maintains four corporation yards; one vehicle maintenance and parking facility (Corporation Yard) and three material storage facilities (Winfield Facilities, Brokaw Storage Yard, and Camden Storage Yard). Each Valley Water corporation yard has a site-specific Storm Water Pollution Prevention Plan (SWPPP). Valley Water continued implementation of the storm drain inspection and cleaning program. During FY19-20, facility maintenance staff inspected storm drains at their facility monthly between July and September of 2019. Inspections were completed for Valley Water corporation yards, and BMPs were implemented according to site specific SWPPPs. Training for new facilities maintenance staff occurred in June and July of 2020.

Section C.5 Illicit Discharge Detection and Elimination

Emergency Response Program

Valley Water addresses illicit connection/illegal dumping (IC/ID) incidents effectively through its hazardous materials Emergency Response (ER) Program. Valley Water received and responded to a total of 86 emergency response reports throughout Santa Clara County during FY 19-20, one fewer than in FY 18-19. Of these, 78 were within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), were discharge events that reached a waterway, and 38 required a field response by a team member or members for general investigation, source identification, multi-agency coordination, and clean up or evidence collection. Valley Water is one of the few Santa Clara County Permittees that has 24-hour availability to conduct storm and stream water pollution investigations. Valley Water staff will, as needed, investigate, and collect evidence at a site that can later be transferred to the appropriate jurisdictional authority on the next business day. Jurisdictional authority could reside with a co-permittee, state, or federal agency. Valley Water responded within target field response time 100% of the time for all incidents requiring urgent field response.

Water Resource Protection Ordinance Code Enforcement Program

To protect Valley Water owned public lands, Valley Water regulates use of the agency's property through the Water Resources Protection Ordinance. The Water Resources Protection Manual, which includes measures to protect the riparian corridor, is utilized for case development. The Community Projects Review Unit's Code Enforcement Program processed 240 cases in FY 19-20. Forty percent were encroachment violations. Encroachments (unauthorized private use of Valley Water's property) often occur on creekside or near-creekside lands. They can have negative impacts on the stream environment due to increased erosion from irrigation and overland drainage; the potential for the introduction of pesticides into the creek; planting of non-native and invasive plant species in the riparian corridor; grading of creek banks; and dumping. Valley Water has been protecting creekside public lands by remediating encroachments for over 40 years. Approximately 21% of the cases were for illegal dumping on Valley Water property, which is predominately creekside. Dumped items consisted of materials such as soil, yard clippings, and pet waste. Drainage issues included discharges to creeks from backyard pools.

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Water Waste Inspector Program

In September 2014, Valley Water initiated the Water Waste Inspector Program and created advertisements for how people can report water waste. Water Waste reports are received from citizens through Access Valley Water, the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to one of two Water Waste Inspectors, who then visit the site and ultimately lead to a significant degradation of stream water quality. One goal of the Water Waste Inspector Program is to address all water waste reports within 24 hours of receipt. During Shelter-in-Place orders due to the COVID-19 pandemic, Water Waste Inspectors instead will mail letters to the property notifying them of the source of the water waste and Valley Water programs that could assist in resolving the concern. In FY 19-20, all 272 water waste reports were responded to and resolved.

Section C.7 Public Information and Outreach

Valley Water serves a community of nearly 1.9 million countywide and has excellent outreach programs to many sectors of the community. Key elements include:

- A popular Education Outreach Program
- A Youth Commission
- A growing Adopt-A-Creek Program
- Creek cleanup events supporting citizen participation
- Attendance at community events targeting the general public
- A Grant Program that provides funding to several programs that include community engagement and public outreach components, such as conducting trash cleanup events, implementing docent-led walks, and creating interpretive displays
- Flood Awareness Guide and Creekwise Mailer, which include stormwater pollution prevention messages

Valley Water's website continues to provide updates to the community, including storm water pollution prevention messages. Our on-line maintenance request form (Access Valley Water) empowers citizens to report dumping or waterway-related problems and allows them to send messages to the appropriate watershed staff. The site also includes a link to the SCVURPPP website, where other storm water pollution prevention program materials can be found. Valley Water uses numerous methods to conduct outreach, including written brochures, radio, newspaper, social media (e.g., Facebook and Twitter), website, blogs, in-class presentations, library programs, educational tours, community events and workshops. The variety of outreach methods ensures that many segments of the Santa Clara Valley population are being reached, including residents, businesses, students, as well as people from other locations.

Valley Water's Education Outreach Program (EO) serves a diverse population and responds to the needs of schools and groups throughout the County. Programming is consistent with State Standards and regularly integrates messages and priorities of other Valley Water units and programs. The program provides age-appropriate classroom presentations, teacher training workshops in water education, and tours to help students understand and appreciate their local water resources and to promote watershed stewardship and pollution prevention. Programs include: hands-on experiments, and experiential learning, urban runoff & storm water (Enviroscape model used), groundwater education (Groundwater Model used to demonstrate effect of pollution on groundwater supplies), pollution prevention-with a focus on waste reduction (using programming that focuses on the impact of plastics in our watersheds and on the hidden water footprint in products that are used and consumed), flood awareness and preparedness, water conservations tips, weather observation & climate science, water cycle activities, information about careers in the water industry, stream and watershed stewardship, and Valley Water water distribution

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and water quality. During school tours at Valley Water's outdoor classrooms, the EO highlights the importance of pollution prevention through Enviroscope demonstrations and activities that focus on the importance of wetland habitats and the impacts of pollution on salmonid species. During tours, EO also emphasizes creek clean-up opportunities by promoting the Adopt-A-Creek program, Coastal Cleanup Day and National River Cleanup Day events and emphasizes the importance of waste-reduction. During Classroom visits, the Education Outreach Program team always addresses the importance of protecting our waterways and reducing pollution and presents hands-on lessons with a specific focus on pollution-prevention; a Sesame Street-themed conservation puppet show for pre-school and kindergarten, Creek Story, Who Dirtied The Bay?, Watershed Maps, The Wetlands Game, and Salmon Survival activities for 2nd-5th grades, Sum Of Its Parts, Plastic Voyages, Hidden Water and Dilemma Derby for 6th – 8th grade students, and Plastic Voyages, Hidden Water and "Parts Per Billion" for high school students. Due to the COVID-19 pandemic, Valley Water developed distance learning options including "What is a watershed" (<https://www.valleywater.org/learning-center/teachers-students/distance-learning>).

Valley Water provides significant support for the following citizen involvement events: National River Cleanup Day and Coastal Cleanup Day, by chairing the Creek Connections Action Group, providing meeting support and supplies, coordinating the site coordinator training and supply pickup meetings, staffing the phones on the day of the events and reporting results to the California Coastal Commission on Coastal Cleanup Day. Valley Water also administers the Adopt-A-Creek Program, providing cleanup supplies, assigning adoption areas, and pickup of collected trash. The 2020 National River Clean Up day was canceled due to the COVID-19 Pandemic. The Adopt-A-Creek program was paused from March to August 2020.

Valley Water administers a grant program which includes pollution prevention and education grants (Projects B3 and B7 in the Safe Clean Water program). For information on the grant program, please see the Safe Clean Water and Natural Flood Protection Program annual report, which will be posted to <https://www.valleywater.org/project-updates/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive>.

Section C.8 Water Quality Monitoring

C.8 monitoring activities required in the stormwater permit are implemented at either the regional level through BASMAA, or the county-wide level through SCVURPPP. Valley Water participates directly in SCVURPPP's Monitoring and Pollutants of Concern Ad Hoc Task Groups and monitoring projects, reviewing plans and reports; facilitating access to monitoring locations; and observing field monitoring efforts.

Section C.9 Pesticide Toxicity Controls

Valley Water uses pesticides as one of the tools for pest management on its properties and facilities. The primary category of pesticides used is herbicides. In all cases, pesticide products are used only after an assessment has been made regarding environmental, economic, and public health aspects of each of the alternatives, in accordance with Valley Water's Integrated Pest Management (IPM) policy. Only employees authorized and trained to apply pesticides can use them at work. No over-the-counter pesticides are allowed in or around the workplace.

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Section C.10 Trash Load Reduction

During FY 19-20, Valley Water was instrumental in removing approximately 11,568 cubic yards of trash and debris from various waterways in Santa Clara County. These clean ups are primarily conducted through Valley Water's Safe, Clean Water Program-Project B4, Good Neighbor Program: Encampment Cleanup. Other cleanups were joint operations through a Memorandum of Agreement (MOA) with the City of San Jose. The MOA outlines the coordinated efforts to clean up homeless encampments, creek trash rafts, and other areas heavily impacted by trash and litter. Valley Water also disposed of a significant amount of hazardous waste through the voter approved Safe, Clean Water Program Priority B, Project B-5, Hazardous Materials Management and Response.

In FY 19-20, Valley Water's encampment cleanup program removed more than 9,536 tons of trash and debris from encampments. Following the CDC guidance suspending homeless encampment abatements during the pandemic, local agencies, including Valley Water, have ceased encampment cleanups until further notice. Valley Water continues to facilitate the Homeless Encampment Ad Hoc Committee to discuss homelessness and encampment issues, and to bring recommendations back to the Board. The Committee is open to the public and includes participation from partner agencies, nonprofits, and the public. Valley Water cleaned trash hot spots and trash booms as required by the MRP and performed additional litter and graffiti cleanups.

In October 2019, Valley Water presented and participated on a panel at the California Stormwater Quality Association (CASQA) conference in Monterey discussing environmental and water quality impacts from homeless encampments in riparian zones and the role of stormwater agencies in addressing homelessness. Valley Water also presented on the costs, benefits, and challenges of trash booms as an alternative trash capture device during the conference. Valley Water continues to track and research best practices, including providing trash bags to homeless individuals to bag their trash, which is being implemented as a pilot in cooperation with the City of San Jose. During FY19-20 Valley Water assisted the City of San Jose by removing 26 cubic yards of trash under the pilot program. In May 2019, Valley Water signed an agreement with San José Police Department to fund a pilot program for San José Police to conduct patrols along local waterways. The police department patrol agreement was extended in January 2020. Due to the COVID-19 pandemic, patrols were suspended in March 2020. Valley Water continues to fund a California Fish and Wildlife Service Game Warden position for waterway patrols.

The tables below show trash removal, costs for trash removal, and partnership grants that are part of Valley Water's Safe Clean Water program. Additional trash removal information related to grants is included in Appendix A1.

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E-1: Estimated volume of trash removed by project for Projects B1, B2, B4, B6 and B7¹

Project	Estimated Trash and Debris Removed in Tons and Cubic Yards (CY) ²			
	FY14-FY19		FY20	
	Est. Tons	Est. CY	Est. Tons	Est. CY
B1: Impaired Water Bodies Improvement (KPI #3: Trash accumulation point mapping and removal) ³	23.05	230.5	9.9	98.5
B2: Interagency Urban Runoff Program (KPI#1: Trash booms) ⁴	5.427	54.22	0.9	9.47
B2: Interagency Urban Runoff Program (Hot spot cleanup)	20.924	205.24	2.2	21.74
B4: Good Neighbor Program: Encampment Cleanup ⁵	5,704	79,853	681.0	9,536
B6: Good Neighbor Program: Remove Graffiti and Litter ⁵	605	8,453	124.0	1,737
B7: Volunteer Cleanup Efforts and Education (KPI #2: Cleanup day events) ⁶	286	2,853	26.5	165
Estimated Totals	6,644	91,649	844.5	11,568

¹Grants and partnership trash removal information for Projects B3 and B7 are included in Table E-4.²Some estimates may have slightly varied from past annual reports due to a refinement of the conversion from cubic yards to tons; and/or data that was processed after the previous report was developed.³The trash accumulation point mapping started in FY16. Due to high flows during the winter of FY17, re-mapping was delayed and conducted in May and June 2017. Trash identified as part of this mapping effort will be cleaned in FY18.⁴The San Francisco Bay Regional Water Quality Control Board has requested that all stormwater permittees report trash in volume rather than weight. Volume is a more meaningful measure of the trash present because it is not affected by the weight of wet vs. dry trash. For Projects B1 and B2, volume is visually estimated in the field and likely includes some vegetation and debris. Where data was only collected in weight, a conversion was used based on a solid waste calculator estimating 10 cubic yards per ton. Prior conversions were not consistent; as a result, the numbers in this table may not match previously reported numbers.⁵Tons were converted to cubic yards using an estimate of 14 cubic yards per ton, which is based on a comparison with industry standard conversions and a watershed field operations field experiment and analysis. Project B4 and B6 quantities are based on landfill weights measured in tons.⁶Project B7 grants and partnerships (KPI #1) and Adopt-A-Creek Program (KPI #2) are not included. Grants and partnerships information is included in Table E-4. Data is currently not available for the Adopt-A-Creek Program because the trash is removed by volunteers who do not consistently measure or report their results. Volunteers use number of bags and approximate weights to estimate pounds. Using pounds simplifies measurement for volunteers and is consistent with the efforts of other jurisdictions implementing Coastal Clean Up and National River Clean Up days. Pounds were converted to tons (2,000 pounds = 1 US ton). Tons were then converted to cubic yards using an estimate of 10 cubic yards per ton. For Project B7 cleanup day even totals, the Safe, Clean Water Program funds 55% of this project.

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E-2: Estimated volume of trash removed by watershed for Projects B1, B2, B4, and B6¹

Project	Estimated Cubic Yards of Trash and Debris Removed ²	
	FY14-FY19	FY20
Lower Peninsula	1,143	174
West Valley	2,061	707
Guadalupe	15,976	3,432
Coyote	60,506	4,985
Uvas/Llagas (Pajaro)	8,766	2,095
Estimated Totals	88,452	11,393

¹Watershed information is not reported for Projects B3 and B7.²Some estimates may have slightly varied from past annual reports due to a refinement of the conversion from tons to cubic yards and the timing of collecting the annual estimates.**E-3: Estimated cost of trash removal activities for Projects B4, B6, and B7¹**

Project	Estimated Cubic Yards of Trash and Debris Removed ²	
	FY14-FY19	FY20
B4: Good Neighbor Program Encampment Cleanup	\$6,479,968	\$841,644
B6: Good Neighbor Program: Remove Graffiti and Litter²	\$2,517,113	\$823,597
B7: Volunteer Cleanup Efforts and Education	\$737,924	\$68,000
Estimated Totals	\$9,735,005	\$1,733,241

1 Cost information for trash removal activities are not available for Projects B1 and B2 because project budgets are tracked as a whole and not by specific KPI. Grants and partnership cost information for Projects B3 and B7 are included in Table E-4.

2 The Project B6 estimated totals were revised based upon the FY18 audited financials and revised Maximo reporting calculations.

Valley Water continued to coordinate local California Coastal Cleanup Day and National River Cleanup Day activities in Santa Clara County, however due to the COVID-19 pandemic, National River Cleanup day was canceled. In this role, Valley Water coordinates and organizes countywide volunteers by identifying potential cleanup locations on a web-based system. Graphics showing the results of Coastal Cleanup Day are shown below. Additional information can be found at www.cleanacreek.org.



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Section C.11 Mercury Controls

Valley Water owns and operates three reservoirs (Almaden, Calero, and Guadalupe reservoirs) and one lake (Lake Almaden) within the Guadalupe River Watershed that were included in the Clean Water Act (CWA) Section 303 (d) list as impaired due to mercury in 1999. A Basin Plan amendment, adopted in 2008 by the SFBRWQCB, established new water quality objectives and Total Maximum Daily Loads (TMDLs) for mercury in the Guadalupe River Watershed. In the Guadalupe River Watershed Mercury TMDL (Guadalupe TMDL), it is recognized that Valley Water initiated voluntary applied studies in these water bodies prior to its adoption, and that the continuation of these studies is one means of compliance with regulatory enforceable portions of the Guadalupe TMDL applicable to Valley Water. Valley Water's mercury reduction activities are implemented under its Impaired Water Bodies Improvement Program, a component of Safe, Clean Water (Priority B1).

The Guadalupe TMDL establishes a schedule for implementation of treatment controls for the reservoirs, and includes new water quality objectives for mercury in fish tissue and surface water that are to be achieved by meeting target reductions of seasonal maximum methylmercury concentrations in Almaden, Calero and Guadalupe reservoirs and Lake Almaden. Valley Water has implemented treatment controls on schedule in all the above-mentioned water bodies. Specifically, Valley Water operates oxygenation systems at Calero Reservoir, Stevens Creek Reservoir, Guadalupe Reservoir, and Almaden Reservoir to suppress hypolimnetic methylmercury production and conducts studies which are reported in biennial reports to the SFBRWQCB. For more information on this program and the biennial report submitted to the SFBRWQCB please see <https://www.valleywater.org/project-updates/grants-and-environmental-protection/impaired-water-bodies-improvement>

As part of its Stream Maintenance Program (SMP), Valley Water removes sediment from channels and creeks to reduce the potential for local flooding and to meet the requirements of the Federal Emergency Management Agency for flood protection. Valley Water analyzes the sediment for various constituents, including for total mercury, to effectively plan for disposal or beneficial reuse and assist with determining the best management practices to avoid and minimize water quality and aquatic life impacts during sediment removal and disposal. Sediment removal provides concurrent opportunistic removal of mercury. During FY 19-20 Valley Water removed over 31 metric tons of sediment bearing nearly 15 kg of mercury from watersheds flowing to San Francisco Bay.

Section C.15 Exempted and Conditionally Exempted Discharges

Valley Water has several water conservation programs, including residential and commercial conservation programs specifically aimed at reducing runoff and excess irrigation. The Landscape

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Rebate Program provides rebates for replacing high-water using landscapes with low water-using plants and permeable hardscapes, installing rainwater capture components (rain gardens, rain barrels, and cisterns) and for upgrading to efficient irrigation equipment. 786 rebates (\$632K) were issued through this program in FY19-20. Other programs that work toward this goal include the Water Wise Survey Program, which provides free home water audits (an indoor Do-It-Yourself Kit and an outdoor irrigation audit with a trained specialist) for residents in Santa Clara County, and a Landscape Water Use Evaluation Program, which evaluates site water use and provides monthly usage reports. Valley Water also provides free hose nozzles and soil moisture meters.

Valley Water has developed several literature pieces that specifically educate people on irrigation best management practices. Valley Water's Nursery Outreach Program provides water-wise gardening literature to nurseries in the county. Valley Water is also one of the partners for the South Bay Green Gardens website, which promotes sustainable landscaping, including promoting beneficial insects and reducing the use of harmful pesticides in landscapes.


Annual Report

The attached Annual Report provides documentation of activities conducted during FY 2019-2020 and consists of the following:

- A. Certification Statement
- B. Annual Report Form
 - Table of Contents
 - Completed Annual Report Form: Sections 1-15
- C. Appendix

Please contact Ms. Kirsten Struve at (408)-630-3138, or by e-mail at kstruve@valleywater.org regarding any questions or concerns.

Sincerely,

DocuSigned by:

98AF5D55B11A47E... 9/24/2020

Lisa Bankosh
Duly Authorized Representative
Interim Deputy Operating Officer
Watershed Stewardship and Planning Division

Santa Clara Valley Water District FY 2019-2020 ANNUAL REPORT

Certification Statement

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature by Duly Authorized Representative:

DocuSigned by:

98AF5D55B11A47E...

Lisa Bankosh
Interim Deputy Operating Officer
Watershed Stewardship and Planning

Date: 9/30/2020

FY 2019-2020 Annual Report
Permittee Name: Santa Clara Valley Water District

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FY 2019 - 2020 Annual Report

Permittee Information

Permittee Name: Santa Clara Valley Water District

Section 1 – Permittee Information

Background Information					
Permittee Name:		Santa Clara Valley Water District (Valley Water)			
Population:		Valley Water is a non-population based co-permittee			
NPDES Permit No.:		CAS612008			
Order Number:		R2-2015-0049			
Reporting Time Period (month/year):		July 2019 through June 2020			
Name of the Responsible Authority:		Lisa Bankosh		Title:	Interim Deputy Operating Officer, Watershed Stewardship and Planning
Mailing Address:		5750 Almaden Expressway			
City:	San Jose	Zip Code:	95118-3686	County:	Santa Clara
Telephone Number:		(408) 630-2618	Fax Number:		
E-mail Address:		lbankosh@valleywater.org			
Name of the Designated Stormwater Management Program Contact (if different from above):		Kirsten Struve	Title:	Environmental Services Manager	
Department:		Environmental Planning Unit			
Mailing Address:		5750 Almaden Expressway			
City:	San Jose	Zip Code:	95118-3686	County:	Santa Clara
Telephone Number:		(408) 630-3138	Fax Number:		
E-mail Address:		kstruve@valleywater.org			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Valley Water owns and operates the storm water drainage systems at its facilities, including storm drains, catch basins, vegetated swales, open drainage ditches, utility trenches, and storm drain laterals. Valley Water owns and maintains four corporation yards; one vehicle maintenance and parking facility (Corporation Yard); and three material storage facilities (Winfield Facilities, Brokaw Storage Yard, and Camden Storage Yard). Each Valley Water corporation yard has a site-specific Storm Water Pollution Prevention Plan (SWPPP). Storm drains outside Valley Water facilities are owned and operated by the local (city or county) jurisdictions.

Valley Water continued to inspect and clean storm drains at its facilities. Inspections were completed for corporation yards and BMPs were implemented according site specific SWPPPs. Due to facilities maintenance staff turnover during FY19-20, a corporation yard inspection training was developed in June of FY19-20. An online training was sent 6/23/2020 and an in-person training was presented to new facilities maintenance staff on 7/7/2020. The training covered section C.2 requirements including BMP maintenance, how to conduct proper routine inspections, and how to take corrective action within the 10 business days and record service requests and date of corrective actions. Updated inspection forms and maps were provided to staff.

During FY19-20, Valley Water completed rural road and infrastructure repair projects at the Valley Water Coyote Ridge Preserve.

Valley Water staff participates in the Program's Municipal Operations AHTG. Refer to the C.2 Municipal Operations section of the Program's FY 19-20 Annual Report for a description of activities implemented at the countywide and/ or regional level.

C.2.a. ► Street and Road Repair and Maintenance

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments: NA

Permittee Name: Santa Clara County Valley Water District

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C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

NA	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
----	---

NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
----	--

Comments: Valley Water does not conduct Sidewalk/Plaza Maintenance and Pavement Washing at its facilities.

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
----	--

Y	Control of discharges from graffiti removal activities
---	--

Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
---	--

NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
----	---

NA	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
----	---

NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
----	--

Comments: Graffiti on Valley Water property is not removed; it continues to be painted over, predominantly using rollers. We do not spray near standing or flowing water. When spraying is the preferred method, we cover the immediate area with ground cloths. Trucks used for graffiti removal are outfitted with water recovery methods in case a spill were to occur.

Permittee Name: Santa Clara County Valley Water District

C.2.e. ► Rural Public Works Construction and MaintenanceDoes your municipality own/maintain rural¹ roads:☒

Yes

☐

No

If your answer is **No** then skip to C.2.f.

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
Y	No impact to creek functions including migratory fish passage during construction of roads and culverts
Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
Y	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Valley Water's open space properties are evaluated annually for erosion, and repairs are prioritized and scheduled as needed. During the reporting period of July 1, 2019-June 30, 2020, Valley Water completed road and infrastructure repair projects at our SCVWD Coyote Ridge Preserve. All applicable BMPs were implemented during the construction of these projects. No dewatering was needed as a part of the repair work. Repairs were permitted under the Valley Habitat Plan. In addition, where appropriate, permits from the US Army Corps of Engineers, Regional Water Quality Control Board, and California Department of Fish and Wildlife were also secured. All permit conditions were followed.

¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

Permittee Name: Santa Clara County Valley Water Water District

C.2.f. ► Corporation Yard BMP ImplementationPlace an **X** in the boxes below that apply to your corporations yard(s):

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

Valley Water staff inspect corporation yards and facilities monthly or as needed to ensure compliance with the Storm Water Pollution Prevention Plans at the following facilities:

Corporation Yard – Valley Water's Corporation Yard is located on the main campus and includes vehicle maintenance and parking areas, maintenance buildings, a fueling station, wash rack, motor pool parking areas, and heavy equipment parking. The fueling station consists of a concrete-paved fuel island, an overhead canopy, a permanent berm, and a trench to contain minor spills. The wash rack has a concrete pad which drains to an underground sump and clarifier, and ultimately discharges into the sanitary sewer system. Storm drains from Corporation Yard facilities discharge directly to Guadalupe Creek (Outfall A), Guadalupe River (Outfall B), and Alamos groundwater recharge pond. A culvert inlet protection device constructed of cinderblocks, filter fabric, and washed gravels is installed in the heavy equipment parking area at Outfall B.

Winfield Facilities – Valley Water's Winfield facility consists of supply warehouse buildings, a nursery plant storage area, outdoor general storage areas, sand/gravel storage areas, and parking areas. Storm drains from the Winfield facility discharge to Guadalupe River through the municipal storm drain system. Culvert inlet protection devices constructed of cinderblocks, filter fabric, and washed gravels are installed in all material storage areas. Storage piles are typically covered during the rainy season and when not in use.

Camden Yard – Valley Water's Camden Yard is used to store various stream maintenance related materials such as large tree trunks and large rocks. Camden Yard drains directly to Guadalupe Creek. A low berm was constructed along the perimeter of the material storage area to direct stormwater to straw wattles which are designed to settle and filter sediment before stormwater is discharged to the creek. Storage piles are typically covered during the rainy season and when not in use.

Brokaw Yard – Brokaw Yard is used to store large tree and rock material. The site is graded to allow stormwater runoff to drain into a large detention area in the middle of the site. The detention area is designed to detain runoff and settle sediment before discharging into Coyote Creek via a standing pipe and culvert. This is considered a permanent BMP.

Almaden Headquarters Campus and Laboratory – Though not a corporation yard the Almaden Campus utilizes vegetated swales for stormwater treatment and detention in its parking lot, and a vegetated garden for 50% of the drainage from the headquarters building. Valley Water's Laboratory uses a large sand filter stormwater treatment and detention basin for all stormwater runoff of the laboratory building and parking area.

These structures were installed prior to C.3 requirements, but are inspected monthly.

The stormwater quality BMPs are normally visually inspected monthly or on an as-needed basis at Corporation Yard, Winfield Facilities, and Camden Yard. During FY19-20 the Corporation Yard, and Winfield Facilities were not inspected regularly between October 2019 and June 2020 due to staff turnover and the COVID-19 pandemic. Due to the design of the Brokaw Yard facilities, regular inspections are not required.

Accomplishments: Due to facilities maintenance staff turnover during FY19-20, a corporation yard inspection training was developed in June of FY19-20. An online training was sent on 6/23/2020 and an in-person training was presented to new facilities maintenance staff on 7/7/2020. The training covered section C.2 requirements including BMP maintenance, how to conduct proper routine inspections, , and how to take corrective action within the 10 business days and record service requests and date of corrective actions. Updated inspection forms and maps were provided to staff.

Permittee Name: Santa Clara County Valley Water District

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:				
Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Corporation Yard	Equipment Washing Clarifier, Heavy Equipment Parking, Equipment Maintenance shops, Welding Shop, Wood Shop Facilities Shops, etc. BMP's include site inspections; equipment work is conducted inside shop buildings unless equipment is too large. Clarifier and Fuel island are covered to prevent rain problems. Fuel Island is bermed. The drains are inspected and cleaned. A cinderblock, screened and rock BMP exists at one end of the yard to settle out sediment.	7/16/19	No problems observed. BMP's waddles and sandbags in place.	No follow up action necessary. Dumpsters were noted to be covered by October 1.
		8/6/19	No problems observed. BMP's waddles and sandbags in place.	No follow up action necessary.
		9/23/19	No problems observed. BMP's waddles and sandbags in place.	Facilities ticket request submitted 9/24/2019 to cover dumpsters. Dumpsters covered by 10/21/2019.
		10/19-6/20	Inspections were not complete during this time due to staff turnover and COVID-19.	

Permittee Name: Santa Clara County Valley Water District

Windfield Facilities	Vegetation Management Building and operational center, Hardware Warehouse, Sand bagging operations. BMP's include regular inspections, BMP's around storm drains to control sediment build up. Tarp materials piles to prevent erosion. K-rail and dura wattle to contain sand.	7/16/19	Sandbags, cinderblocks and filters surrounding storm inlets are in place. Noted to cover sand pile by October 1.	Cover sand pile by October 1.
		8/6/19	Sandbags, cinderblocks and filters surrounding storm inlets are in place. Noted to cover sand pile by October 1.	Cover sand pile by October 1.
		9/23/19	Leaves accumulated around storm drain inlet at the boat storage area. A cinderblock was broken at the center of the parking lot.	Facilities ticket request submitted 9/24/2019 to cover sand pile with plastic, clean out sediment and leaves from inlet to storm drain #5, and repair cinderblock in the parking lot. All work completed by 10/21/2019.
		10/19-6/20	Inspections were not complete during this time due to staff turnover and COVID-19.	

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C.2 – Municipal Operations

Permittee Name: Santa Clara County Valley Water Water District

Headquarters/Almaden Campus	Parking area for employees, Administrative Building, Headquarters Building, BMP's grassy swales on West and North parking lots.	7/16/19	No problems observed.	No follow up action necessary.
		8/6/19	No problems observed.	No follow up action necessary.
		9/23/19	Leaves accumulated around west grassy swales.	Facilities ticket request submitted 9/24/2019 to clear leaves around west grassy swale. Leaves cleared by 10/21/2019.
		10/19-6/20	Inspections were not complete during this time due to staff turnover and COVID-19.	
Camden Storage Yard	Used to store rock and large woody debris for stream restoration activities. BMP's include a below grade yard that acts as a detention basin with an outlet that is rocked and waddled to capture any sediment as the yard decants.	7/16/19	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		8/07/19	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		9/04/19	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		10/22/19	Soil berm was dry. BMPs were observed and effective. No problems observed.	No follow up actions necessary
		11/05/19	Soil berm was dry. BMPs were observed and effective. No problems observed.	No follow up actions necessary
		12/10/19	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		1/22/20	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		2/4/20	BMPs were observed and effective. No problems observed.	No follow up actions necessary

Permittee Name: Santa Clara County Valley Water Water District

		3/20-4/20	Inspections were not complete during this time due to COVID-19.	
		5/28/20	BMPs were observed and effective. No problems observed.	No follow up actions necessary
		6/30/20	BMPs were observed and effective. No problems observed.	No follow up actions necessary

² Minimum inspection frequency is once a year during September.

Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.b.iv.(2) ► Regulated Projects Reporting

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.

Valley Water does not have land use or regulatory authority over the types of projects that would qualify as Regulated Projects.

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

☐

Yes

☐

NA

No

Comments (optional): N/A

C.3.e.v ► Special Projects Reporting

1. In FY 2019-20, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?

☐

Yes

☐

NA

No

2. In FY 2019-20, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the **C.3.b.iv.(2)** Table, and the **C.3.e.v.** Table.

☐

Yes

☐

NA

No

If you answered "Yes" to either question,

- 1) Complete Table C.3.e.v.
- 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

NA

**C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems
Operation and Maintenance Verification Inspection Program Reporting**

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY18-19)	N/A
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 19-20)	N/A
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 19-20)	N/A
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 19-20)	% ¹

**C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation
and Maintenance Verification Inspection Program Reporting**

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.
Summary: NA
Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).
Summary: NA

¹ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

NA

C.3.j.i.(5)(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

Valley Water stormwater staff have been working closely with the Water Supply Planning group. Stormwater capture projects have been included in the Water Supply Master Plan. In 2019, Valley Water started a new program under the landscape rebate program: Rainwater Capture Rebate program. This program provides rebates to single family, multi-family and commercial customers for implementation of rain barrels, cisterns, and rain gardens. The program was advertised using various channels. See: <https://www.valleywater.org/landscaperebateprogram> Valley Water staff attended the SCVURPPP C.3 workshop in October 2019. In addition, Valley Water's grant program awarded funding to Grassroots Ecology and the City of Palo Alto to develop a community-based stewardship effort for existing bioretention areas in the City's Southgate neighborhood. The objective of the program is to educate the community about green stormwater infrastructure and to involve community members in the stewardship of bioretention areas in their neighborhood.

Please refer to the Program's FY 19-20 Annual Report for a summary of outreach efforts implemented at the Countywide level.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

Permittee Name: Santa Clara Valley Water District

Valley Water will refer to BASMAA guidance on identifying and reviewing potential green infrastructure projects

<u>Summary of Planning or Implementation Status of Identified Projects:</u>

NA

C.3.j.iii.(2) and (3) ► Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.
--

Please refer to Program's FY 19-20 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

In December 2016, Valley Water on behalf of SCVURPPP was awarded a California Proposition 1 grant by the State Water Resources Control Board to develop a Storm Water Resource Plan for the Santa Clara Basin. The work under the grant was completed on schedule per agreement with the State Board. The Stormwater Resource Plan is coordinated with Valley Water's One Water Plan and stakeholders from the One Water effort participated in its development. For the Final Stormwater Resource Plan, please see https://scvurppp.org/swrp/ .

C.3.j.iv.(2) and (3) ► Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

<i>(For FY 2018-19 Annual Report only)</i> Submit the tracking methods used and report implementation of green infrastructure measures including treated area, and connected and disconnected impervious area on both public and private parcels within their jurisdictions.
--

Please refer to the Program's FY 19-20 Annual Report for; 1) a summary of methods being developed to track and report implementation of green infrastructure measures, and 2) a report on green infrastructure measures implemented to date, including acres of impervious area (total and treated), countywide and by permittee.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period											
Project Name Project No.	Project Location ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁶	Total Replaced Impervious Surface Area (ft ²) ⁷	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects											
NA											
Public Projects											
NA											
Comments: This table is not applicable to the Santa Clara Valley Water District.											

²Include cross streets

³If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁴Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

⁵State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁶All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁷All impervious surfaces added to any area of the site that was previously existing impervious surface.

⁸For redevelopment projects, state the pre-project impervious surface area.

⁹For redevelopment projects, state the post-project impervious surface area.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)										
Project Name Project No.	Application Deemed Complete Date ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Type of Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/18}	Alternative Certification ¹⁹	HM Controls ^{20/21}
Private Projects										
NA										

¹⁰For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹¹For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹²List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹³List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹⁴List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹⁵List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners’ association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁶See Provision C.3.d.i. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁷For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁸For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

¹⁹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁰If HM control is not required, state why not.

²¹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/29}	Alternative Certification ³⁰	HM Controls ^{31/32}
Public Projects										
NA										
Comments: This table is not applicable to the Santa Clara Valley Water District										

²²For public projects, enter the plans and specifications approval date.

²³List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁴List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²⁵List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²⁶List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²⁷See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁸For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁹For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

³⁰Note whether a third party was used to certify the project design complies with Provision C.3.d.

³¹If HM control is not required, state why not.

³²If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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C.3.h.v.(2). ►Table of Newly Installed³³ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.

NA

Name of Facility	Address of Facility	Party Responsible ³⁴ For Maintenance	Type of Treatment/HM Control(s)
NA			

³³ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.³⁴State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2019 - June 30, 2020												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁵	Status ³⁶	Description ³⁷	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ³⁸	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwater Treatment Systems ⁴⁰	List of Non-LID Stormwater Treatment Systems ⁴¹
NA									Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and % of total runoff treated.	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received

³⁵Date that a planning application for the Special Project was submitted.

³⁶ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

³⁷Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁸ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁹For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁴⁰: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁴¹List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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C.3 – New Development and Redevelopment

Special Projects Narrative: NA

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location ⁴²	Project Description	Status ⁴³	GI Included? ⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁵
NA				

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects			
Project Name and Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
NA			

⁴² List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴³ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁴ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁵ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

⁴⁶ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Not applicable to the Santa Clara Valley Water District

C.4.b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

N/A

C.4.d.iii.(2)(a) & (c) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	N/A
Violations, enforcement actions, or discrete number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	N/A

Comments:

N/A

C.4.d.iii.(2)(b) ► Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP) ¹	Number of Enforcement Actions Taken
Level 1	N/A	N/A
Level 2	N/A	N/A
Level 3	N/A	N/A
Level 4	N/A	N/A
Total	N/A	N/A

C.4.d.iii.(2)(d) ► Frequency of Potential and Actual Non-stormwater Discharges by Business Category

Fill out the following table or attach a summary of the following information.

Business Category ²	Number of Actual Discharges	Number of Potential Discharges
N/A	N/A	N/A

C.4.d.iii.(2)(e) ► Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

Not Applicable to the Santa Clara Valley Water District.

¹Agencies to list specific enforcement actions as defined in their ERPs.

²List your Program's standard business categories.

C.4.e.iii ► Staff Training Summary						
Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: Not applicable to the Santa Clara Valley Water District.						

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

SUMMARY:

Emergency Response Program

Valley Water addresses illicit connection/illegal dumping (IC/ID) incidents effectively through its hazardous materials Emergency Response (ER) Program. Valley Water received and responded to a total of 86 emergency response reports throughout Santa Clara County during FY 19-20, one more than in FY 18-19. Of these, 78 were within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), 26 (23 within SFBRWQCB) were discharge events that reached a waterway, and 38 (36 within SFBRWQCB) required a field response by a team member or members for general investigation, source identification, multi-agency coordination, and clean up or evidence collection. Valley Water is one of the few Santa Clara County Permittees that has 24-hour availability to conduct storm and stream water pollution investigations. Valley Water staff will, as needed, investigate, and collect evidence at a site that can later be transferred to the appropriate jurisdictional authority on the next business day. Jurisdictional authority could reside with a co-permittee, state, or federal agency. Valley Water responded within target field response time 100% of the time for all incidents requiring urgent field response.

Water Resource Protection Ordinance Code Enforcement Program

To protect Valley Water owned public lands, Valley Water regulates use of the agency's property through the Water Resources Protection Ordinance. The Water Resources Protection Manual, which includes measures to protect the riparian corridor, is utilized for case development. The Community Projects Review Unit's Code Enforcement Program processed 240 cases in FY 19-20. Forty percent were encroachment violations. Encroachments (unauthorized private use of Valley Water's property) often occur on creekside or near-creekside lands. They can have negative impacts on the stream environment due to increased erosion from irrigation and overland drainage; the potential for the introduction of pesticides into the creek; planting of non-native and invasive plant species in the riparian corridor; grading of creek banks; and dumping. Valley Water has been protecting creekside public lands by remediating encroachments for over 40 years. Approximately 21% of the cases were for illegal dumping on Valley Water property, which is predominately creekside. Dumped items consisted of materials such as soil, yard clippings, and pet waste. Drainage issues included discharges to creeks from backyard pools.

Water Waste Inspector Program

In September 2014, Valley Water initiated the Water Waste Inspector Program and created advertisements for how people can report water waste. Water Waste reports are received from citizens through Access Valley Water, the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to one of two Water Waste Inspectors, who then visit the site and ultimately lead to a significant degradation of stream water quality. One goal of the Water Waste Inspector Program is to address all water waste reports within 24 hours of receipt. Ordinarily, the Water Waste Inspectors make direct contact with homeowners or business owners, leave educational materials if no one is there, or contact the appropriate retailer or municipality to address the issue. During Shelter-in-Place orders due to the COVID-19 pandemic, Water Waste Inspectors instead will mail letters to the property notifying them of the source of the water waste and Valley Water programs that could assist in resolving the concern. Valley Water processed 272 reports on water waste in FY 19-20. Of these, 115 were water leaks from broken plumbing and irrigation systems, and 157 were for other types of water waste, such as overspray onto pavement and watering during the wrong time of day. Excessive watering, overspray onto impervious surfaces, and leaking irrigation systems can all be

mechanisms for the transport of urban pollutants such as oils, herbicides, pesticides, fertilizers, and lawn clippings to creeks, which can ultimately degrade stream water quality. One goal of the Water Waste Inspector Program is to address all water waste reports within 24 hours of receipt. In FY 19-20, all 272 water waste reports were responded to and resolved.

PROGRAM EVALUATION

The ER Program is recognized as an effective and timely means of addressing acute contaminants that are illegally dumped or discharged to Valley Water waterways, reservoirs, lands, and facilities. The Emergency Response Program's performance was evaluated within the context of Valley Water's Safe Clean Water and Natural Flood Protection Program. Valley Water effectively reduces the discharge of pesticides, fertilizers, sediment, and other pollutants to the storm drain system through its water waste inspector program.

ADDITIONAL ACTIVITIES

Valley Water staff participates actively in the SCVURPPP IND/IDDE Ad Hoc Task Group. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 19-20 Annual Report for a description of activities at the Program or regional level.

C.5.c.iii ► Complaint and Spill Response Phone Number

(For the FY 2019-20 Annual Report only) Provide the following information:

List below or attach your complaint and spill response phone number

1-888-510-5151

Provide your complaint and spill response web address, if used

Access Valley Water customer service portal at: bit.ly/avw-scvwd

Is a screen shot of your website showing the central contact point attached?

☒

Yes

☐

No

If No, explain: See Appendix B

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

The spill response phone number (Pollution Hotline) and web address are publicized to the public on the valleywater.org website at the bottom banner of every page and under "contact us" (see appendix B). It is also included in the resources for Adopt-a-Creek partners. In addition, the phone number and web address were included in the Creekwise Brochure and Flood Mailers sent to residents in FY19/20. The pollution hotline is included in SCVURPPP brochures and listed on municipality and nonprofit webpages.

The pollution hotline is publicized to staff through the internal yellow pages and courses taught to employees by Environmental Health and Safety staff (hazardous waste handler, facility evacuation & spill response). In addition, the Pollution Hotline is incorporated into facility Emergency Actions Plans (EAPs) developed by EH&S.

More information on the webpage and spill response phone number follow:

1) Access Valley Water (<http://www.valleywater.org/avwapp/>) is a way to send immediate requests, questions, complaints and compliments directly to Valley Water. Citizens can report water waste, trash or downed trees near a creek, graffiti, illegal dumping, or other problems near creeks, from a computer or from the Access Valley Water mobile app. Users can check on status and receive messages from the District as a request is processed. Issues reported to Access Valley Water that are found to be outside of District jurisdiction are forwarded to the appropriate government entity.

2) The Pollution Hotline (1-888-510-5151; www.valleywater.org/Services/PollutionHotline.aspx) receives and responds to emergency response reports throughout Santa Clara County. Valley Water is one of the few Santa Clara County Permittees that has 24-hour availability to conduct stormwater pollution investigations. The District staff will, as needed, investigate and collect evidence at a site that can later be transferred to the appropriate jurisdictional authority during the next regularly scheduled business hours. Jurisdictional authority could reside with a co-permittee, state or federal agency.

C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking		
	Total	In SFB Region
Discharges reported (C.5.d.iii.(1))	86	78
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	26	23
Discharges resolved in a timely manner (C.5.d.iii.(3))	86	78
<p>Comments:</p> <p>Valley Water responded to 78 illicit connection/illegal dumping (IC/ID) incidents through its hazardous materials Emergency Response (ER) Program. This 24-7 program responds reactively to IC/ID incidents by providing referral and inter-agency cooperation and/or conducting field investigation and clean-up activities as appropriate. The Pollution Hotline responds to incidents reported by Valley Water field workers, staff from other agencies, and members of the public.</p>		

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ► Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii. 3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii. 3.d)
# 0	# 1 (BMP Action Plan)	# 13	# 135
<p>Comments:</p> <p>During active construction work, a total of 135 monthly inspections were conducted on Valley Water construction sites during FY 19 - 20 as compared to 131 monthly inspections in FY 18 -19. 133 of these monthly inspections were on sites disturbing 1 acre or more of soil as compared to 128 corresponding monthly inspections in FY 18 - 19. The FY 19 – 20 Storm Water non-compliance issues identified during inspections were communicated to Contractors by 17 verbal and 1 written warning. All 18 identified non-compliance issues were corrected in a timely manner within 10 – 30 business days. Some inspections in April, May, and June 2020 may have been done remotely using video rather than in person in response to the County's sheltering directives during the COVID-19 pandemic.</p> <p>Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable: 0</p>			

C.6.e.iii.(3)(e) ► Construction Related Storm Water Enforcement Actions		
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning	17
Level 2	Written Warning	1
Level 3	Administrative Action	0
Level 4	Stop Work Order	0
Total		18

C.6.e.iii.(3)(f), ► Illicit Discharges	
	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

C.6.e.iii.(3)(g) ► Corrective Actions	
Indicate your reporting methodology below.	
<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	17
Comments: 17 Violations were corrected within 10 business days or in a timely manner. One (1) violation for the Lower Berryessa Creek site was corrected in 30 days following a written warning related to slope rilling and grass growth. This did not result in any prohibited discharges due to lack of rain.	

¹Agencies should list the specific enforcement actions as defined in their ERPs.

²For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description: During active construction work, a total of 135 monthly inspections were conducted on Valley Water construction sites during FY 19-20 as compared to 131 monthly inspections in FY 18-19. 133 of these monthly inspections were on sites disturbing 1 acre or more of soil as compared to 128 corresponding monthly inspections in FY 18-19. During FY 19-20, 17 out of the total 135 inspections resulted in verbal warnings and 1 in a written warning to the Contractor. All warnings resulted in correction in a timely manner within 10-30 days

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

A Senior Engineer, experienced and knowledgeable in storm water regulatory compliance, continued to work directly on Valley Water's construction related environmental compliance program. The Senior Engineer worked in an advisory capacity for the capital projects' storm water design and construction personnel, conducted monthly site visits, and reviewed Monthly Environmental Compliance Inspection Reports to ensure regulatory compliance for most of Valley Water's capital projects. Valley Water participates in the Program's Construction AHTG.


In FY 19-20, storm water inspections were performed by Valley Water's Construction Inspectors on Capital projects on a systematic monthly basis on most construction projects in addition to regular SWPPP inspections conducted by the contractor's inspectors.

Number of violations and correction time have significantly improved from previous years; further adjustments are continually being made to Valley Water's construction related storm water compliance program to ensure problems are addressed in a timely manner. During the Corona Virus (Covid-19) local and state government lock down, construction of capital projects by Valley Water continued as essential services for the community. Valley Water's construction and environmental inspection staff worked closely and diligently to ensure that all construction work was performed in accordance with the California Construction General Permit, the Municipal Regional Permit, and Covid-19 protocols.

Refer to the C.6 Construction Site Control section of Program's FY 19-20 Annual Report for a description of activities at the Program or regional level.

C.6.f.iii ► Staff Training Summary			
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
SCVURPPP Construction Site Storm Water Inspection Workshop	02/05/20, 02/13/20	Storm Water inspection requirements for General Permit and Municipal Regional Permit The agenda, presentations and attendance lists are available on the SCVURPPP website: https://scvurppp.org/wp-content/uploads/2020/02/SCVURPPP-C.6-Workshop-Agenda-Feb-2020-final.pdf	18 staff (engineers and inspectors)

Section 7 – Provision C.7. Public Information and Outreach

C.7.a.iii ► Storm Drain Inlet Marking				
(For the FY 2019-20 Annual Report only) Provide the following information:				
State the number of municipally-maintained storm drain inlets in your jurisdiction	182			
Are at least 80 percent of municipality-maintained storm drain inlets legibly labeled with an appropriate stormwater pollution prevention message? 100% of inlets in publicly accessible/visible locations on Valley Water properties have been labeled. In addition, Valley Water will continue marking inlets in restricted areas.	X	Yes		No
Is a picture of a labeled municipality-maintained inlet attached?				
	X	Yes		No
Did all newly approved privately-maintained streets have storm drain inlet markings verified prior to acceptance of the project?		Yes	X	Not Applicable
Were the storm drain inlet markings on privately-maintained streets required to be maintained through the development maintenance entity?		Yes	X	Not Applicable

C.7.b.i.1 ► Outreach Campaign

Summarize outreach campaign. Include details such as messages, creative developed, and outreach media used. The detailed outreach campaign report may be included as an attachment. If outreach campaign is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

Valley Water serves a community of nearly 1.9 million countywide and has excellent outreach programs to many sectors of the community. Key elements include:

- A popular Water Resources Education Outreach Program
- A Youth Commission
- A growing Adopt-A-Creek Program
- Creek cleanup events supporting citizen participation
- Attendance at community events targeting the general public
- A Grant Program that provides funding to several programs that include community engagement and public outreach components, such as conducting trash cleanup events, implementing docent-led walks, and creating interpretive displays.
- Flood Awareness Guide and Creekwise Mailer, which include stormwater pollution prevention messages
- Social media advertisement for the Landscape Rebate Program that provide rain gardens, rain barrels, and cisterns

Valley Water's website continues to provide updates to the community, including storm water pollution prevention messages. Our on-line maintenance request form (Access Valley Water) empowers citizens to report dumping or waterway-related problems and allows them to send messages to the appropriate watershed staff. The site also includes a link to the SCVURPPP website, where other storm water pollution prevention program materials can be found.

Valley Water uses numerous methods to conduct outreach, including written brochures, radio, newspaper, social media (e.g., Facebook and Twitter), website, blogs, in-class presentations, library programs, educational tours, community events and workshops. The variety of outreach methods ensures that many segments of the Santa Clara Valley population are being reached, including residents, businesses, students, as well as people from other locations.

The following separate reports developed by SCVURPPP summarize countywide efforts conducted during FY 19-20:

- FY 19-20 Watershed Watch Campaign Annual Campaign Report
- FY 19-20 Watershed Watch Partner Report
- FY 19-20 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 19-20 Annual Report.

C.7.b.iii.2 ► Post-Campaign Effectiveness Assessment/Evaluation

(For the Annual Report following the post-campaign effectiveness assessment/evaluation) Submit a report of the effectiveness assessment/evaluation completed, which, at a minimum, should include the following information:

- 1) A description of the outreach campaign
- 2) A summary of how the effectiveness assessment/evaluation was implemented
- 3) An analysis of the effectiveness assessment/evaluation results
- 4) A discussion of the measurable changes in awareness and behavior achieved
- 5) A discussion of the planned or future outreach campaigns to influence awareness and behavior changes regarding stormwater runoff pollution prevention messages

If campaign implementation and effectiveness assessment were done Countywide or regionally, refer to a Countywide or regional submittal that contains the information described above.

☐ See attached effectiveness assessment/evaluation report

☒ See SCVURPPP FY 19-20 Annual Report (reference document)

C.7.c. Stormwater Pollution Prevention Education

No Change

C.7.d ► Public Outreach and Citizen Involvement Events

Program staff, the Watershed Watch consultant, and Co-permittees staffed 5 public outreach events in FY 19-20. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, "10 Most Wanted Backyard Bugs" brochure, "Draining Pools & Spas" brochure, "You are the Solution to Water Pollution" brochure, "Clean Cars & Clean Creeks" brochure, "Mercury in Fish" brochure, and giveaways (e.g. flyswatters, drawstring backpacks, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words "The Original Earth-Friendly Pest Control" printed on them. The bean bag toss game for children was used at most of the events. Event staff distributed approximately 1,700 outreach materials and giveaways.

In addition, the Program provided funding for the following citizen involvement events:

- 1) Coastal Cleanup Day – The Program supports the involvement of Santa Clara Valley residents by providing advertising support for the National River Clean-up Day and Coastal Cleanup Day. Due to shelter-in-place mandates from COVID-19, National River Cleanup Day was canceled in FY 19-20.
- 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the SCVURPPP Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the SCVURPPP Watershed Watchers Report in the Program Annual Report Appendix 7-4.

Valley Water's Education Outreach Program (EO) staffed 41 public and 15 student outreach events in FY19-20. EO hosted 18 tours at our outdoor classroom facilities: Alamitos Recharge Ponds, Alviso, Coyote Creek, Edith Morley Park and Coyote Valley, and at Valley Water facilities: Water Quality testing Lab, and the Silicon Valley Advanced Water Purification Center. EO distributed "You are the Solution to Water Pollution" brochures to every classroom as well as providing them at every tour and outreach opportunity. EO also facilitated 2 educator workshops, training teachers, and environmental educators, exponentially increasing the number of students exposed to water education. Additional events were staffed by government relations staff.

Valley Water provides significant support for the following citizen involvement events: National River Cleanup Day and Coastal Cleanup Day by chairing the Creek Connections Action Group, providing meeting support and supplies, coordinating the site coordinator training and supply pickup meetings, staffing the phones on the day of the events and reporting results to the California Coastal Commission on Coastal Cleanup Day. Valley Water also provides pickup and disposal of the collected trash from approximately half the sites of both events. A new user-friendly online virtual map with cleanup site information was successfully launched in FY 16-17 for the annual event and it helped improve volunteer recruitment. It allowed volunteers to easily access and view cleanup site locations from a computer or a mobile device. Valley Water also administers the Adopt-A-Creek Program, providing cleanup supplies, assigning adoption areas, and pickup of collected trash.

Valley Water administers a grant program which includes pollution prevention and education grants (Projects B3 and B7 in the Safe Clean Water program). For information on the grant program, please see the Safe Clean Water and Natural Flood Protection Program annual report, which will be posted to <https://www.valleywater.org/project-updates/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive>. Also, please see Appendix A

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: Pumpkins in the Park Date: October 12, 2019 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide (Program and Valley Water) Type: Public Outreach	Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.	General Feedback: This is a great event for educating families with small children. As always, the bean bag game was very popular with the kids. Estimated Overall Event Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 281 Number of Giveaways Distributed: 315 Number of Watershed Watch Discount Cards Distributed: 255 Number of kids that played the bean bag game: 255 Valley Water had a booth at this event. The relevant topics for this event was Flood Protection and Grant Opportunities (Safe, Clean Water grant and mini-grants).

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C.7 – Public Information and Outreach

<p>Name: Day on the Bay Date: October 13, 2019 Location: Alviso Marina County Park 1195 Hope St., Alviso Region: Countywide (Program and Valley Water) Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and mercury in fish consumption advisory.</p>	<p>General Feedback: There were a lot of families with children at the event. The bean bag game was very popular with the kids. A number of adults also played the bean bag game. Estimated Overall Event Attendance: 10,000 Number of Brochures/Flyers Distributed: 190 Number of Giveaways Distributed: 393 Number of Watershed Watch Discount Cards Distributed: 105 Number of kids and adults that played the bean bag game: 293 Valley Water had a booth at this event. The messaging for this event was water conservation and rebates, water wise gardening, Silicon Valley Advanced Water Purification Center, Pacheco Reservoir Project, volunteerism and flood preparedness.</p>
<p>Name: Landscape Summit 2020 Date: February 27, 2020 Location: Valley Water, 5700 Almaden Expressway, San Jose Region: Countywide (Program) Type: Outreach</p>	<p>Audience: Landscape professionals Message: Stormwater pollution prevention, less-toxic pest control, Green Gardener Program</p>	<p>General Feedback: Landscape professionals were interested in the brochures and fact sheets. Estimated Overall Event Attendance: 105 Number of Brochures/Flyers Distributed: 115 Number of Giveaways Distributed: 9</p>
<p>Name: Stewardship and Citizen Science Programs – Gardening Without Chemicals Dates: 7/27/19, 8/21/19, 9/20/19, 9/21/19, 10/19/19, 10/24/19, 10/25/19, 11/2/19, 11/19/19, 12/14/19, 1/11/20, 1/16/20, 1/31/20, 2/6/20, 2/13/20, 2/22/20, 2/22/20, 2/26/20, 3/3/20 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide (Program) Type: Citizen Involvement</p>	<p>Description/Audience: Stewardship programs are conducted in partnership with corporate groups, schools, and not-for-profit organizations. Participants pick up trash, and work in the Refuge garden planting native plants, pulling non-native plants, and mulching. Citizen science programs monitor the effects of climate change and the results of the stewardship activities on plants and wildlife. Messages: Stormwater pollution prevention, sustainable gardening, litter prevention.</p>	<p>General Feedback - Many youth and adults continued to participate in stewardship programs this year. Overall Attendance: Stewardship programs reached a total of 358 attendees, including 2 preschool children, 169 elementary school students, 9 middle school students, 42 high school students, and 136 adults.</p>

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<p>Name: National River Cleanup Day Date: Scheduled for May 18th, 2020 Location: Various Locations Throughout the County Region: Countywide (Program and Valley Water) Type: Citizen Involvement</p>	<p>Valley Water coordinates National River Cleanup Day activities in Santa Clara County by organizing volunteers, providing cleanup resources, and identifying potential cleanup locations.</p>	<p>The 2020 National River Cleanup Day was cancelled due to the COVID-19 pandemic.</p>
<p>Name: Coastal Cleanup Day Date: September 21st, 2019 Location: Various Locations Throughout the County Region: Countywide (Program and Valley Water) Type: Citizen Involvement</p>	<p>The Creek Connections Action Group coordinated the Coastal Cleanup Day on September 21st, 2019. The Program provided funding for local advertising.</p>	<p>On Coastal Cleanup Day, a total of 2,166 volunteers participated in cleaning 50 sites in Santa Clara County, and removed approximately 53,297 pounds of trash and 4,404.5 pounds of recyclables from 58 miles of creeks.</p>
<p>Name: Santa Clara County Fair Date: August 4th, 2019 Location: Region: Type: Outreach</p>	<p>The 75th Santa Clara County Fair occurred on August 4, 2019 including activities, live music, livestock shows, international villages, food and family fun.</p>	<p>Valley Water had a booth at this event. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>
<p>Name: National Night Out Date: August 6th, 2019 Location: (All locations- East Arbor Ave, Emma Prusch Farm Park, Milpitas, Thousand Oaks) Region: Countywide Type: Citizen Involvement</p>	<p>National Night Out is an annual crime prevention event. It is sponsored nationally by the National Association of Town Watch and co-sponsored locally by the Santa Clara Police Department. The event promotes community-police partnerships and neighborhood camaraderie.</p>	<p>National Night Out takes place on the first Tuesday of August. It began in 1984 as a crime prevention effort, an effort to foster police-community partnerships, and a way to create community camaraderie. This event attracts individuals of all ages from the community. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>

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C.7 – Public Information and Outreach

<p>Name: Veggie Fest Date: August 10th, 2019 Location: Martial Cottle Park Region: Countywide (Program) Type: Citizen Involvement</p>	<p>San Jose Veggie Fest is family-friendly event. This event seeks to honor our farming roots and California's rich agriculture.</p>	<p>San Jose Veggie Fest approximately has over 2,000 participants in addition to vendors, performers and local resources. This event aims to promote plant-based diets as well as healthy and ethical lifestyles in today's changing world. Its focus is to educate local residents on the importance of environmental sustainability, protection of animal species, healthy living, and healthy eating. Valley Water had a booth at this event. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>
<p>Name: San Jose Giants Night Date: August 16, 2019 Location: 588 E. Alma Ave. San Jose, CA 95112 Region: Countywide Type: Outreach</p>	<p>The San Jose Giants minor league baseball team hosted the Inland Empire (Los Angeles Angels affiliate) in a three game homestand starting August 16th.</p>	<p>Valley Water had a booth at this event. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>
<p>Name: Valley Medical Center Women's Leadership Policy Summit Date: August 17th, 2019 Location: Student Union, San Jose State, 211 S 9th St, San Jose, CA 95192 Region: Countywide Type: Outreach</p>	<p>The Summit includes two break-out sessions with various workshops that will inform, engage, and empower individuals to push forward policies that will benefit women and families of Santa Clara county. This event will also provide opportunities to network with policy makers, as well as connect with agencies and non-profits. This event also has a keynote luncheon with a panel discussion centered on building effective collaborative partnerships.</p>	<p>This Summit attracts hundreds of women and their allies. The goal of this Summit is to draw strength from one another and learn on how to combine their talents for the advancement of women and families. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>

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C.7 – Public Information and Outreach

<p>Name: District 10 Safety Fair Date: August 10th, 2019 Location: Allen at Steinbeck Elementary School, 920 Steinbeck Dr, San Jose, CA 95123 Region: Countywide Type: Outreach</p>	<p>The District 10 Safety Fair is co-hosted by the D10 Leadership Coalition and Almaden Senior Association. It is a family friendly event that focuses on neighborhood safety techniques.</p>	<p>Valley Water had a booth at this event. This event attracts individuals all over the County. It allows families to become familiar with the San Jose Police Department, San Jose Fire Department, Santa Clara County Sheriff's Office, Park Rangers, and many others. It also have activities relating to crime prevention, child safety, bicycle safety, water safety, and others. The messaging for this event was tours, volunteering, rebates, and water conservation</p>
<p>Name: Silicon Valley PRIDE Date: August 24-25th, 2019 Location: Plaza de Cesar Chavez Region: Countywide (Program) Type: Outreach</p>	<p>Silicon Valley PRIDE is a two-day event. It is a celebration of the LGBTQ+ community and their allies.</p>	<p>Valley Water had a booth at this event. The approximate attendance for this event was 1,000+. The number of giveaways distributed was about 200. The messaging for this event was tours, volunteering, and rebates.</p>
<p>Name: 2019 District 9 Celebrate Cambrian Date: August 25th, 2019 Location: Camden Community Center/Park, 3369 Union Ave, San Jose Region: Countywide Type: Outreach</p>	<p>This event marks the end of summer. This event is a family friendly event and includes food, activities, resources fair, games and activities, and a children's art show.</p>	<p>Valley Water had a booth at this event. This event attracts approximately 30 different city departments, commissions, nonprofit groups, public utilities, and local elected leaders. The messaging for this event was tours, volunteering, rebates, and water conservation.</p>
<p>Name: 2019 Santos Family Car Show Date: August 31th, 2019 Location: 1450 Gold St, Alviso, CA 95002 Region: Countywide Type: Outreach</p>	<p>This is the 14th Annual Santos Family Car Show. It is a free Labor Day Car Show event</p>	<p>Valley Water had a booth at this event. This is an annual event that Director Santos attends. It has an approximate attendance of 1,000 attendees. The messaging for this event was tours, volunteering, rebates, water conservation, Shoreline, Pacheco, and Anderson Dam.</p>

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<p>Name: Mountain View Art and Wine Festival Date: September 7-8th, 2019 Location: Mountain View Chamber of Commerce/Wells Fargo Parking Lot, 580 Castro St., Mountain View, CA 94041 Region: Countywide (Program) Type: Outreach</p>	<p>The Mountain View Art and Wine Festival is an annual event. It takes place over two days.</p>	<p>Valley Water had a booth at this event. This multicultural event with live music performances, food, drinks, and games. The estimated attendance for this event is 100,000 attendees. The messaging for this event was tours, volunteering, rebates, water conservation, Shoreline, Pacheco, and Anderson Dam.</p>
<p>Name: Silicon Valley Fall Festival in Cupertino Date: September 14th, 2019 Location: Memorial Park, 10185 N Stelling Rd, Cupertino, CA 95014 Region: Countywide Type: Outreach</p>	<p>This event is hosted by the Rotary Club of Cupertino. The focus of this event is environmental affairs. The messaging includes: waterwise Gardening, Volunteering, Water Conservation, Rebates, Silicon Valley Advanced Water Purification Center, Flood Preparedness</p>	<p>Valley Water had a booth at this event. Valley Water had two booths at this event. The event attracted over 8,000 visitors. The messaging for this event was waterwise gardening, volunteering, water conservation, Silicon Valley Advanced Water Purification Center, and flood preparedness.</p>
<p>Name: Almaden Valley Art and Wine Festival Date: September 15th, 2019 Location: Almaden Lake Park Region: Countywide (Program) Type: Outreach</p>	<p>This event is hosted by the Almaden Valley Women's Club. The proceeds of this event are donated to non-profit organizations and schools in the community, as well as merit-based scholarships.</p>	<p>Valley Water had a booth at this event. This event attracts approximately 500 attendees. The messaging for this event was tours, volunteering, rebates, water conservation, Shoreline, Anderson Dam, and Pacheco.</p>

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<p>Name: 2019 Climate Fair Date: September 22nd, 2019 Location: JCC, 14855 Oka Road, Los Gatos, CA 95032 Region: Countywide Type: Outreach</p>	<p>The purpose of this event is to inform individuals of what is being done to locally fight climate change. Over 20 community organizations and local government entities attend this event. The Climate Fair includes special activities for children and families, informational sessions, tabling events, and giveaways by local governments and community groups.</p>	<p>Valley Water had a booth at this event. The Climate Fair is attended by several hundred people. The messaging for this event was tours, volunteering, rebates, water conservation, Shoreline, Anderson Dam, and Pacheco.</p>
<p>Name: Milpitas Educational Foundation's Mid-Autumn Festival Date: September 28th, 2019 Location: SJCC Milpitas Extension 1450 Escuela Parkway, Milpitas CA 95035 Region: Countywide Type: Outreach</p>	<p>This is Milpitas Educational Foundation's 2nd annual Mid-Autumn Festival. The focus is to raise awareness of the Milpitas Community Educational Endowment (MCEE) and fundraise for its programs. This festival includes performances, arts and crafts, exhibits, and resource booths, with a focus on celebrating various cultures, including Chinese, Vietnamese, and other Asian cultures.</p>	<p>Valley Water had a booth at this event. This festival attracts various individuals from the community and allows Valley Water to interact with community members on different water topics pertaining to the agency and the community. The messaging for this event was waterwise gardening, volunteering, rebates, water conservation, Silicon Valley Advanced Water Purification Center, and flood preparedness.</p>
<p>Name: Martial Cottle Fall Festival Date: October 5th, 2019 Location: Martial Cottle Park Region: Countywide Type: Outreach</p>	<p>The Martial Cottle Fall Festival was initiated by the Cottle/Lester family, whose vision was for the park to inform and educate the public about the agricultural heritage of the Santa Clara Valley. The festival celebrates the continued connection to the land and food systems through farm tours, garden workshops, produce, crafts, homemade goods, live music and more.</p>	<p>Valley Water had a booth at this event. This festival attracts various individuals from the community and allows Valley Water to interact with community members and inform them of different water topics pertaining to the community. The messaging for this event was water conservation and rebates, Water Wise Gardening, Silicon Valley Advanced Water Purification Center, volunteerism, and flood preparedness.</p>

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<p>Name: Bay Area Diwali Festival of Lights Date: October 13th, 2019 Location: Memorial Park, 10185 N. Stelling Rd. Cupertino Region: Countywide Type: Outreach</p>	<p>Diwali is a traditional Indian festival of thanksgiving. It celebrates the victory of light over darkness, knowledge over ignorance, hope over despair, and good over evil. Festivities include a wonderful feast of food, music, and dance including a traditional Rangoli display, including art and craft booths.</p>	<p>Valley Water had a booth at this event. This festival attracts various individuals from the community and allows Valley Water to interact with community members and inform them of different water topics pertaining to the community. The messaging for this event was water conservation and rebates, Water Wise Gardening, Silicon Valley Advanced Water Purification Center, volunteerism, and flood preparedness.</p>
<p>Name: Fall Festival Day in the Park Date: October 12th, 2019 Location: Lake Cunningham Regional Park, 2305 S. White Road, San Jose, CA 95148 Region: Countywide Type: Outreach</p>	<p>The Fall Festival Day in the Park's is hosted by Councilwoman Sylvia Arena. The festivities include food trucks, obstacle course, carnival games, rock climbing wall, resource fair, family and cultural entertainment, and much more.</p>	<p>Valley Water had a booth at this event. This festival attracts various individuals from the community and allows Valley Water to interact with community members and inform them of different water topics pertaining to the community. The messaging for this event was water conservation and rebates, Water Wise Gardening, Silicon Valley Advanced Water Purification Center, volunteerism, and flood preparedness.</p>
<p>Name: Hispanic Chamber of Commerce of Silicon Valley Festiv'ALL Date: October 18th, 2019 Location: San Jose City College, 2100 Moorpark Ave, San Jose, CA 95128 Region: Countywide Type: Outreach</p>	<p>The Hispanic Chamber of Commerce of Silicon Valley Festiv'ALL is an annual event that is free and open to the public. It is attended by the local business community, community leaders, and members of the public. The event includes over 100 exhibitors, including 30 food and drink samples.</p>	<p>Valley Water had a booth at this event. The messaging for this event was water Conservation and rebates, Silicon Valley Advanced Water Purification Center, volunteerism & flood preparedness +emergency kits. This event attracts approximately 2,000 attendees.</p>

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<p>Name: Los Altos History Museum Preparedness Opening Reception Date: October 20th, 2019 Location: Los Altos History Museum 51 So. San Antonio Road Los Altos, CA 94022 Region: Countywide Type: Outreach</p>	<p>The Los Altos History Museum Preparedness Opening Reception is co-produced with the City of Los Altos' Division of Emergency Preparedness. The focus of this event is to reflect on how to properly prepare for the next natural disaster. This event is open to the public.</p>	<p>Valley Water had a booth at this event. The messaging for this event was volunteerism and flood messaging/emergency preparedness + emergency kits.</p>
<p>Name: 2019 Celebrating Our Ancestors Event Date: October 26th, 2019 Location: ConXion to Community; 749 Story Road, San Jose, CA 95122 Region: Countywide Type: Outreach</p>	<p>The 2019 Celebrating Our Ancestors Event is a fundraising event that will benefit ConXion's Day Worker Center, which provides over 8,000 day jobs per year for homeless veterans, and re-entry families of Santa Clara County. Re-entry families are classified as families of individuals who are coming out of the justice system and often includes homeless families.</p>	<p>Valley Water had a booth at this event. The messaging for this event was tours, volunteering, rebates, water conservation, and flood preparedness.</p>
<p>Name: 2019 Dia de los Muertos Run-Walk Event Date: November 2nd, 2019 Location: 1621 Gold Street, Alviso, CA 95022 Region: Countywide Type: Outreach</p>	<p>Dia de los Muertos Run-Walk Event welcomes approximately 400 runners and walkers along the Guadalupe River Trail. This event supports access to free healthcare for children, families, and individuals at Gardner Health Services' 10 locations in Santa Clara and San Mateo Counties.</p>	<p>The messaging for this event was Tours, Volunteering, Rebates, Water Conservation, and Flood Preparedness.</p>

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<p>Name: 12th Annual American Indian Heritage Celebration</p> <p>Date: November 16th, 2019</p> <p>Location: Santa Clara County Fairgrounds Pavilion Hall</p> <p>344 Tully Rd, San Jose, CA 95111</p> <p>Region: Countywide</p> <p>Type: Outreach</p>	<p>The 12th Annual American Indian Heritage Celebration is sponsored by the Muwekma Ohlone Tribe of the San Francisco Bay Area, Amah Mutsun Tribal Band, Ohlone Costanoan Esselen Nation. This event celebrates the rich and diverse cultures of Native Americans.</p>	<p>The messaging for this event was volunteering, Rebates, water conservation, flood preparedness, and Silicon Valley Advanced Purification Center.</p>
<p>Name: Santa Visits Alviso</p> <p>Date: November 16th, 2019</p> <p>Location: Alviso Youth Center, 5040 N 1st St, Alviso, CA 95002</p> <p>Region: Countywide</p> <p>Type: Citizen Involvement</p>	<p>Santa Visits Alviso is hosted by The Santa Visits Alviso Foundation. The organization is an all-volunteer organization. The organization awarded over \$72, 000 in scholarships solely in 2019.</p>	<p>The messaging for this event was volunteering, Rebates, water conservation and rebates, and flood preparedness.</p>
<p>Name: San Jose District 4 Health Fair</p> <p>Date: February 23rd, 2020</p> <p>Location: Berryessa Community Center, 3050 Berryessa Road, San Jose</p> <p>Region: Countywide</p> <p>Type: Outreach</p>	<p>The District 4 Health Fair is hosted by Councilmember Lan Diep and San José Parks, Recreation and Neighborhood Services. This event offered educational resources, workshops, screenings and more.</p>	<p>The messaging for this event was tours, volunteering, rebates, and water conservation.</p>

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<p>Name: McKelvey Park Opening 2020 Date: February 29th, 2020 Location: McKelvey Ball Park 1000 Miramonte Ave Mountain View, CA 94040 Region: Countywide Type: Outreach</p>	<p>This is the grand opening of McKelvey Park. It was attended by many elected officials, organizations, and community members.</p>	<p>The messaging for this event was community input survey for Safe Clean Water, McKelvey Park/Permanente Creek Flood Project, and flood preparedness.</p>
<p>Name: Pathways to Climate Smart Careers Date: March 7th, 2020 Location: Fairmont Hotel, 170 S Market St, San Jose, CA 95113 Region: Countywide Type: Outreach</p>	<p>The City of San José Environmental Services Department (ESD)'s Pathways to Climate Smart Careers: Educational/Job Fair is an opportunity for high school students to learn about career and educational opportunities in fields that reduce climate change impacts.</p>	<p>The messaging for this event was the community input survey, flood preparedness, tours, volunteering, rebates, water conservation, including project specific information on Upper Guadalupe Flood Protection, Anderson Dam, Coyote Creek Flood Protection & Recycled Water.</p>
<p>Name: Shamrock Run Date: March 14th, 2020 Location: Region: Countywide Type: Citizen Involvement</p>		<p>This event was cancelled due to the COVID-19 pandemic.</p>
<p>Name: Women's Leadership Policy Summit Date: March 14th, 2020 Location: Region: Countywide Type: Outreach</p>		<p>This event was cancelled due to the COVID-19 pandemic.</p>

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Name: Earth Day's 50 th anniversary and the Great Race for Saving Water Date: April 25 th , 2020 Location: Palo Alto Baylands Athletic Center Region: Countywide Type: Citizen Involvement		This event was cancelled due to the COVID-19 pandemic.
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C.7.e. ► Watershed Stewardship Collaborative Efforts

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 19-20, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 19-20 Annual Report.

Valley Water chairs the Zero Litter Initiative (ZLI) Steering committee, which continues to meet monthly. ZLI continued to collaborate with the Santa Clara Valley Transportation Authority (VTA) and Caltrans. Caltrans used litter messages on message boards for Earth Day and National River Clean Up day this year. ZLI hosted a webinar on straws in July 2018. ZLI also began planning for an illegal dumping workshop, however, planning was put on hold due to the COVID-19 pandemic.

C.7.f. ► School-Age Children Outreach

Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the "Watershed Watchers" program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter "Watershed Watchers" Report including the End-of-Year summary is included in the Program Annual Report Appendix 7-4. The Final ZunZun Report and Teacher Evaluation Report are included in the Program Annual Report Appendix 7-5.

In addition, to SCVURPPP's program, Valley Water has a very active Education Outreach Program (EO) that reached a total of 17,977 participants in FY 19-20. This is broken down below in further detail:

- 2,323 people through public events
- 15,274 total students reached from pre-school to college. This includes both direct and indirect student numbers: 9,165 students engaged in direct presentations from Valley Water Education Outreach staff and 6,109 students experienced Education Outreach curriculum presented indirectly by other educators and supported by EO staff.
- 293 direct in-classroom programs at 44 Santa Clara County schools before Shelter-In-Place, and 24 virtual presentations with 32 classes from March – June 2020.
- 18 total tours provided at our outdoor classroom facilities: Alamitos Recharge Ponds, Alviso, Coyote Creek, Edith Morley Park and Coyote Valley, and at Valley Water facilities: Water Quality Testing Lab and the Silicon Valley Advanced Water Purification Center.
- 15 student outreach events at Science, Technology, Engineering, Art & Math (STEAM) events, school science nights, water festivals, career fairs and scouting and First Lego League groups.
- 17 Summer, Winter or Spring Break camps.
- 380 teachers reached through EO programs and 2 educator training workshops (details included below)
- 8 public library programs (details included below)
- 31 virtual public engagements presented via Zoom during March – June Shelter-In-Place (details included below)

The Education Outreach team serves a diverse population and responds to the needs of schools and groups throughout the County. Programming is consistent with State Standards and regularly integrates messages and priorities of other Valley Water units and programs. The program provides age-appropriate classroom presentations, teacher training workshops in water education, and tours to help students understand and appreciate their local water resources and to promote watershed stewardship and pollution prevention. Programs include: hands-on experiments, and experiential learning, urban runoff & storm water (Enviroscape model used), groundwater education (Groundwater Model used to demonstrate effect of pollution on groundwater supplies), pollution prevention-with a focus on waste reduction (using programming that focuses on the impact of plastics in our watersheds and on the hidden water footprint in products that are used and consumed), flood awareness and preparedness, water conservation tips, weather observation & climate science, water cycle activities, information about careers in the water industry, stream and watershed stewardship, and Valley Water water distribution and water quality. During school tours at Valley Water's outdoor classrooms, EO highlights the importance of pollution prevention through Enviroscape demonstrations and activities that focus on the importance of wetland habitats and the impacts of pollution on salmonid species. During tours, EO also emphasizes creek clean-up opportunities by promoting the Adopt-

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A-Creek program, Coastal Cleanup Day and National River Cleanup Day events and emphasizes the importance of waste-reduction. During Classroom visits, the Education Outreach team always addresses the importance of protecting our waterways and reducing pollution and presents hands-on lessons that have a specific focus on pollution-prevention; a Sesame Street-themed conservation puppet show for pre-school and kindergarten, Creek Story, Who Dirtied The Bay?, Watershed Maps, The Wetlands Game and Salmon Survival activities for 2nd-5th grades, Sum Of Its Parts, Plastic Voyages, Hidden Water and Dilemma Derby for 6th – 8th grade students, and Plastic Voyages, Hidden Water and “Parts Per Billion” for high school students. In response to the COVID-19 pandemic, when EO were no longer able to present to students face-to-face, the team developed a series of distance learning programs and successfully continued to engage students and the public via virtual presentations. Watershed Maps highlights the connections between storm drains and creek health and Hidden Water presentations focus on the importance of waste reduction, refusal of single-use plastics and reuse as ways to combat pollution. “The Little Blue Hen” (a conservation story), and “The Three Little Pigs and The Bad Weather Wolf” (flood preparedness program) were also presented via virtual Zoom story times and engaged audiences in learning about water conservation and preparing for emergencies. The importance of watershed stewardship, pollution reduction and community engagement are always emphasized.

Valley Water’s Youth Commission, a 21-member advisory board, with three members representing each of Valley Water’s seven districts, met quarterly During 2019-20. The goal of the commission is to assist Valley Water’s board of directors with “public policy, education, outreach, and all matters impacting the Santa Clara County youth and the water district” and “to foster greater involvement of youth in local government to inspire and develop future public policy leaders and professionals with an awareness of issues and activities relating to water supply, conservation flood protection and stream stewardship.” Youth commissioners have been asked to help publicize as well as participate in Valley Water cleanup efforts such as National River Cleanup Day, Coastal Cleanup Day and the Adopt-A-Creek program.

Please see the Water [Education Outreach Brochure](#) for a more detailed summary of our programs.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school. (SCVURPPP)	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution.	16 pre-kindergarteners, 685 elementary school students, 117 middle school students, and 226 high school students.	Participant surveys and pledges are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. Details are included within the Watershed Watchers Report included in Appendix 7-4 of the SCVURPPP FY 19-20 Annual Report.

<p>Name : ZunZun Musical Assembly – both live and via distance learning videos Grade or level: elementary (SCVURPPP)</p>	<p>Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.</p>	<p>Approximately 10,490 students reached by live assembly (43 live assemblies at 22 schools)</p> <p>40 students responded to an online evaluation survey of the distance learning assembly video. The video received over 450 views on YouTube.com</p>	<p>ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 105 evaluation cards from teachers. Teachers were also given the option to complete the survey online. A total of two teachers submitted the online survey. A few highlights of the evaluations are:</p> <ul style="list-style-type: none"> • After the performance, 33 teachers reported that 100% of their students knew what a watershed was; 34 teachers indicated that 75% of their students knew what a watershed was; 19 teachers indicated that 50% of their students knew what a watershed was; and 20 teachers indicated that 25% of their students knew what a watershed was. • After the performance, 66 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 26 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; 11 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed; and 4 teachers indicated that 25% of their students could name a way to prevent pollution in the watershed. <p>A total of 10 classrooms completed the “I Pledge to Keep My School Clean” activity distributed after the assembly. The pledge requires students to dispose of trash or recyclables properly or pick up</p>
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			<p>litter for a week. Students sign the pledge each day to indicate completion. Teachers are asked to fax or email the completed pledge form to Program staff to be entered into a monthly drawing. Watershed Watch sports backpacks were distributed to students in 6 classrooms. A certificate of appreciation and Watershed Watch tattoos were sent to each classroom that submitted a pledge.</p> <p>A total of 40 students completed an online evaluation of the distance learning ZunZun assembly videos. A summary of the quiz results is provided below:</p> <ul style="list-style-type: none"> • After viewing the video, 89% of students knew what a watershed was. • After viewing the video, 92% of students could name a way to prevent pollution in the watershed. <p>After viewing the video, 92% of students correctly identified that water from storm drains flows to creeks, the Bay and ocean.</p>
<p>Name: Guadalupe River Park Water Festival Date: September 17, 2019 Location: 438 Coleman Ave, San Jose, 95110 Region: Countywide</p>	<p>Type of Event: STEM event for 5th grade students Audience: Elementary school students Messages: Education Outreach activities: Incredible Journey & Enviroscope- focus on water cycle and waste-reduction messaging. Focusing on pollution prevention and watershed stewardship.</p>	~136	<p>General Feedback: Positive feedback received from students, teachers and event organizers.</p>

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<p>Name: Safe & Green Halloween Date: October 22, 2019 Location: 333 N. First Street Avenue, San Jose, 95133 Region: Countywide</p>	<p>Type of Event: Sustainability and conservation-focused event for students with hands-on education activities Audience: Elementary school Messages: Education Outreach activities: H2Olympics and waste-reduction messaging. Focusing on properties of water, water conservation, pollution prevention and watershed stewardship.</p>	<p>~48</p>	<p>General Feedback: Positive feedback received from students, teachers and event organizers.</p>
<p>Name: San Jose State University Science Extravaganza Date: February 9, 2020 Location: Clark Hall, San Jose State University, San Jose Region: Countywide</p>	<p>Type of Event: Educational event for 5th – 8th grade students Audience: 5th – 8th grade students Messages: EO presented our 3-D Watershed Maps. Focusing on pollution prevention, habitat and species protection and watershed stewardship.</p>	<p>100 students</p>	<p>General Feedback: Positive feedback received from students, teachers and event organizers.</p>
<p>Name: Central Park Library – Santa Clara Educational programming Date: August 8, 2019 Location: Santa Clara Region: Community</p>	<p>Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.</p>	<p>Estimated Overall Event Attendance for visit: 160</p>	<p>General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed</p>
<p>Name: Campbell Library Educational programming Date: August 29, 2019 Location: Campbell Region: Community</p>	<p>Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.</p>	<p>Estimated Overall Event Attendance for visit: 60</p>	<p>General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed</p>

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Name: Saratoga Library Educational programming Date: September 19, 2019 Location: Saratoga Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 25	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed
Name: Mission Branch Public Library Educational programming Date: September 24, 2019 Location: Santa Clara Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 85	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed
Name: Sunnyvale Public Library Educational programming Date: October 17, 2019 Location: Sunnyvale Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 38	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed
Name: Palo Alto Downtown Library Educational programming Date: January 17, 2020 Location: Palo Alto Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 87	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed

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Name: Palo Alto Children's Library Educational programming Date: February 18, 2020 Location: Palo Alto Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 100	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed
Name: Woodland Branch Library Educational programming Date: March 18, 2020 Location: Los Altos Region: Community	Type of Event: Library Puppet Show Audience: Library visitors with specific outreach to families with children. Messages: Water conservation, waste and pollution reduction, water awareness, flood preparedness and promotion of Valley Water's water conservation and landscape rebates for families.	Estimated Overall Event Attendance for visit: 40	General Feedback: Great feedback from attendees & library staff. Good opportunity for community outreach through our puppet show. Valley Water & SCVURPP Brochures/Flyers Distributed
Water Resources Education Outreach Program Educator Workshops Summary	Description	Number of Students/Teachers reached	Evaluation of Effectiveness

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<p>Name: Walden West Camp Counselor Training Date: August 22, 2019 Location: Walden West Outdoor Science School Saratoga Region: County-wide</p>	<p>Type of Event: Education – Educator Workshop Audience: Walden West Outdoor School Staff (WW) Message: EO staff presented watershed stewardship curriculum to WW staff for them to present to their science camp students throughout the year. Creek Assessment worksheet and activity, Blue River activity (Project WET activity – season flow), Hidden Water activity (water footprints). To supplement the WW science curriculum.</p>	<p>Estimated Overall Event Attendance: 21</p>	<p>General Feedback: We received positive feedback from the Walden West staff.</p> <p>The training and accompanying materials kits resulted in 5,538 students receiving Valley Water EO creek stewardship education presented by Walden West staff during the 2019-20 school year.</p>
<p>Name: Living Classroom Docent Training (environmental education non-profit) Date: November 4, 2019 Location: Silicon Valley Advanced Water Purification Center Region: Community</p>	<p>Type of Event: Education – Educator Workshop Audience: Living Classroom docents and staff. Message: Exploring Valley Water's role within the county. Following a tour of the purification center LC docents and staff experienced "Wetlands Game" (focus on habitat loss, human impact, restoration and importance of wetlands) and the Groundwater Model demonstration. With a focus on where our water comes from, human impact and watershed stewardship.</p>	<p>Estimated Overall Event Attendance: 20</p>	<p>General Feedback: We received positive feedback. Living Classroom plan to incorporate information learned into their programming.</p>
<p>Water Resources Education Outreach Virtual Program Summary</p>	<p>Description</p>	<p>Number of Students/Teachers reached</p>	<p>Evaluation of Effectiveness</p>
<p>Name: Story Time with Valley Water Date: 22 events during March – Jun 2020 Location: Zoom Region: Community-wide, also attracted attendees from the wider Bay Area, throughout California and out of state.</p>	<p>Type of Event: Education Program Audience: Community-wide, also attracted attendees from the wider Bay Area, throughout California and out of state. Message: "The Little Blue Hen" (a conservation story), and "The Three Little Pigs and The Bad Weather Wolf"</p>	<p>Estimated Overall Event Attendance: 105 students and families</p>	<p>General Feedback: We received positive feedback from attendees.</p>

	(flood preparedness program) engaged audiences in learning about water conservation and preparing for emergencies. Focusing on Valley Water's work and encouraging watershed stewardship and community engagement.		
Name: Watershed Wednesday Date: 9 events during March – Jun 2020 Location: Zoom Region: Community-wide, also attracted attendees from the wider Bay Area, throughout California and out of state.	Type of Event: Education Program Audience: Community-wide, also attracted attendees from the wider Bay Area, throughout California and out of state. Message: "Watershed Maps" engages audiences in learning about watershed stewardship as they make a 3-D map and learn about the connection between land and water and how to reduce human impact.	Estimated Overall Event Attendance: 83 students and families	General Feedback: We received positive feedback from attendees and family members.

C.7.g. ► Outreach to Municipal Officials

(For FY 19-20 Annual Report only)

Summary:

Valley Water conducts regular outreach to elected officials through quarterly website updates to the Interagency Urban Runoff Program webpage at Valleywater.org and creation of the Safe, Clean Water annual report that is distributed to the Valley Water Board of Directors and available to the public at <https://www.valleywater.org/project-updates/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive>. Valley Water also promotes stormwater awareness to the Valley Water CEO through CEO bulletin reports on stormwater related projects and programs and presents stormwater-related topics such as green infrastructure and stormwater resource planning to the Valley Water Board of Directors. Valley Water staff presented on stormwater resource planning to the Board of Directors in November 2019.

SCVURPPP also conducts outreach to municipal officials regarding the GSI framework and GSI Plan adoption, please refer to the SCVURPPP FY 19-20 Annual Report for additional information.

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary: Most monitoring activities required in the stormwater permit are implemented at either the regional level through the Bay Area Stormwater Management Agencies Association (BASMAA), or the county-wide level through the Santa Clara Valley Urban Runoff Pollution Prevention Program (Program). Valley Water staff participates directly in the Program's Monitoring and Pollutants of Concern Ad Hoc Task Groups and monitoring projects, reviewing plans and reports; facilitating access to monitoring locations; and observing field monitoring efforts. Staff also participates directly in the BASMAA Monitoring and Pollutants of Concern Committee, and some activities of the Regional Monitoring Program's (RMP) Sources, Pathways, and Loadings Workgroup. For additional information on regional and countywide monitoring studies and work products, please see the Program's Annual Report and the *Integrated Monitoring Report, Water Years 13-19; March 31, 2020* available online at <https://scvurppp.org/2020/03/31/integrated-monitoring-report-2/>.

The Guadalupe River Watershed Mercury TMDL requires coordinated monitoring of fish in creeks and mercury loads to the San Francisco Bay by mine site and reservoir owners. Valley Water coordinated with project partners (County of Santa Clara, Midpeninsula Regional Open Space District, and Guadalupe Rubbish Disposal Company) to plan the second 5-year phase of the Coordinated Monitoring Program for the Guadalupe River Watershed Mercury TMDL project. A 5-year monitoring report was submitted to the SFRWQCB in January 2017. Valley Water led the development of a cost-share agreement to fund a consultant agreement for development and implementation of a plan to meet the mercury monitoring requirements. On January 23, 2018, the Valley Water Board approved the cost-share agreement and authorized the CEO to negotiate and execute the consultant agreement.

The sampling plan was reviewed by all partners and approved by the San Francisco Bay Regional Water Quality Control Board in October 2018. The consultants performed two monitoring events during storm flows during the 2019-2020 wet season. A progress report was submitted to the RWQCB in March 2020. An annual report was submitted in June 2020. All documents and reports can be found at <https://www.valleywater.org/project-updates/b1-impaired-water-bodies-improvement>.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance						
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If no, explain:						
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and <u>suggest reasons for increases in use of pesticides that threaten water quality</u> , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.						
Trends in Quantities and Types of Pesticide Active Ingredients Used¹						
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ²					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	0	0	0	0	0	
Active Ingredient Chlorpyrifos						
Active Ingredient Diazinon						
Active Ingredient Malathion						
Pyrethroids (see footnote #2 for list of active ingredients)	0	0	0	0	0	
Active Ingredient Type X						
Active Ingredient Type Y						
Carbamates	0	0	0	0	0	
Active Ingredient Carbaryl						
Active Ingredient Aldicarb						
Fipronil	0	0	0	0	0	
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21

¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

²Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Indoxacarb	Reporting not required in FY 15-16	0	0	0	0	
Diuron	Reporting not required in FY 15-16	0	0	0	0	
Diamides	Reporting not required in FY 15-16	0	0	0	0	
Active Ingredient Chlorantraniliprole						
Active Ingredient Cyantraniliprole						
<p>Reasons for increases in use of pesticides that threaten water quality: Guidance: Suggest reasons for increases in use, or write N/A if there was no increase in use.</p> <p>NA</p>						
<p>IPM Tactics and Strategies Used:</p> <p>Valley Water uses pesticides as one of the tools for pest management on its properties and facilities. The primary category of pesticides used is herbicides. Specific strategies that were used include:</p> <ul style="list-style-type: none"> • Insecticides are used after other methods, such as prevention or natural nontoxic control methods, have been shown to be ineffective in similar situations. Where use is needed, the product with the lowest toxicity is used in accordance with the manufacturer's label. • Herbicides are used only when alternatives such as mowing, hand removal, or grazing, have been shown to be ineffective or inefficient to meet the needs and requirements of the program. • For invasive species control, a combination of mechanical removal and if needed follow up herbicide treatment is typically used. • Facilities staff avoid use of pesticides by changing the conditions, cleaning the area and removing the attractant, using traps and baits or detractions before considering use of pesticides if needed. <p>Consistent with Valley Water's IPM policy, only employees authorized and trained to apply pesticides can use them at work. No over-the-counter pesticides are allowed in or around the workplace. Additionally, continuing education (CE) is required for employees to maintain certification for pesticide application.</p>						

C.9.b ► Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	18
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	18
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
Type of Training: Tailgates, safety meetings with concentrations on various topics such as integrated pest management, calibration, spills, handling, etc. Also, label and SDS training on all pesticides used. An additional 8 employees that do not apply or use pesticides within the scope of their duties were also trained.	

C.9.c ► Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes	No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes	No,
If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored Valley Water Vegetation Field Operations Unit staff verify contractor compliance with IPM practices by supervising them in the field at all times. Valley Water hires landscaping and structural pest control contractors who receive Valley Water's IPM policy and are also verbally reminded to utilize IPM practices. Contractors work from an approved list of pesticides, and their job reports are reviewed for compliance with the IPM practices. Also, the contractors must inform Valley Water of any changes to application or eradication practices. The contractors are required to be IPM certified.			
If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.			

C.9.d ► Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p>If yes, summarize the communication. If no, explain.</p> <p>In February of this year, Santa Clara County Ag conducted an audit of Valley Water's Vegetation Management program with respect to pesticides. All elements of the program met the County's standards.</p> <p>See Section 9 of the SCVURPPP FY 19-20 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.</p>				
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.</p>				

C.9.e.ii (1) ► Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
<p>Summary:</p> <p>The following separate reports developed by SCVURPPP summarize point of purchase outreach efforts conducted during FY 19-20:</p> <ul style="list-style-type: none"> • FY 19-20 Store Employee Training Report • FY 19-20 Store Employee Training Evaluation Summary • FY 19-20 Store Employee Training Status Table • FY 19-20 List of Stores in the IPM Store Partnership Program <p>These reports are included within the Program's FY 19-20 Annual Report</p>

C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:

See Section 7 and Section 9 of the Program's FY 19-20 Annual Report for a summary of outreach to residents and businesses that use or hire structural pest control and landscape professionals. In addition, see the following separate report, included within Section 7 of the Program's FY 19-20 Annual Report.

- FY 19-20 Watershed Watch Campaign Final Report

C.9.e.ii.(3) ► Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 19-20 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

C.9.f ► Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 19-20, we participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Program's FY 19-20 Annual Report.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary	
For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage	
Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	NA
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	NA
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	NA
SubTotal for Above Actions	NA
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	NA
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	NA
Total (Jurisdictional-wide) % Trash Load Reduction through FY 2019-20	NA
Discussion of Trash Load Reduction Calculation: Percent Trash reduction requirements are not applicable to the Santa Clara Valley Water District per the MRP.	

¹ See Appendix 10-1 for changes between 2009 and FY 19-20 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 19-20, during FY 19-20, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3. 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 19-20		
Trash Booms (Lower Silver Creek, Thompson Creek, Matadero Creek, Adobe Creek)	4	NA
Installed Prior to FY 19-20		
NA	NA	NA
Total for all Systems Installed To-date		NA
Treatment Acreage Required by Permit (Population-based Permittees)		NA
Total # of Systems Required by Permit (Non-population-based Permittees)		4

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 19-20 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 19-20 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 19-20	Summary of Maintenance Issues and Corrective Actions
NA	NA	NA	NA	NA
Total				

Certification Statement:

Trash reduction specifics are not applicable to the Santa Clara Valley Water District other than the installation of four (4) trash booms in Santa Clara County on District property.

During FY19-20, the following amounts of trash were removed from each trash boom:

Matadero: 0.0743 cubic yards (15 gallons) on 9/21/19 and 0.198 cubic yards (40 gallons) on 12/14/19.

Adobe: 0.050 cubic yards (10 gallons) on 9/21/19 and 0.149 cubic yards (30 gallons) on 9/21/19.

Lower Silver: 4 cubic yards on 2/19/2020.

Thompson: 5 cubic yards on 2/19/2020.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
NA	The District is a flood control agency. The District conducts numerous trash reduction and cleanup activities, including trash booms and hot spot cleanups.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 19-20 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

If no on-land visual assessments were performed, check here and state why:

☒

Explanation: Not applicable to Valley Water

TMA ID or (as applicable) Control Measure Area	Total Street Miles ² Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Available Street Miles Assessed	Avg. # of Assessments Conducted at Each Site	
NA	NA	NA	NA	NA	NA
Total		NA	NA	NA	NA

² Linear feet are defined as the street length and do not include street median curbs.

C.10.b.iv ► Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
NA	NA	NA	NA	NA

C.10.b.v ► Trash Reduction – Receiving Water Monitoring

Report on the progress of developing and testing your agency's trash receiving water monitoring program.

Development and testing of the trash receiving water monitoring program occurred through a regional project coordinated through the Bay Area Stormwater Management Agencies Association (BASMAA) and in coordination with the Trash Monitoring Methods Project, California Ocean Protection Council and State Water Board project that is being administered via the Southern California Coastal Water Research Project (SCCWRP) and San Francisco Bay Estuary Institute (SFEI). Consistent with MRP requirements, the final report for the development and testing of the Bay Area trash receiving water monitoring program was submitted by BASMAA on July 1, 2020, consistent with the MRP requirements, following peer review. Valley Water staff have chaired or co-chaired the BASMAA trash committee during this time and were actively engaged in developing the receiving water monitoring plan.

FY 2019-2020 Annual Report
Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 19-20 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 19-20.

Trash Hot Spot	New Site in FY 19-20 (Y/N)	FY 19-20 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
SWD02	N		45.4	5.33	6	--	--
SWD03	N	2/14/2020	2.7	0	6	1	3
SWD04	N	2/14/2020	1.7	1.7	3	0.03	4
SWD05	N	2/14/2020	0.5	0.8	1	0.05	1
SWD06	N	--	--	--	--	1.4	--
SWD07	N	8/5/2019	2.6	0	6	2.8	2.6
SWD08A	N	2/28/2020	3.2	--	2.5	--	0.3
SWD08B	N	2/28/2020	4.0	--	2.5	17.6	1
SWD09	N	2/28/2020	2.7	0	--	5	2
SWD10	N	--	13.7	--	10	15	--
SWD11	N	2/14/2020	1.6	5	1	0.03	1
SWD12	N	--	6.5	0.5	5	--	
SWD13	N	8/5/2019	6	5.1		0.08	0.5
SWD14	N	--	--	0.7	--	--	--
SWD15	N	--	--	2.2	--	--	--
SWD16	N	--	--	10	4	--	--
SWD17	N	--	--	--	3	--	--
SWD18	N	--	--	--	3	--	--
SWD19	N	7/31/2019	--	--	12.5	1.2	6.4
SWD20	Y	2/19/20	--	--	--	--	4
SWD21	Y	2/19/20	--	--	--	--	5

C.10.d ► Long-Term Trash Load Reduction Plan

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
NA	NA

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 19-20. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 19-20	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	NA	NA	NA
Direct Trash Discharge Controls (Max 15% Offset)	NA	NA	NA

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 19-20.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 19-20 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 19-20 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Totals	Please note, NA due to no TMAs																	

Section 11 - Provision C.11 Mercury Controls

C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions

C.11.b ► Assess Mercury Load Reductions from Stormwater

See the Program's FY 2019-20 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

In addition to the Program's activities, Valley Water addresses mercury as follows:

Valley Water owns and operates three reservoirs (Almaden, Calero, and Guadalupe reservoirs) and one lake (Lake Almaden) within the Guadalupe River Watershed that were included in the Clean Water Act (CWA) Section 303 (d) list as impaired due to mercury in 1999. A Basin Plan amendment, adopted in 2008 by the SFBRWQCB, established new water quality objectives and Total Maximum Daily Loads (TMDLs) for mercury in the Guadalupe River Watershed. In the Guadalupe River Watershed Mercury TMDL (Guadalupe TMDL), it is recognized that Valley Water initiated voluntary applied studies in these water bodies prior to its adoption, and that the continuation of these studies is one means of compliance with regulations pursuant to the Guadalupe TMDL. Valley Water's mercury reduction activities are implemented under its Impaired Water Bodies Improvement Program (Priority B1) within the Safe, Clean Water and Natural Flood Protection Program.

Inorganic mercury enters the reservoirs from the lands draining historic mercury mines in the upper Guadalupe River Watershed, atmospheric deposition, and water imported to Calero Reservoir. Methylmercury (the bio-available form of mercury) is produced in the reservoirs and in Lake Almaden during the warm summer months through processes related to the seasonal depletion of bottom oxygen.

Valley Water operates oxygenation systems at Calero Reservoir, Stevens Creek Reservoir, Guadalupe Reservoir, and Almaden Reservoir to suppress hypolimnetic methylmercury production. Oxygenation systems were installed in Calero and Stevens Creek reservoirs in 2012. Similar systems were installed in Guadalupe Reservoir in March 2013, and Almaden Reservoir in June 2015. Oxygenation systems have been operated nearly continuously throughout periods of summer stratification, with brief shutdowns due to mechanical failure. Solar circulators are operated continuously in Lake Almaden throughout the year.

The Guadalupe TMDL establishes an implementation schedule for reservoir treatment controls and includes new water quality objectives for mercury in fish tissue and surface water to be achieved by meeting target reductions of seasonal maximum methylmercury concentrations in the

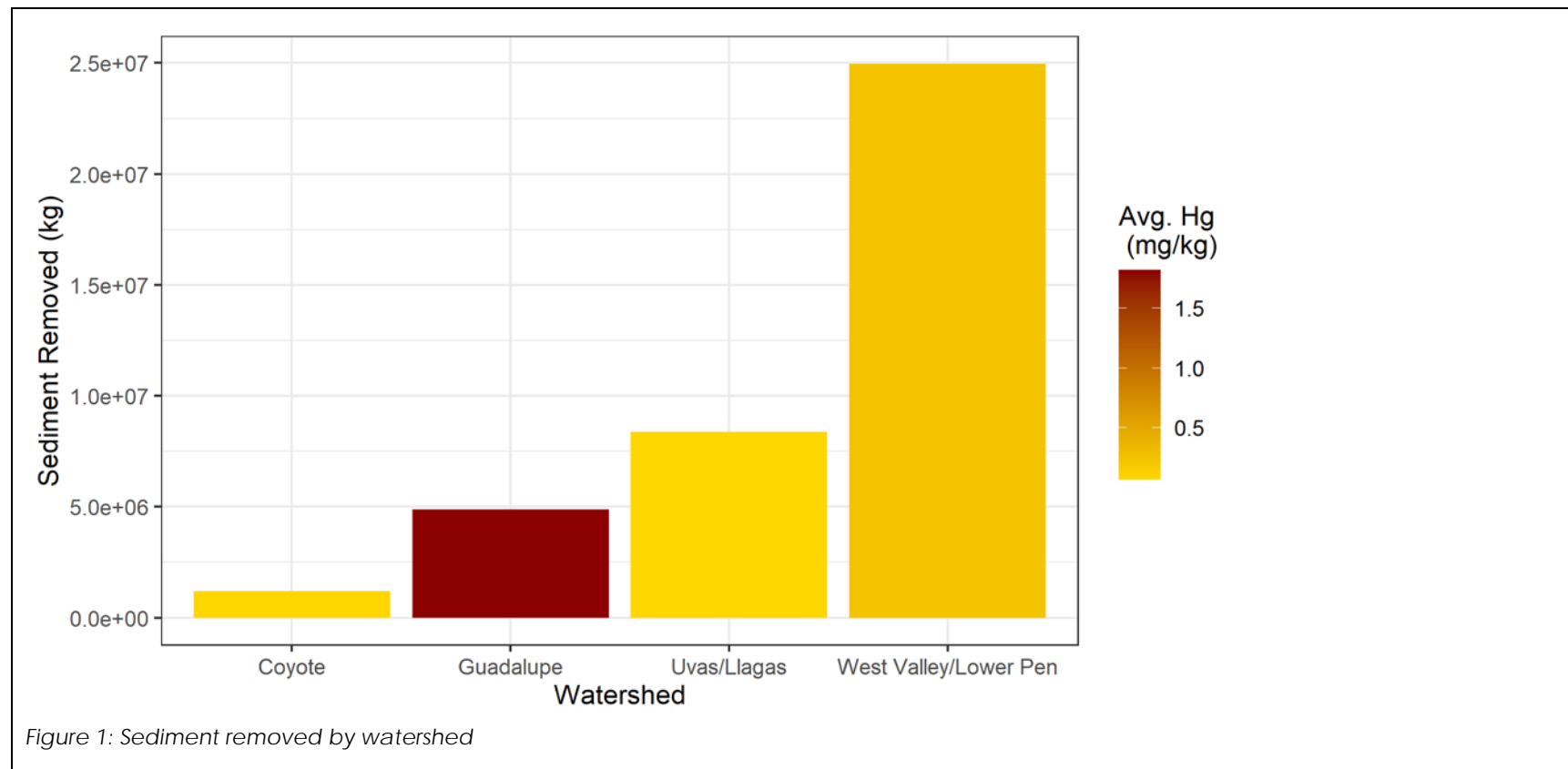
¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

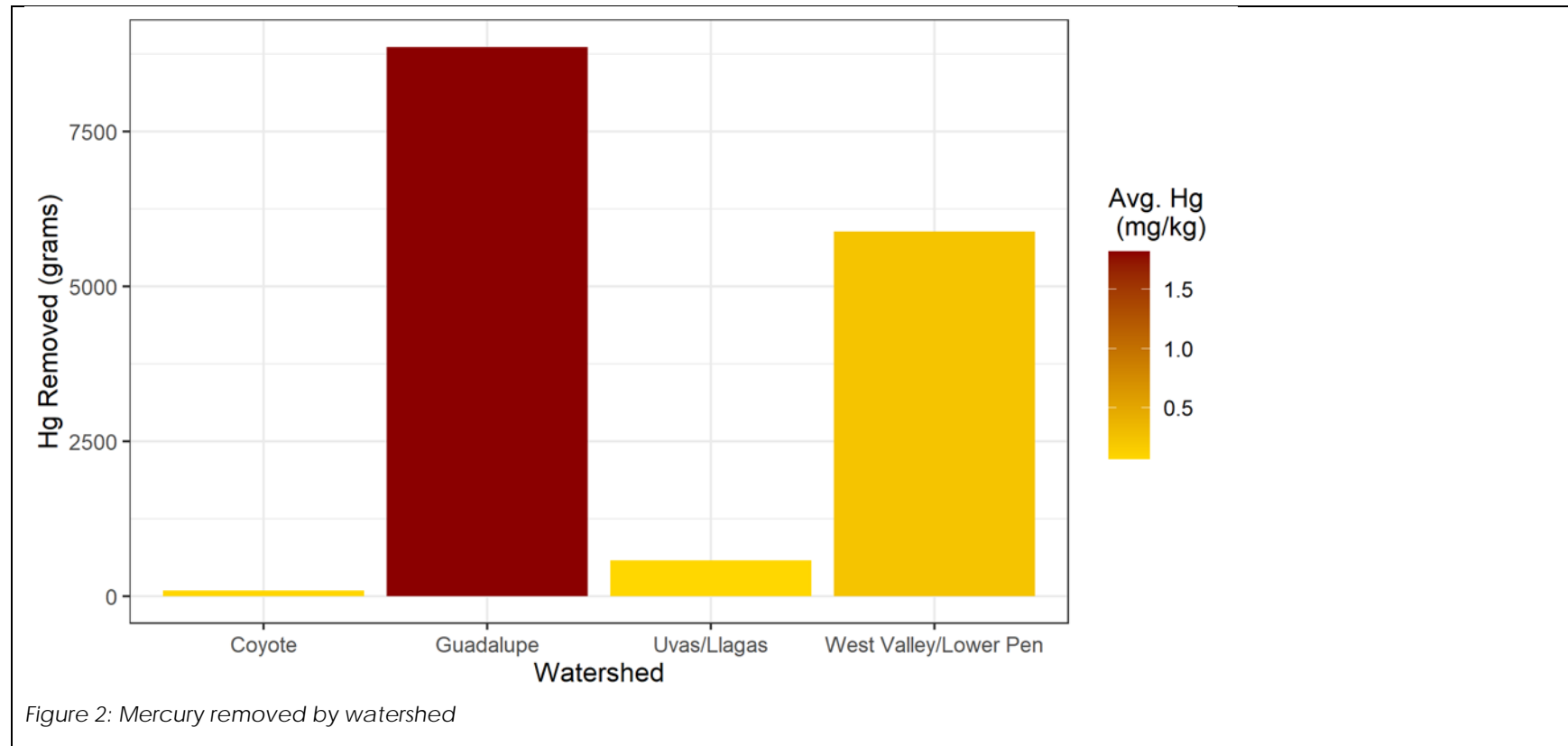
four reservoirs. Valley Water has implemented treatment controls on schedule in all the above-mentioned water bodies.

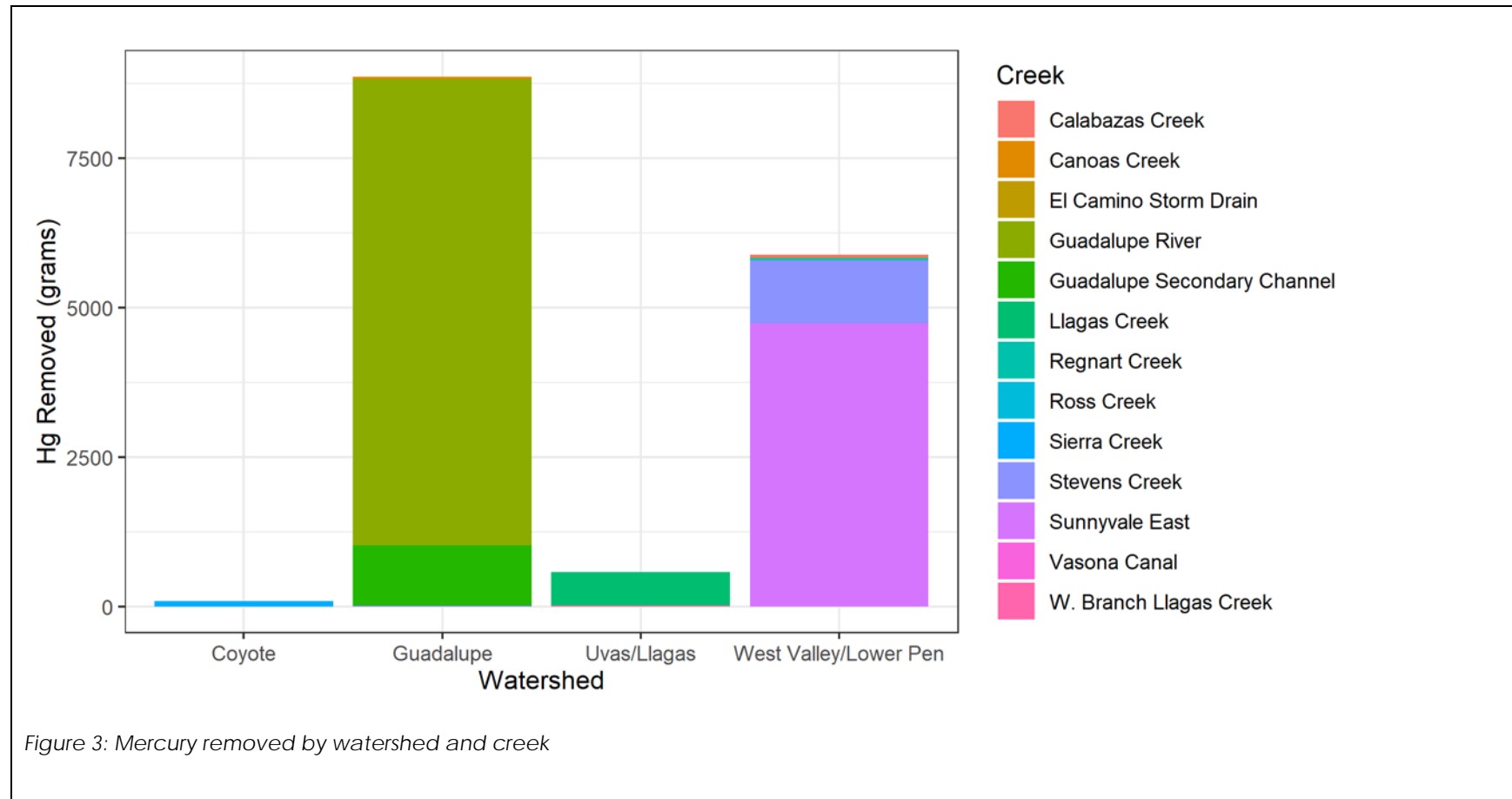
Fish tissue mercury concentrations in the Guadalupe Watershed exceed the U.S. Environmental Protection Agency's mercury criterion for the safe consumption of fish by humans. The Guadalupe TMDL defines a maximum limit for fish tissue mercury concentrations within the watershed. Fish sampling and laboratory analyses for mercury were conducted in August 2018 and April of 2019 at Almaden, Calero, Guadalupe, and Stevens Creek reservoirs. Fish sampling and laboratory analyses for mercury were not conducted in the spring or summer of 2020 due to the COVID-19 Pandemic. Valley Water provides periodic progress reports regarding its studies of methylmercury production and controls, and progress towards reducing the bioavailability of mercury in the affected reservoirs. For more information on this program and the biennial report submitted to the SFBWQCB please see <https://www.valleywater.org/project-updates/grants-and-environmental-protection/impaired-water-bodies-improvement>

As part of its Stream Maintenance Program (SMP), Valley Water removes sediment in channels and creeks to reduce the potential for local flooding and to meet the requirements of the Federal Emergency Management Agency for flood protection. Valley Water analyzes the sediments for various constituents, including for total mercury, to effectively plan for disposal or beneficial reuse and assist with determining the best management practices to avoid and minimize impacts to water quality and aquatic life during sediment removal and disposal. Sediment removal opportunistically removes mercury from the watershed.

During FY 19-20 Valley Water removed 4,878,350 kg of sediment from the Guadalupe Watershed, 1,200,460 kg from the Coyote Creek Watershed, 8,380,120 kg from the Uvas/Llagas Watershed, and 24,964,880 kg from the West Valley/Lower Peninsula Watershed (Figure1). Concentration of mercury in sediment removed from each watershed is shown in Figure 2. Total mercury removed by creek is shown in Figure 3. Using measured sediment mercury concentrations, this translates to a total of 15.42 kg of mercury removed from all watersheds (0.09 kg from Coyote Watershed, 8.87 kg from Guadalupe Watershed, 0.58 kg from Uvas/Llagas Watershed, and 5.88 kg from West Valley Watershed). 14.84 kg of mercury was removed from watersheds flowing to San Francisco Bay.







C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the Program's FY 2019-20 Annual Report for:

- An estimate of the amount and characteristics of land area that will be treated through green infrastructure implementation by 2020, 2030, and 2040, including all data used and a full description of models and model inputs relied on to generate this estimate; and
- A reasonable assurance analysis to demonstrate quantitatively that mercury reductions of at least 10 kg/yr will be realized by 2040 through implementation of green infrastructure projects. This submittal shall include all data used and a full description of models and model inputs relied on to make the demonstration and documentation of peer review of the reasonable assurance analysis

C.11.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations

See the Program's FY 2019-20 Annual Report for a mercury control measure implementation plan and corresponding reasonable assurance analysis that demonstrates quantitatively that the plan will result in mercury load reductions sufficient to attain the mercury TMDL wasteload allocations by 2028. The plan:

1. Identifies all technically and economically feasible mercury control measures (including green infrastructure projects) to be implemented;
2. Includes a schedule according to which these technically and economically feasible control measures will be fully implemented; and
3. Provides an evaluation and quantification of the mercury load reduction of such measures as well as an evaluation of costs, control measure efficiency and significant environmental impacts resulting from their implementation.

C.11.e ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, why these people are deemed likely to consume Bay fish, and the findings of an effectiveness evaluation of the risk reduction program, are included in the Program's FY 2019-20 Annual Report.

In 2018 Valley Water completed a Santa Clara County Angler Survey Report that included results from 409 social surveys at 13 lakes and reservoirs to assess public awareness of mercury-contaminated fish, risk from fish consumption, and opportunities for improving communications. The surveys conducted as part of this report increased public awareness of local mercury contamination in Santa Clara County. Valley Water staff currently inform ongoing outreach efforts to improve signage related to mercury in fish at County Parks. The full report is available at https://www.valleywater.org/sites/default/files/B1_AnglerSurvey_FinalReport_20181128_0.pdf

Section 12 - Provision C.12 PCBs Controls

C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions

C.12.b ► Assess PCBs Load Reductions from Stormwater

See the Program's FY 2019-20 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit".
- Any alternative method submitted (different from the default population-based method) and supporting information to derive Permittee-specific shares of load reduction value associated with implementation of Provision C.12.f. (Manage PCB-Containing Materials and Wastes during Building Demolition Activities).

¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2017.

C.12.c. ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the Program's FY 2019-20 Annual Report for:

- An estimate of the amount and characteristics of land area that will be treated through green infrastructure implementation by 2020, 2030, and 2040, including all data used and a full description of models and model inputs relied on to generate this estimate;
- A reasonable assurance analysis to demonstrate quantitatively that PCBs reductions of at least 3 kg/yr will be realized by 2040 through implementation of green infrastructure projects, including all data used and a full description of models and model inputs relied on to make the demonstration and documentation of peer review of the reasonable assurance analysis.; and
- An estimate of the amount of PCBs load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

C.12.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations

See the Program's FY 2019-20 Annual Report for a PCBs control measure implementation plan and corresponding reasonable assurance analysis that demonstrates quantitatively that the plan will result in PCBs load reductions sufficient to attain the PCBs TMDL wasteload allocations by 2030. The plan:

1. Identifies all technically and economically feasible PCBs control measures (including green infrastructure projects) to be implemented;
2. Includes a schedule according to which these technically and economically feasible control measures will be fully implemented; and
3. Provides an evaluation and quantification of the PCBs load reduction of such measures as well as an evaluation of costs, control measure efficiency and significant environmental impacts resulting from their implementation.

Permittee Name: Santa Clara Valley Water District

C.12.f. ► Manage PCB-Containing Materials During Building Demolition

See the Program's FY 2019-20 Annual Report for:

- Documentation demonstrating each Permittee's compliance with each of the minimum requirements in C.12.f.ii(1)(a)-(c);
- Documentation of the number of applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for during the reporting year;
- A running list of the applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for (since the date the PCBs control program was implemented) that had material(s) with PCBs at 50 ppm or greater, with the address, demolition date, and brief description of PCBs control method(s) used; and
- A description of an assessment methodology and data collection program developed and implemented by the Permittees to quantify PCBs loads reduced through the program for controlling PCBs during building demolition

C.12.f. ► Manage PCB-Containing Materials During Building Demolition

On July 1, 2019, was your agency ready to implement a method for identifying applicable structures (buildings built or remodeled between 1950 and 1980, except that single family residential and wood-framed buildings are exempt) that apply for a demolition permit?	NA	Yes		No
On July 1, 2019, was your agency ready to implement a method to manage PCBs during demolition of applicable structures?	NA	Yes		No
Does your agency have a data-gathering method in place to inform reporting on the effectiveness of your agency's program to manage PCBs during demolition of applicable structures (e.g., the number of applicable structures, and the amount and concentration of PCBs in priority building materials in applicable structures)?	NA	Yes		No
Not Applicable, Valley Water does not have permitting authority for demolition projects.				

C.12.h ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, why these people are deemed likely to consume Bay fish, and the findings of an effectiveness evaluation of the risk reduction program, are included in the Program's FY 2019-20 Annual Report.

Permittee Name: _____

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

Not applicable to the Santa Clara Valley Water District which does not have land use authority.

C.13.b.iii.(3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

Not applicable to the Santa Clara Valley Water District. Valley Water does not use copper containing algaecides.

C.13.c.iii ► Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary:

Not applicable as the Santa Clara Valley Water District is not the local industrial site permitting agency.

Section 15 -Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

Promote Conservation Programs, and Drought Tolerant and Native Vegetation

Valley Water has a number of water conservation programs, including residential and commercial conservation programs specifically aimed at reducing runoff and excess irrigation. The Landscape Rebate Program provides rebates for replacing high-water using landscapes with low water-using plants and permeable hardscapes, installing rainwater capture components (rain gardens, rain barrels, and cisterns) and for upgrading to efficient irrigation equipment. 786 rebates (\$632K) were issued through this program in FY 19-20. Other programs that work toward this goal include the Water Wise Survey Program, which provides free home water audits (an indoor Do-It-Yourself Kit and an outdoor irrigation audit with a trained specialist) for residents in Santa Clara County, and a Landscape Water Use Evaluation Program, which evaluates site water use and provides monthly usage reports. Valley Water also provides free hose nozzles and soil moisture meters. Valley Water also maintains several website pages on water waste reduction and water use efficiency. Valley Water works with water retailers to reduce water use. Valley Water provides residential Do-It-Yourself water saving kits and videos on check for and repairing leaks.

Promote Outreach for Less Toxic Pest Control and Landscape Management

For outreach on less toxic pest control and appropriate irrigation practices, refer to the Watershed Watch Campaign in the C.7. Public Information and Outreach section and the IPM Store Partnership and Green Gardener Training Programs in the C.9. Pesticide Toxicity Control section of Program's Annual Report. Additional Valley Water outreach efforts include:

Valley Water provides brochures on the use of drought tolerant and native vegetation. Valley Water also led the development of the South Bay Green Gardens webpage, "Partnering with Insects," to promote beneficial insects and reduce the use of harmful pesticides in landscapes. Valley Water's 2020 Creekwise brochure also encourages Creekside property owners to minimize use of pesticides (https://s3.us-west-2.amazonaws.com/assets.valleywater.org/CreekWise%202020%20flyer%20mailer_020320%20optimized.pdf).

Promote Outreach Messages to Encourage Appropriate Watering/Irrigation Practices

Valley Water periodically updates its outreach messages that encourage appropriate watering and irrigation practices. Valley Water's current campaign is "Yards Have Evolved" to encourage adopting water-efficient landscapes and participation in Valley Water's Landscape Rebate

Permittee Name: Santa Clara Valley Water District

Program. Valley Water also conducts messaging to dial back irrigation during fall and winter months. Valley Water has developed several literature pieces that specifically educate people on irrigation best management practices. This literature is given away at outreach events and by request through the mail to residents. Also, Valley Water's Nursery Outreach Program provides water-wise gardening literature to nurseries in the county. Valley Water is also one of the partners for the South Bay Green Gardens website, which promotes sustainable landscaping.

Implement Illicit Discharge Enforcement Response Plan for Ongoing, Large Volume Landscape Irrigation Runoff

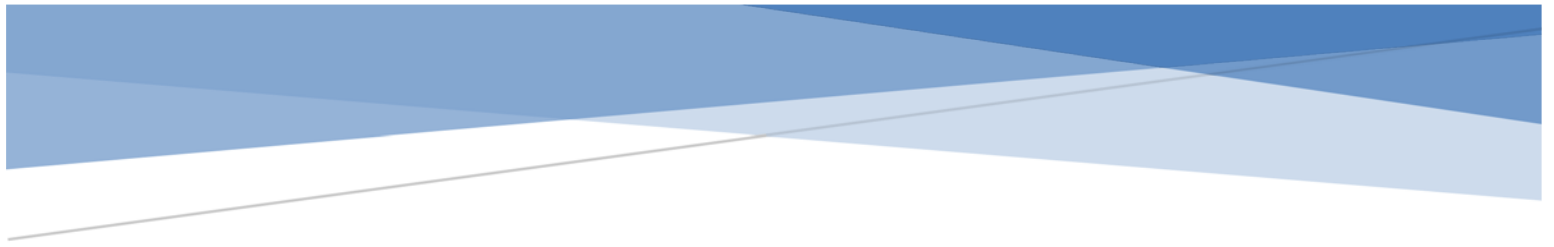
In September 2014, Valley Water initiated the Water Waste Inspector Program, and created advertisements for how people can report water waste to Valley Water. Water waste reports are received from citizens through Access Valley Water, the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to Water Waste Inspectors, who then visit the site and inspect for water waste, leaks, etc. The Water Waste Inspectors make direct contact with homeowners or business owners, leave educational materials if no one is there, or contact the appropriate retailer or municipality to address the issue. Valley Water maintains a 24/7 emergency response hotline that can respond to major water line breaks. During Shelter-in-Place, Water Waste Inspectors instead will mail letters to the property notifying them of the source of the water waste and Valley Water programs that could assist in resolving the concern. For FY 19-20, Valley Water processed 272 reports on water waste. Of these, 115 reports were water leaks from broken plumbing and irrigation systems, and 157 were for other types of water waste, such as overspray onto pavement and watering during the wrong time of day. All 272 reports were responded to and resolved. Valley Water's goal is to address all water waste reports within a business day of receiving the report.

Glossary

BASMAA	Bay Area Stormwater Management Agency Association
BMP	Best Management Practice
CASQA	California Stormwater Quality Association
CE	Continuing Education
CEO	Chief Executive Officer
CIP	Capital Improvement Projects
DPR	Department of Pesticide Regulation
EPA	Environmental Protection Agency
ERP	Enforcement Response Plan
FY	Fiscal Year
HHW	Household Hazardous Waste
HM	Hydromodification Management
IC/ID	Illicit Connection and Illegal Dumping
IDDE	Illegal Discharge Detection and Elimination
IND	Industrial/Commercial Discharger Inspection Program
IPM	Integrated Pest Management
ISO	International Organization for Standardization
LID	Low Impact Development
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MRP	Municipal Regional Permit
MSDS	Material Safety Data Sheet
NOI	Notice of Intent
NPDES	National Pollution Discharge Elimination System
O&M	Operation and Maintenance
OWOW	Our Water Our World
PAPA	Pesticide Applicators Professional Association

PCA	Pest Control Advisor
PCB	Polychlorinated Biphenyl
PCO	Pest Control Operator
POC	Pollutants of Concern
POTW	Publicly Owned Treatment Works
QAC	Qualified Applicator Certificate
QR	Quick Response
QSD	Qualified SWPPP Developer
QSP	Qualified SWPPP Practitioner
RFP	Request for Proposal
RMC	Regional Monitoring Coalition
RMP	Regional Monitoring Program
RWQCB	Regional Water Quality Control Board
RWTP	Rinconada Water Treatment Plant
SCC	Santa Clara County
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program (the Program)
SFB	San Francisco Bay
SJC	City of San Jose
SOP	Standard Operating Procedure
State	California State Agency
State Water Board	California State Water Resources Control Board
SWPPP	Storm Water Pollution Prevention Plan
TMA	Trash Management Area(s)
TSS	Total Suspended Solids
URL	Uniform Resource Locator
Valley Water	Santa Clara Valley Water District
Water Board	San Francisco Bay Regional Water Quality Control Board
ZLI	Zero Litter Initiative

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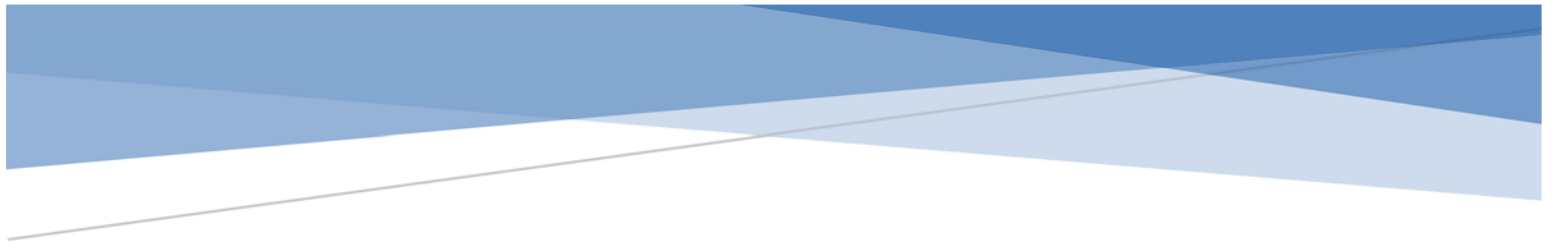


APPENDICES

Municipal Regional Stormwater Permit: Annual
Report FY 2019-2020

Appendices

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APPENDIX A

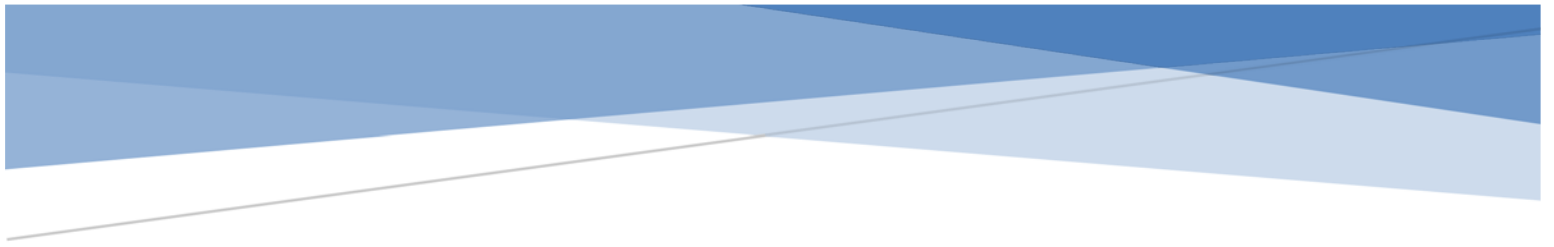
Trash Removal information through grants and
partnerships

Trash removal information from partnerships and grants for Projects B3 and B7

Estimated amount of trash and debris removed in Pounds, Tons, and Cubic Yards (CY) ¹									
Project	Grant Cycle	Grantee/ community partner	Grant Project Name	Amount Awarded	Total Project Cost	Status	Estimated Amount of Trash Removed		
							Pounds	Tons	CY
Pollution Prevention Partnerships and Grants (B3)	FY14	San José Parks Foundation	Trash Free Coyote Creek Cleanup and Surveillance Project	\$26,783	\$80,760	Closed (9/30/15)	82,000	41	410
	FY14	California Product Stewardship Council	Secure Pharmaceutical Collection Bin Expansion	\$206,417	\$276,352	Closed (10/6/17)	8,929 ¹	4.5	45
	FY16	South Bay Clean Creeks Coalition	South Bay Creek Cleanup Program	\$60,000	\$80,000	Closed (7/21/17)	20,000 ³	10 ²	100
	FY16	San Francisco Bay Wildlife Society	San Francisco Bay National Wildlife Refuge (NWR) Clean-Up 2016	\$35,391	\$73,390	Closed (3/22/18)	6,280	3.1 ¹	31
	FY16	Santa Clara County Creeks Coalition	Trash Free North Coyote Creek Watershed Stewardship and Engagement Project	\$89,596	\$148,849	Closed (3/15/18)	60,000	30 ¹	300
	FY18	Downtown Streets Team	Penitencia Creek Team	\$122,280	\$190,828	In progress	145,000	72	725 ¹
	FY18	Downtown Streets Team	El Camino Clean Up	\$122,280	\$190,828	In progress	12,654 ¹	6	63
	FY18	Santa Clara Valley Transportation Authority (VTA)	Keep Santa Clara Valley Beautiful Project	\$78,285	\$104,380	In progress	N/A	N/A	N/A
	FY19	City of San José (partnership)	Tully Road Ballfields Creek Cleanup Project	\$200,000	\$331,900	In progress	N/A	N/A	N/A
	FY20	Guadalupe River Park Conservancy	Reducing the Impacts of Litter Along the Guadalupe River Trail	\$90,049	\$225,100	Agreement execution in progress	N/A	N/A	N/A
	FY20	West Valley Clean Water Program Authority	School Site Stormwater Pollution Prevention Plans	\$35,088	\$78,230	Agreement execution in progress	N/A	N/A	N/A
Support Volunteer Cleanup Efforts and Education (B7)	FY14	Acterra	Acterra Lower Peninsula Healthy Creeks Project	\$68,600	\$179,910	Closed (9/30/16)	18,180 ¹	9	90 ²
		Clean Water Fund	ReThink Disposable: Preventing Riparian Trash at the Source	\$82,133	\$174,036	Closed (7/6/17)	24,265	12.1	121
		City of Sunnyvale	Schools Goin' Green	\$32,250	\$47,448	Closed (6/30/16)	4,189 ¹	2	20 ²
		Save the Bay	Clean Bay Project	\$60,000	\$241,243	Closed (6/30/16)	2,200 ¹	1	10 ²
	FY18	South Bay Clean Creeks Coalition	Los Gatos Creek TEAM 222 Project	\$15,000	\$19,995	In progress	18,000	9 ¹	90
	FY18	South Bay Clean Creeks Coalition	Friends of Coyote Creek Watershed North Coyote Creek Stewardship Project	\$35,000	\$46,665	In progress	40,800	24.4 ¹	240
	FY19	Gilroy Compassion Center	South County Creeks Team Project	\$30,000	\$38,590	In Progress	N/A	N/A	N/A
	FY19	Grassroots Ecology	Young Watershed Stewards Project	\$44,301	\$167,781	In Progress	N/A	N/A	N/A
Estimated Total							442,497 pounds	220.1 tons	2,245.00 cubic yards

¹ These numbers are the original reported by each grantee. The other numbers were converted by staff.

² This number was corrected from a previous miscalculation.



APPENDIX B

Complaint and Spill Response Phone Number

Pollution Hotline

If you see a substance polluting a creek, pond or reservoir, call anytime:

1-888-510-5151

You can also report these activities through the Access Valley Water customer service portal at: bit.ly/avw-scwvd.

The pollution hotline should be used to report the presence of hazardous and non-hazardous pollutants that acutely impact or threaten district-owned surface waters.

1. The caller will be greeted by an automated message and asked to record information about the incident
2. The hotline will then notify a district responder to make a return call to the reporting party and assess the information
3. If the situation warrants, district staff will investigate further or refer the incident for timely response

Landing Banner from Valley Water Home Website



Quick Links

[Board of Directors](#)
[Board Meeting Agendas](#)
[Board Committees](#)
[Contact Us](#)
Phone: 408-265-2600

[Pollution Hotline](#)
888-510-5151

Valley Water News



Wildfires and Power Outages:
Valley Water is Prepared



Valley Water Board of Directors
votes to place updated Safe,
Clean Water and Flood
Protection Program renewal
measure on November ballot



Valley Water refills ponds near
Penitencia Creek Trail after
repairs to concrete spillway

Sign up for our eNewsletter

[Stay up-to-date with Santa Clara Valley Water District](#)

Report water waste, homeless encampments, or
other problems to Valley Water >>



Access Valley Water online

Use our Access Valley Water customer request system to submit questions, complaints or compliments directly to district staff.



Contact Us

Our main telephone number is 408-265-2600

Contact Valley Water staff directly with a request, question, complaint or compliment via Access Valley Water.

- Email general questions or comments to: info@valleywater.org
- Email questions regarding job openings to: recruit@valleywater.org

Directions to the Valley Water offices

(NOTE: Valley Water offices are closed New Year's Day, Martin Luther King's Birthday, Presidents' Day, Cesar Chavez Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving, Christmas Day)

FAX: 1 (408) 266-0271

- If you know the four-digit extension of the person or office you would like to reach, you can dial 408-630-XXXX
- Information on making a [Public Records Request](#)
- If you see someone **dumping anything into a creek or river**, please call **888-510-5151**



Have a Public Records request?

We're committed to helping you find the information you need. Learn how to submit a Public Records request, and what to expect once you do.



Access Valley Water

Want to report water waste? See trash or downed trees in or near a creek? Wonder what a water district crew is working on in your neighborhood? Want to report graffiti, dumping or other problems in or near a creek? Have a question? Let us know. Assign the location or let the app assign it for you. You can even attach a photograph! A case will be created immediately.

- Use the links below to download the app to your mobile device, [or go here to Access Valley Water from your computer](#).

Download [Access Valley Water](#), a real-time way to send requests, questions, complaints and compliments directly to the Santa Clara Valley Water District. Use your smartphone to check on the status and receive messages from water district as your request is processed

