



Santa Clara Valley Water District Municipal Regional Stormwater Permit Annual Report FY 2023-2024



Valley Water
Clean Water • Healthy Environment • Flood Protection

Cover Photos

Top left:

Educational outreach at Briarwood Elementary School.

Top middle:

Spill mitigation at Lower Penitencia Creek using absorbent booms.

Top right:

Trash boom on Lower Silver Creek cleaned on December 13, 2023.

Bottom left:

Volunteers on National River Cleanup Day 2024.

Bottom middle:

Camden Yard rock BMP at outlet.

Bottom right:

Barn owl box used as part of the Stream Maintenance Program's Integrated Pest Management (IPM) strategy.



September 30, 2024

Ms. Eileen White
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 2023-2024 Annual Report

Dear Ms. White:

This letter and Annual Report with attachments is submitted by Santa Clara Valley Water District pursuant to Permit Provision C.22.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2022-0018, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2023-2024 and consists of the following:

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

Valley Water is reporting on the MRP 3.0 provisions that apply to this agency. As a flood protection, water supply, and stewardship agency, not all the MRP 3.0 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 participation in the Ad Hoc Task Groups (AHTG) that support implementation of the various permit provisions. In addition, Valley Water participates directly in various Bay Area Municipal Stormwater Collaborative (BAMSC) workgroups and CASQA subgroups, including serving as co-chair for the Stormwater Capture and Use subcommittee. Elements 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 (Reduce Toxins, Hazards and Contaminants in our Waterways). In addition, Valley Water actively promotes green stormwater infrastructure, including updating the Valley Water Board of Directors on Stormwater Resource Plans and project development, coordinating with internal and external partners to evaluate potential projects for stormwater capture and use, and promoting its public landscape rebate programs for installation of rain gardens, rain barrels, and other low impact development measures.



Eileen White
September 30, 2024
Page 2

Section C.2 Municipal Operations

During FY 23-24 Valley Water continued implementation of storm drain inspection and cleaning at its facilities and corporation yards. Formal annual stormwater inspections were completed at all Valley Water corporation yards in August and September 2023, and most best management practices (BMPs) were implemented and maintained according to site-specific stormwater pollution prevention plans (SWPPPs). Due to staffing issues and equipment availability, four sites were not able to complete corrective actions before the wet season. However, only one action was not completed before the first significant rain event in November 2023, but other temporary measures (i.e., tarp cover) were implemented during that time. Additional trainings occurred this year to increase awareness for new staff hired in FY 23-24. These additional trainings and reminders of annual inspections is expected to help ensure timely correction of deficiencies in FY25.

Section C.5 Illicit Discharge Detection and Elimination

Emergency Response Program – Pollution Prevention Hotline

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 171 emergency response reports throughout Santa Clara County during FY 23-24, 28 more than in FY 22-23. Of these, 144 were within the jurisdiction of the SFBRWQCB, 53 were discharge events that reached a waterway, and 91 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 percent 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 224 cases in FY 23-24. Thirty-six 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 25 percent of the cases were for illegal dumping on Valley Water property, which is predominately creekside. Dumped items consisted of trash, soil, vegetation, pet waste, construction/fencing materials, cooking grease and cigarette butts. Drainage issues included broken sprinklers/ irrigation systems, as well as outfalls/gutter pipes, concrete wash discharge, pool water, and water collected in residents' yards during the rainy season.

Water Waste Program

Valley Water started the Water Waste Program in 2014, effectively reducing urban non-stormwater discharges. Water Waste reports are received from the public through an online submission tool (Access Valley Water), the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to the water waste team, who contact the responsible party, typically the property owner, to ensure they are aware of the issue(s) that may be contributing to water waste. Letters are mailed to the property owner outlining the reported water waste and highlighting Valley Water rebate

Eileen White
 September 30, 2024
 Page 3

programs, free services, and resources that could assist in resolving the issue(s). Inspections may be conducted depending on the severity of the reported water waste. Throughout FY 23-24, the water waste team followed an educational approach for all water waste reports, in accordance with Valley Water Ordinance No. 23-02. Valley Water continued to spread the message regarding the ban on irrigating non-functional turf at commercial, industrial, and institutional properties. In FY 23-24, all 433 water waste reports were responded to within 24-business hours and ultimately resolved in a timely manner based on the nature of the report. There was a decline in water waste reports compared to FY 22-23, which was expected with the end of the most recent drought.

Section C.6 Construction Site Controls

A Senior Engineer, experienced and knowledgeable in stormwater 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' stormwater design and construction personnel and reviewed the Monthly Environmental Compliance Inspection Reports to ensure regulatory compliance for Valley Water's capital projects. In FY 23-24, stormwater inspections were performed by Valley Water's Construction Inspectors and Contractor inspectors on Capital projects as required by Valley Water's Enforcement Response Plan (ERP) as part of the Municipal Regional Permit. Capital Project Contractors' inspectors continued to perform monthly site-specific inspections to ensure appropriate BMP implementation and enforcement throughout the year in both wet and dry seasons. Valley Water's construction-related stormwater compliance program is continually improving by making adjustments to ensure that problems are addressed in a timely manner. Proposed improvements included, updating the monthly inspection report form and Enforcement Response Plan, and reminding contractors during weekly site construction meetings to ensure all BMP-related materials and personnel are available to implement corrective actions in a timely manner before the next rain event and no longer than 10 business days after deficiencies or BMP failures are found. Valley Water's construction and environmental inspection staff continued to work closely and diligently to ensure that all construction work was performed in accordance with the State Construction General Permit and the MRP. Valley Water participates in the SCVURPPP Construction AHTG which meets regularly to discuss challenges, compliance, and best management practices.

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 Water Resources Education Outreach Program (EO)
- A Youth Commission Board Advisory Committee
- A growing Adopt-A-Creek Program and 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
- A spring and summer conservation outreach campaign: "Bring Your Yard to Life!" uses paid digital and social media advertisements to promote adopting water-efficient landscapes and participating in the Landscape Rebate Program that incentivizes rain gardens, rain barrels, and cisterns, a Graywater Rebate Program, and Water Wise Outdoor Survey Program.

Valley Water's website continues to provide updates to the community, including stormwater pollution prevention messages. Our on-line maintenance request form ([Access Valley Water](#)) empowers citizens to

Eileen White
September 30, 2024
Page 4

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 stormwater pollution prevention program materials can be found. Valley Water uses several methods to conduct outreach, including newspaper, social media (e.g., Facebook, Instagram, and Nextdoor), website, blogs, in-class and virtual presentations, STEAM after school programs, library programs, educational tours, community events and workshops. The variety of outreach methods ensures that many Santa Clara Valley population segments are being reached, including residents, businesses, students, and people from other locations.

The Valley Water Education Outreach Program (EO) continued to serve school-aged children through virtual and in-person classroom lessons, school assemblies, field trips and tours, and summer programs. EO programming integrates messages and priorities of other Valley Water program areas. Programs are designed to teach students in grades TK-12 about water conservation, flood preparedness, and environmental stewardship. The EO Program also collaborated with local environmental education agencies and youth-serving organizations to increase the number of students exposed to water education. EO provides a hard copy of "You Are the Solution to Water Pollution" brochure to all educators who receive programming. Valley Water's Youth Commission, a 21-member board advisory committee, with three members representing each of Valley Water's seven districts, met every quarter during FY24. 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 visit the Learning Center for a more information about Education Outreach Programs and Events. – <https://www.valleywater.org/learning-center/water-education-programs-and-events>

Valley Water provides significant support for several citizen involvement events. The Santa Clara County cleanup efforts for National River Cleanup Day and Coastal Cleanup Day are coordinated by the Creek Connections Action Group (CCAG). As the Chair of the CCAG, Valley Water provides meeting support, graphic services, cleanup supplies, and site-coordinator training. On the day of the events, Valley Water provides phone staffing, logistical support, and reports results to the California Coastal Commission on Coastal Cleanup Day. After these events, Valley Water created and distributed outreach materials that highlight the cleanup effort. During FY 23-24, Coastal Cleanup Day included 53 organized group cleanup sites where 1,209 volunteers removed approximately 27,070 pounds of trash, including 3,614 pounds of recyclables along nearly 61 miles of waterways and natural areas in Santa Clara County. During FY 23-24, National River Cleanup Day included 42 organized group cleanup sites where 690 volunteers removed approximately 17,254 pounds of trash, including 773 pounds of recyclables along nearly 66 miles of waterways and natural areas in Santa Clara County.

Valley Water also coordinates the year-round Adopt-A-Creek Program, that assists community members with creek access permits, provides resources on best practices for creek cleanups, offers cleanup supplies, and organizes trash collection services following citizen-led creek cleanups.

Valley Water also administers a grant program which includes citizen involvement pollution prevention and education grants (Projects F9 in the Safe, Clean Water program). For information on the grant program, please see the Safe Clean, Water annual report, which will be posted to <https://www.valleywater.org/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive>.

Eileen White
September 30, 2024
Page 5

Section C.8 Water Quality Monitoring

Monitoring activities required in the stormwater permit are implemented at either the regional level through the BAMSC, or the county-wide level through Santa Clara Valley Urban Runoff Pollution Prevention Program (the Program). Valley Water participates directly in the Program's Monitoring and Pollutants of Concern AHTG and monitoring projects; reviewing and commenting on plans and reports; facilitating access to monitoring locations; and observing field monitoring efforts. Staff also participates directly in the BAMSC Monitoring and Pollutants of Concern Committee, and some activities of the Regional Monitoring Program's Sources, Pathways, and Loadings Workgroup.

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. Valley Water maintains a list of pesticides it will not use, which includes those pesticides identified in the MRP as threats to water quality. Only employees and contractors authorized and trained to apply pesticides can use them on Valley Water property. No over-the-counter pesticides, not on approved list, are allowed in or around the workplace. Valley Water staff verify contractor compliance with IPM practices through a multi-step approach, and a verbal reminder to use these methods during on-site supervision by Vegetation Field Operations Unit staff. Contractors can only apply pesticides from the approved list, and their job reports are reviewed to verify adherence to IPM practices. Additionally, contractor job reports are reviewed for compliance with IPM practices and contractors are required to notify Valley Water of any proposed changes to their application or eradication methods.

Section C.10 Trash Load Reduction

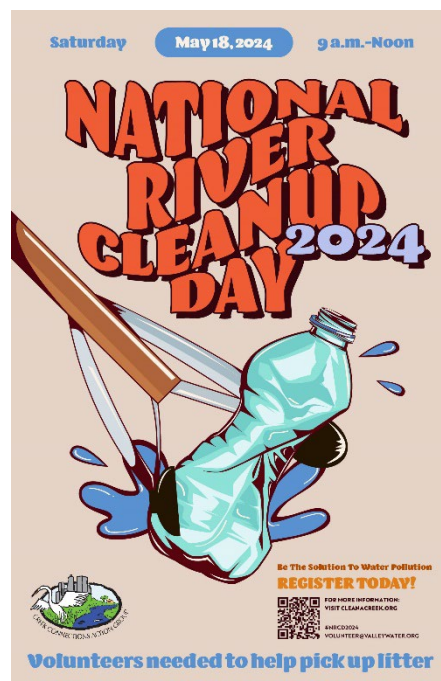
During FY 23-24, Valley Water continued various efforts to remove trash and debris from waterways in Santa Clara County. Valley Water conducts trash cleanup primarily through the voter approved Safe, Clean Water Good Neighbor Programs, Priorities F5 and F6: Encampment Cleanups and Graffiti and Litter Removal and Public Art. Some 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 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 Safe, Clean Water Program Priority B3, Hazardous Materials Management and Response. Additionally, Valley Water cleaned trash booms as required by the MRP during FY 23-24.

During FY 23-24, Valley Water continued to employ an encampment management strategy that leverages a variety of tools and approaches to better manage encampment sites and reduce the need for abatements until adequate housing is available. Under this strategy, Valley Water performs large scale trash cleanups throughout jurisdictional areas to prevent encampment-generated trash, debris, and hazardous materials from polluting waterways. However, there still may be situations when Valley Water will need to safely relocate an encampment for issues related to facility access or safety. Valley Water also utilizes a Water Resources Encampment Risk Assessment tool as a transparent way to prioritize encampments for removal when other significant factors are present. Valley Water continues to facilitate the Environmental Creek Cleanup Committee (Formerly the Homeless Encampment Committee) to discuss homelessness and encampment issues, and to bring recommendations back to the Board. The Committee meetings are open to the public and include participation from partner agencies, nonprofits, and the public.

Eileen White
September 30, 2024
Page 6

The amounts and costs of trash removed by the Safe, Clean Water Program is summarized in Appendix D of the Safe, Clean Water FY 23-24 Annual Report at <https://www.valleywater.org/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive>

Valley Water continued to coordinate local California Coastal Cleanup Day and National River Cleanup Day activities in Santa Clara County. In this role, Valley Water coordinates and organizes countywide volunteers by identifying potential cleanup locations on a web-based system. Graphics advertising FY 23-24 Coastal Cleanup Day and National River Cleanup Day are shown below. Additional information can be found at <https://cleanacreek.org/>.



Section C.11 Mercury Controls

Valley Water owns and operates three reservoirs (Almaden, Calero, and Guadalupe) 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.

The Guadalupe TMDL establishes a schedule for implementation 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 above-mentioned

Eileen White
 September 30, 2024
 Page 7

waterbodies. As a treatment control, Valley Water has installed hypolimnetic oxygenation systems (HOS) at the above-mentioned reservoirs to suppress hypolimnetic methylmercury production. During FY 23-24, a HOS was only deployed at Calero due to parts shortage for the Almaden Reservoir unit. Operation of the systems increases the temperature of reservoir releases, and may also contribute to algae blooms, especially under drought or low water conditions. Hypolimnetic oxygenation has been effective for reducing hypolimnetic methyl mercury, but fish tissue concentrations remain high. For this reason and owing to the negative side-effects of hypolimnetic oxygenation using line diffusers, Valley Water has entered into cost sharing agreements with UC Merced, UC Davis, and UC Santa Cruz to explore alternative methods to reduce methylmercury in water and fish in collaboration with Regional Water Quality Control Board staff. For more information on this program and the biennial report submitted to the SFBWRQCB please see <https://www.valleywater.org/project-updates/grants-and-environmental-protection/B1-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 mercury, PCBs, and copper), 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 provides concurrent opportunistic removal of mercury from watersheds. During FY 23-24 Valley Water removed over 53,216 cubic yards of sediment bearing 8.9 kg of mercury from watersheds flowing to San Francisco Bay.

Section C.15 Exempted and Conditionally Exempted Discharges

In compliance with the new Emergency Discharges of Firefighting Activities subprovision, Valley Water is providing input for the Regional Firefighting Discharges BMP Report, which is due to the Water Board on September 30, 2025, through participation in the SCVURPPP IND/IDDE AHTG. Valley Water anticipates fully implementing recommended BMPs/SOPs through contracted staff hired to assist with containment and cleanup, with guidance provided in the Regional BMP Report. Additionally, Valley Water staff reviewed facilities for applicability of the C.15.b.iii.(3)(c) "Large Industrial Facilities" by using a SCVURPPP guidance document from April 3, 2024. None of Valley Water facilities meet the Large Industrial Facility definition. Additionally, since Valley Water facilities are located within several other permittees jurisdiction, Valley Water will refer to the respective municipality Fire Department's procedures and BMPs in the event of a firefighting emergency on Valley Water property. Valley Water has standing agreements with contractors who are capable to provide appropriate containment and cleanup response.

Valley Water has several 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. In FY 23-24, 1,117 rebates (nearly \$3.2M) were issued through the Landscape Rebate program. Though participation declined in FY 23-24 relative to FY 22-23, participation rates remain very high considering the end of the 2020-2023 drought and the above-average rainfall last winter. Other programs that help reduce runoff and excess irrigation include the Water Wise Outdoor Survey Program (167 surveys in FY 23-24), that provides free outdoor irrigation audits with a trained specialist for single family residents and businesses with small landscapes in Santa Clara County. The Large Landscape Program similarly provides free outdoor irrigation audits with a trained specialist, but focuses on multi-family, commercial, industrial, and institutional properties with large landscapes and dedicated irrigation meters. Valley Water also provides free hose nozzles and soil moisture meters and maintains several website pages on water waste reduction and water use efficiency. Valley Water works


Eileen White
September 30, 2024
Page 8

with water retailers to reduce water use and provides residential Do-It-Yourself water saving kits and videos for checking and repairing leaks.

Valley Water has developed several literature pieces that specifically educate people on less toxic pest control and appropriate irrigation best management practices. Valley Water's Nursery Outreach Program provides water-wise gardening literature and rebate information to nurseries and irrigation supply stores 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.

Please contact James Downing at 408-630-2679, or by e-mail at jdowning@valleywater.org regarding any questions or concerns.

Very truly yours,

DocuSigned by:

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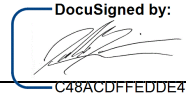
John Bourgeois
Legally Responsible Party
Deputy Operating Officer
Watershed Stewardship and Planning Division

SANTA CLARA VALLEY WATER DISTRICT FY 2023-2024 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:

C48ACDFFEDDE450...

9/26/2024

John Bourgeois
Legally Responsible Party
Deputy Operating Officer
Watershed Stewardship and Planning Division

Date

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

Table of Contents

Section	Page
Section 1 – Permittee Information	1-1
Section 2 – Provision C.2 Municipal Operations.....	2-1
Section 3 – Provision C.3 New Development and Redevelopment.....	3-1
Section 4 – Provision C.4 Industrial and Commercial Site Controls.....	4-1
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination	5-1
Section 6 – Provision C.6 Construction Site Controls.....	6-1
Section 7 – Provision C.7 Public Information and Outreach.....	7-1
Section 8 – Provision C.8 Water Quality Monitoring.....	8-1
Section 9 – Provision C.9 Pesticides Toxicity Controls	9-1
Section 10 – Provision C.10 Trash Load Reduction	10-1
Section 11 – Provision C.11 Mercury Controls	11-1
Section 12 – Provision C.12 PCBs Controls	12-1
Section 13 – Provision C.13 Copper Controls	13-1
Section 14 – Provision C.14 Bacteria Control for Impaired Water Bodies.....	14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges.....	15-1
Section 17 – Provision C.17 Discharges Associated with Unsheltered Homeless Populations.....	17-1
Glossary.....	G-1
Appendix.....	A-1

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****Permittee Information****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:	R2-2022-0018				
Reporting Time Period (month/year):	July 2023 through June 2024				
Name of the Responsible Authority:	John Bourgeois			Title:	Deputy Operating Officer, Watershed Stewardship and Planning Division
Mailing Address:	5750 Almaden Expressway				
City:	San Jose	Zip Code:	95118-3686	County:	Santa Clara
Telephone Number:	(408) 630-2990		Fax Number:		
E-mail Address:	Jbourgeois@valleywater.org				
Name of the Designated Stormwater Management Program Contact (if different from above):	James Downing		Title:	Senior Water Resources Specialist	
Department:	Environmental Planning Unit				
Mailing Address:	5750 Almaden Expressway				
City:	San Jose	Zip Code:	95118-386	County:	Santa Clara
Telephone Number:	(408) 630-2679		Fax Number:		
E-mail Address:	Jdowning@valleywater.org				

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.2 – Municipal Operations

Section 2 – Provision C.2 Reporting Municipal Operations

Program Highlights

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 one vehicle maintenance and parking facility (Corporation Yard); and seven material storage facilities (Winfield Facilities, Brokaw, Camden, Willow, Aborn, Winchester, and Prospect Storage Yards). Valley Water continued to inspect and clean storm drains at its facilities. Formal inspections were completed in August and September 2023 and most BMPs were implemented according to site specific SWPPPs, while a few required action items to follow up and make corrections before the wet season. Due to staffing issues and equipment availability, four sites were not able to complete corrective actions before the wet season. However, only one action was not completed before the first significant rain event in November 2023, but other temporary measures (i.e., tarp cover) were implemented during that time. Additional trainings occurred this year to increase awareness for new staff hired in FY 23-24. These additional trainings and reminders of annual inspections is anticipated to help with timely corrections of deficiencies for FY25.

During FY 23-24, Valley Water and its Land Manager, Santa Clara Valley Open Space Authority, conducted road maintenance, repairs, and regrading at Valley Water's Coyote Ridge Preserve. All appropriate BMPs were implemented during this work.

Valley Water staff participates in the Program's Municipal Maintenance AHTG. Refer to the C.2 Municipal Operations section of the Program's FY 23- 24 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, repair, or 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, vacuuming, and/or other dry methods to remove debris, concrete, or sediment residues, and spills or leaks, from work sites upon completion of work

Comments:

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.2 – Municipal Operations

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

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

Y	Prevention of polluted wash water and non-stormwater from pavement, sidewalk and plaza cleaning, mobile cleaning, outdoor pressure washing operations, and washing down of trash areas and gas station or mobile fueling service areas from discharging to storm drains
N/A	Inclusion of sanitizing procedures in BMPs for washing down outside areas of human habitation
Y	Implementation of BMPs such as those included in the BASMAA Mobile Surface Cleaner Program
N/A	Coordination with sanitary sewer agencies to determine if disposal to the sanitary sewer is available for the wastewater generated from these activities, provided that appropriate approvals and pretreatment standards are met
Comments: Valley Water normally does not conduct Sidewalk/Plaza Maintenance and Pavement Washing at its facilities. However, this year pressure washing of some surfaces using only water was required to remove tree sap in front of the headquarters building. As recommended in the CASQA Stormwater BMP Handbook, no soaps or detergents were used, storm drain inlets were protected with filter fabric and gravel bags, and wash water was directed to landscaped areas. Valley Water does not have areas with human habitation within its hardscaped facilities to wash down.	

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.

N/A	Control of discharges from bridge and structural maintenance activities directly into surface waters or storm drains
Y	Control of non-stormwater and wash water discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
N/A	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities
N/A	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 equipment to contain and recover a spill if it were to occur.	

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.2 – Municipal Operations

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ¹ roads?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.	
<input type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/> Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/> N/A	Constructing roads and culverts that do not impact creek functions, including migratory fish passage
<input type="checkbox"/> Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/> Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts, and address excessive erosion
<input type="checkbox"/> Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/> N/A	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or designing new culverts or bridge crossings
Comments (including listing increased maintenance in priority areas): 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, 2023 to June 30, 2024, Valley Water and its Land Manager, Santa Clara Valley Open Space Authority, conducted road maintenance, repairs, and regrading at Valley Water's Coyote Ridge Preserve. All appropriate BMPs were implemented during this work.	

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.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations****C.2.f. ► Corporation Yard BMP Implementation**Place an **X** in the boxes below that apply to your corporation 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 in stormwater such as wash water
<input checked="" type="checkbox"/>	Routine inspection of corporation yard(s) in August or September to ensure non-stormwater discharges have not entered the storm drain system and pollutant discharges are prevented to the maximum extent practicable
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary sewer or other collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection and disposal of all wash water to sanitary sewer or other location where it does not impact surface or groundwater if wet cleanup methods are used
<input checked="" type="checkbox"/>	Require private companies/contractors to use dry cleanup methods when cleaning debris and spills from corporation yard(s) or collect and dispose of all wash water to sanitary sewer or other location where it does not impact surface or groundwater if wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing pollutants

FY 2023-2024 Annual Report**C.2 – Municipal Operations****Permittee Name: Santa Clara Valley Water District****Comments:**

Valley Water staff conduct formal stormwater inspections annually or more frequently as needed to ensure compliance with section C.2 of the MRP. The following facilities were inspected during FY 23-24:

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. Corporation Yard storm drains discharge directly to Guadalupe Creek (Outfall A), Guadalupe River (Outfall B), and Alamitos 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.

Aborn, Winchester, Willow, and Prospect Storage Yards - These vacant yards are occasionally used to store large rock material, gravel, woodchips, or lumber for projects and are inspected annually. These occasionally used yards have been incorporated into the Camden Yard and Brokaw Yard SWPPPs.

Santa Teresa, Penitencia, and Rinconada Water Treatment Plants - Though not traditional corporation yards, Valley Water maintains SWPPPs and conducts annual stormwater inspections at each facility.

Accomplishments: During FY 23-24, all corporation yard facilities received annual stormwater inspection in compliance with provision C.2. Stormwater quality BMPs were also informally assessed throughout the year at Corporation Yard, Winfield Facilities, Headquarters/Almaden Campus and Camden Yard by trained facility staff onsite.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.2 – Municipal Operations

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	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. BMPs 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.	8/30/2023	BMPs in place. Replace BMP at inlet#1, add BMP to inlet #3, remove accumulated sediment at culvert, lift equipment off ground, store tires under tarp, sweep excess dirt, and pick up litter	Inlet BMPs replaced 8/31/2023. Loose dirt and litter cleaned; wattle installed by 9/13/2023. Tires stored in designated area on 9/18/2023. Needed additional time to make space in storage area. Equipment is being actively used.
		9/19/2023 10/18/2023 12/17/2023 1/11/2024 2/7/2024 3/15/2024 4/4/2024 5/20/2024 6/7/2024	No issues noted in monthly inspections; BMPs in place and effective.	N/A
Winfield Facilities	Vegetation Management Building and operational center, Hardware Warehouse, Sand bagging operations. BMPs include regular inspections, BMPs around storm drains to control sediment build up. Tarp materials piles to prevent Erosion. K-rail and dura wattle to contain sand.	8/17/2023	BMPs in place and effective. Noted to clean areas of excess sediment and leaf debris in gutters/around drain inlets. Cover tire pile, rusting equipment, and cover/wattle sand pile. Discharge from irrigation system leaking next to storm drain with gravel bags and filter fabric in place.	Areas with excess sediment and leaf debris were cleaned and sand pile was covered/wattled by 8/31/2023. Rusting equipment was removed and/or covered/lifted off ground by 9/15/2023. Additional time needed to find equipment owner.

² Minimum inspection frequency is once a year between August 1 and September 30.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations**

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
				Tires pile covered with tarp until new carport canopy arrives. Due to shipping delays canopy was not installed until 11/27/2023. Water leak investigation determined water break from water line on other side of property line. Leak no longer present as of 9/29/2023. Will continue to monitor. Delayed due to staff availability.
		9/15/2023 10/12/2023 11/14/2023 12/15/2023 1/10/2024 2/5/2024 3/28/2024 4/25/2024 5/9/2024 6/7/2024	Noted to replace filter fabric, clean drain rock, and remove sediment around BMP in November as well as in March. During remaining inspections, BMPs in place and effective.	BMPs were replaced in a timely manner for routine cleaning with available staff.
Headquarters/Almaden Campus	Parking area for employees, Administrative Building, Headquarters Building, BMPs grassy swales on West and North parking lots.	8/17/2023	Clean all storm drain inlets, replace broken inlet protection, pick up litter from swales, and check irrigation sprinklers. Active discharge found at Outfall C. Followed spill response procedures and collected water sample same day to	All corrective actions were completed between 8/25/2023 and 9/1/2023. Discharge at Outfall C was determined as

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations**

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
			determine if chlorine was present. No chlorine present and source was determined to be from rising groundwater and percolation pond.	exempt discharge under C.15 on 8/30/2023.
		9/19/2023 10/18/2023 11/16/2023 12/12/2023 1/10/2024 2/14/2024 3/12/2024 4/10/2024 5/7/2024 6/12/2024	BMPs in place and no immediate follow up indicated. Ongoing discussions to renew swales and sand filter.	Sand filter media was replaced in January 2024.
Camden Storage Yard	Used to store rock and large woody debris for stream restoration activities. BMPs 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.	8/30/2023	Existing rock BMP in place at outlet. Remove sediment buildup in front of rock BMP via regrading. Two stockpiles and need wattles and tarping. Remove accumulated trash piles.	All corrective actions completed by 11/8/2023. Due to SMP in-stream maintenance season, there were no staff available to respond.
		7/26/2023 9/26/2023 10/24/2023 11/30/2023 1/2/2024 1/30/2024 2/20/2024 3/20/2024 4/17/2024 5/16/2024 6/25/2024	Note to remove fine sediment from front of rock BMP by scraping, and regrading (July – October).	Debris removed from rock BMP and added new rock in November.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations**

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Brokaw Storage Yard	Used to store large tree and rock material. Site includes detention area in the center and rock gravel BMP on the back fence perimeter.	8/24/2023	Degraded straw wattles around perimeter fence near rocked v-ditch. Trash in sediment basin.	Trash removed on 8/31/2023. Discussed straw wattles around perimeter with site manager. Wattles were a temporary BMP from construction activity. Site was stabilized and material contained within sediment basin. Will continue to monitor during wet season.
Penitencia Water Treatment Plant	Water treatment plant BMPs include regular inspections, BMPs around storm drain inlets to control sediment build up. Tarp materials piles to prevent erosion.	8/22/2023	BMPs in place and effective. Reminder to keep dumpster lid closed. Clean leaves and dirt from inlets. Sweep pavement near chemical storage area, cover sand pile, and use secondary containment for oil drums stored outside.	BMPs maintained and issues corrected by 9/5/2023.
Santa Teresa Water Treatment Plant	Water treatment plant BMPs include regular inspections, BMPs around storm drains to control sediment build up. Tarp materials piles to prevent erosion.	8/22/2023	BMPs in place and effective. Clean inlets before wet season, including gutters leading up to drains. Cover stored equipment material and pick up litter and reminder keep dumpster lid closed.	Corrective actions for dumpster lid, litter pick up, covering equipment, and filter fabric replacement for inlet completed on 8/29/2023. Cleaned inlets and curb gutters on 9/5/2023. V-ditch cleaning and hill hydroseeding completed on 11/7/2023 and 11/10/2023. Delay due to available staff shortage and availability of

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations**

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
				hydroseeding equipment.
Rinconada Water Treatment Plant	Water treatment plant BMPs include regular inspections, and BMPs around storm drain inlets to control sediment build up.	8/29/2023	Non-stormwater discharge observed near floc/sed basins, and sediment accumulation near cut slope and unpaved areas. Notified supervisor immediately of active discharge to stop immediately and cleanup. Did not reach storm drain/V-ditch. Clean inlets of leaves and sediment and replace gravel bags/filter fabric. Replace wattles around perimeter, replace erosion control to cut slope, and replace tarp on stockpiles. Cover concrete with tarp, clean V-ditch at Pond 1 pipe, and remove chlorine tablets from inlet by fueling station.	Stopped discharge same day as inspection. Removed and cleaned inlet with chlorine tablets – 8/30/2023. Covered stockpile and construction material – 9/13/2023. All gutters cleaned – 10/10/2023. Removed construction BMPs where construction no longer active – 10/10/2023. Replaced gravel bags and filter fabric – 10/10/2023. Accumulated sediment removed and used erosion control BMP on slope - 11/16/2023. Delays due to staff availability and water treatment plant operations.
Aborn Court	Occasionally used to store large rocks or other materials for projects.	8/24/2023	Replace straw wattle at North end of yard by 10/1/2023.	Determined on 8/31/2023 wattles were part of bank stabilization and re-vegetation work. Was stabilized and vegetation is present; will continue to monitor.

FY 2023-2024 Annual Report**C.2 – Municipal Operations****Permittee Name: Santa Clara Valley Water District**

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Willow Street Storage Yard	Vacant yard occasionally used to store large rock material for projects. If sediment piles onsite BMPs include tarp covering/wattles.	9/6/2023	BMPs effective; no follow up necessary.	N/A
Winchester Yard	Used to store large rock piles, large tree trunks, lumber, and cinderblock. BMPs include one covered storage area for wood materials and enclosed sea-crate.	8/17/2023	BMPs effective; no follow up necessary.	N/A
Prospect Yard	Occasionally used to store wood chips or large rock piles for projects. If sediment piles onsite BMPs include tarp covering/wattles.	8/17/2023	BMPs in place and effective on one stockpile. Cover and wattle inactive stockpiles of dirt.	Corrective actions completed by 8/23/2023.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.2 – Municipal Operations**

C.2.h. ► Staff Training				
Dates of Training	Training Topics Covered	Total number of Permittee maintenance staff	Permittee maintenance staff who attended training	
			Number	Percent
8/1/2023	Annual C.2 Stormwater Training – Corporation Yard SWPPPs and BMPs, Stormwater pollution prevention, appropriate BMPs for maintenance and cleanup activities, Spill and discharge response and notification procedures and contacts.	2	2	100
1/30/2024	Rinconada Water Treatment Plant SWPPP Training – Corporation Yard SWPPPs and BMPs, Stormwater pollution prevention, appropriate BMPs for maintenance and cleanup activities, Spill and discharge response and notification procedures and contacts.	9	9	100
6/11/2024 6/13/2024	Stream Maintenance Program BMP Training – Focus was on stream maintenance program requirements but also included Corporation Yard SWPPPs and BMPs, Stormwater pollution prevention, appropriate BMPs for maintenance and cleanup activities, Spill and discharge response and notification procedures and contacts.	76	62	82
Comments: Two stormwater staff members attended the presentations related to stormwater at the Annual CASQA Conference in September 2023. A virtual training was also provided on November 9, 2023, to the Water Utility Maintenance Unit bi-weekly safety meeting. Overview of stormwater pollution prevention, SWPPP requirements, appropriate BMPs per the SWPPP, recent inspection results, and spill and discharge response and notification procedures and contact number. Attendance was not formally recorded during the safety meeting.				

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.3 – New Development and Redevelopment****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.

No regulated projects were approved in FY 23-24. In coordination with the County of Santa Clara, Valley Water will be conducting inspections for half of the stormwater treatment measures resulting from the Permanente Creek Flood Protection Project at Rancho San Antonio County Park. Since the County of Santa Clara owns the park, required reporting will be done by County of Santa Clara. See County of Santa Clara's Annual Report for regulated project information.

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**☐

N/A

No

Comments (optional): N/A

C.3.e.v ► Special Projects Reporting

1. In FY 23-24, 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**☐

N/A

No

2. In FY 23-24, 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**☐

N/A

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.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.3 – New Development and Redevelopment****C.3.h.v.(2). ► List of Newly Installed¹ Stormwater Treatment Systems and HM Controls**

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting period) stormwater treatment systems and HM controls (for both regulated and non-regulated projects) to the local mosquito and vector control agency and include a copy of that information in the Annual Report. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

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

1. Did your agency provide the list of newly installed Stormwater Treatment Systems and HM Controls to the Vector Control agency, either individually or through the Countywide Program? (If no, provide an explanation.)		Yes	X	No
2. Is a copy of the communication, including the list of newly installed treatment/HM measures, included in your Annual Report?		Yes, See Appendix 3-1	X	No, see SCVURPPP Annual Report for a copy of the communication and list.

C.3.h.v.(3)(a) – (c) ► 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 (FY 22-23)	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 23-24)	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 23-24). Include only stormwater related inspections.	N/A
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 23-24). Include only stormwater related inspections.	N/A % ²

¹"Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

² 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).

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.3 – New Development and Redevelopment****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:

N/A. Valley Water does not currently own any installed stormwater treatment measures or HM controls that resulted from regulated projects within the San Francisco Bay Water Board Region 2.

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 of the program).

Summary:

N/A

**C.3.i. ► Required Site Design Measures for Small Projects and
Smaller 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:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. Valley Water reviews all applicable projects for opportunities to implement at least one of the site design measures listed in Provision C.3.i.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.3 – New Development and Redevelopment****C.3.j.iii. ► No Missed Opportunities**

On an annual basis, submit a list of green infrastructure projects, public and private, that are 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.iii.(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.iii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Summary of Planning or Implementation Status of Identified Projects:

Valley Water included several projects in the Stormwater Resource Plan for the Santa Clara Basin, which are still in the conceptual planning phases and have not yet progressed to the point of implementation. However, a demonstration garden is being planned for the Valley Water Headquarters campus, which may include retrofitting the legacy parking lot bioswale to conform to current C.3 specifications. See Tables C.3.j.iii.(2)-A and C.3.j.iii.(2)-B.

Valley Water also refers to BASMAA guidance to identify and review potential green infrastructure projects.

C.3.j.iv.(2) ► 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 23-24 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.

C.3.j.v.(1)(a) ► Non-Regulated (Green Infrastructure) Projects Reporting

Fill in attached table **C.3.j.v.(1)(a)** with information on non-regulated GI projects that have completed construction during the reporting period, or attach your own table including the same information.

There were no non-regulated GI projects constructed during FY 23-24.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.3 – New Development and Redevelopment****C.3.j.v.(1)(d) ► Tracking and Mapping Tools**

Provide a summary report on the implementation of tracking and mapping tools and provide a link to the component which is available to the public.

Summary Report:

Please refer to the Program's FY 23-24 Annual Report for a summary of implementation of the tracking and reporting tools, and a link to the component which is available to the public.

C.3.j.v.(2) ► Green Infrastructure Plan Implementation

(For FY 2023-24 Annual Report Only) **Report on updates, addenda, and changes to the programmatic implementation of your Green Infrastructure Plan.**

Valley Water, as a special district, does not have land use authority nor does it own public rights of way such as streets or parking lots (other than parking lots associated with its own buildings) that can be retrofit with GSI. Valley Water incorporates LID principles in its own projects and at its facilities. Valley Water completed a Stormwater Resource Plan identifying and ranking potential sites for GSI. It included several projects that are still in the conceptual planning phases and have not yet progressed to the point of implementation. Valley Water also utilizes the One Water Plan to integrate water quality and watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies at the watershed scale for each of the main watershed areas in Santa Clara Valley. The Coyote, Guadalupe, and Uvas-Llagas Watershed One Water Plans are complete, while the Lower Peninsula-West Valley Watershed is beginning development. The One Water Plans are living documents that will continue to identify opportunities to increase green stormwater infrastructure and related multi-benefit actions in each watershed. Through the Santa Clara Basin Stormwater Resources Plan and One Water Plans, Valley Water coordinates with SCVURPPP permittees to help implement their Green Infrastructure Plans.

Additionally, Valley Water stormwater staff have been working closely with the Water Supply Planning group. Stormwater capture and GSI language have been included in the Water Supply Master Plan and Urban Water Management Plan. Valley Water has also implemented a Rainwater Capture Rebate program in conjunction with our Landscape Rebate Program since 2019. This program provides rebates to single family, multi-family and commercial customers (including schools) for installing rain barrels, cisterns, and rain gardens. The program was advertised using various channels. See: <https://www.valleywater.org/landscaperebateprogram>.

In addition, Valley Water's grant program awarded funding to Rescape California for a project that will design and implement a stormwater/bioswale pollution prevention project in Santa Clara County incorporating biochar. The project will reduce contaminants in local watersheds, educate the public on biochar's beneficial application on bioswale projects and leverage the Guadalupe Coyote Regional Conservation District's (GCRCD) participation to strengthen the project outcomes and increase public outreach. Public outreach will include at least two press releases, a ribbon cutting or project opening ceremony for Valley Water and project partners, a project website, ReScape Qualified Training at the project site during installation, and an educational workshop hosted by the GCRCD. The Project was executed in January 2024 and is currently in-progress.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

In August 2019, SCVURPPP completed the SCVURPPP GSI Handbook, which includes GSI project design guidelines, details, and specifications. The GSI Handbook includes two parts. Part 1, General Guidelines, provides guidance on selection, integration, prioritization, siting, and maintenance for GSI applications. Part 2 provides engineering and technical details and specifications that can be customized for construction plan submittals by designers, developers, and municipal agencies. The GSI Handbook is currently being updated, including updates and additions to the details and specifications in Part 2.

Since FY 18-19, SCVURPPP has been using the Stormwater Treatment Measure Data Portal (Data Portal), an online GSI tracking system to obtain, store, and access C.3-regulated and GSI project data at a countywide level. The system also allows projects, control measures, land use type, and acres of treatment to be visualized spatially on the web. The link above has been available to the public via the SCVURPPP website since 2020. Newly constructed Regulated and non-regulated GSI projects are added to the Data Portal each year.

SCVURPPP developed the following resources to educate the general public, municipal staff, and elected officials about GSI and LID techniques and conducted media advertising to promote GSI:

- An interactive webpage that includes information on rain gardens, rain barrels and pervious surfaces.
- Several videos and animations on GSI features.
- A fact sheet for educating the public about GSI.

SCVURPPP conducts trainings to educate municipal staff and consultants on GSI requirements. The following recent SCVURPPP training opportunities were publicized to municipal staff and consultants (when appropriate):

- SCVURPPP staff assisted with the planning of a "Green Streets for Sustainable Communities" Symposium in Fall 2020. The purpose of the symposium was to bring together elected officials, city staff leaders, stormwater experts, complete street/transportation experts, environmental activists, tree and urban ecology experts, and other stakeholders to explore how to better fund, design, build, manage, and maintain streets to optimize performance for people and nature. Details can be found on the TCSC website.
- SCVURPPP planned and held a workshop titled "Moving Forward with Green Stormwater Infrastructure Implementation" on June 10, 2021. The online workshop included presentations on: local and regional GSI projects; overview of new and proposed SCVURPPP products; upcoming MRP 3.0 requirements; information on the design, construction, and maintenance considerations for stormwater tree wells with suspended pavement systems; and a presentation on San Jose's GSI Maintenance Field Guide. A total of 138 municipal staff attended the workshop. The workshop flyer, agenda, evaluation summary, and attendance list posted at this link.
- SCVURPPP conducted a workshop titled "Green Stormwater Infrastructure in the Public Right-of-Way – Implementing New Requirements" on February 28, 2023. The workshop included information on updates to Provision C.3, guidance on evaluation of GSI opportunities in streets and parking lot projects, and two breakout sessions on GSI opportunity screening and policies for implementing GSI in the frontage. A total of 159 municipal staff attended the workshop. The workshop flyer, agenda, evaluation summary, and attendance list are posted at this link.
- SCVURPPP staff presented a workshop for the American Public Works Association, Silicon Valley Chapter on June 21, 2023 covering the new MRP C.3 and GSI requirements, and evaluation of GSI opportunities in streets and parking lots, including review of capital projects for "No Missed Opportunities," GSI location identification and screening, an example desktop screening exercise, and field evaluation."

Municipal staff and elected officials attended the following recent trainings:

- Valley Water stormwater staff also attended the Annual SCVURPPP C3 Workshop on April 25, 2023.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

- In June 2024, Valley Water staff made two presentations to the Valley Water Board of Directors during a Water Supply and Demand Management Committee on the potential multiple benefits of green stormwater infrastructure, including capture and use.

C.3.j.v.(3) ► Numeric Retrofit Requirements
In each Annual Report, report on progress made towards the retrofit requirements described in Provision C.3.j.ii.(2).

As a non-population based permittee, Valley Water does not have a retrofit assignment. However, through the One Water Plan and Santa Clara Basin Stormwater Resources Plan, Valley Water supports SCVURPPP permittees to help meet the numeric retrofit requirement.

Please refer to the Program's FY 23-24 Annual Report for a summary of progress made towards the retrofit requirements described in Provision C.3.j.ii.(2) at the countywide level.

C.3.j.v.(6) ► One-time Offset of Numeric Implementation Retrofit Requirements

In FY 2022-23, did your jurisdiction submit a report to offset numeric implementation retrofit requirements by a one-time credit of up to 25 percent? (If no, move to the next table.)		Yes	N/A	No
Retrofit impervious area treated due to implementation of the ordinance in FY 23-24 (acres):	N/A			
Cumulative area of retrofit impervious area treated due to implementation of the ordinance up to the end of FY 23-24 (acres):	N/A			

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

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 ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁷	Total Replaced Impervious Surface Area (ft ²) ⁸	Total Pre- Project Impervious Surface Area ⁹ (ft ²)	Total Post- Project Impervious Surface Area ¹⁰ (ft ²)
Private Projects											
N/A											
Public Projects											
N/A											
Comments: No regulated projects were approved this fiscal year. See County of Santa Clara's Annual Report for information on Permanente Creek Flood Protection Project at Rancho San Antonio County Park, as mentioned in C.3.b.iv.(2) above.											

³ Include cross streets

⁴ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁵ Project 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.

⁶ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

⁸ All impervious surfaces added to any area of the site that was previously existing impervious surface.

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

¹⁰ For 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.	Project Status ¹¹	Estimated or Actual Completion Date ¹²	Source Control Measures ¹³	Site Design Measures ¹⁴	Treatment Systems Approved ¹⁵	Type of Operation & Maintenance Responsibility Mechanism ¹⁶	Hydraulic Sizing Criteria ¹⁷	Alternative Compliance Measures ^{18/19}	Alternative Certification ²⁰	HM Controls ^{21/22}
Private Projects										
N/A										

¹¹ Provide status of project (e.g., application date, application deemed complete date, project approval date).

¹² Provide an estimate of the construction completion date (e.g., specific month and year, or year). If not known, write "TBD" or not available.

¹³ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁴ List 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.

¹⁵ List 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.).

¹⁶ List 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.

¹⁷ See 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).

¹⁸ For 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.iv.(2)(m)(i) for the offsite project.

¹⁹ For 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.iv.(2)(m)(ii) for the Regional Project.

²⁰ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²¹ If HM control is not required, state why not.

²² If 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).

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

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 ²³	Date Construction Scheduled to Begin or Date of Completion	Source Control Measures ²⁴	Site Design Measures ²⁵	Treatment Systems Approved ²⁶	Operation & Maintenance Responsibility Mechanism ²⁷	Hydraulic Sizing Criteria ²⁸	Alternative Compliance Measures ^{29/30}	Alternative Certification ³¹	HM Controls ^{32/33}
Public Projects										
N/A										
<div>Comments:</div> <div>No regulated projects were approved this fiscal year.</div> <div>See County of Santa Clara's Annual Report for information on Permanente Creek Flood Protection Project at Rancho San Antonio County Park, as mentioned in C.3.b.iv.(2) above.</div>										

²³ For public projects, enter the plans and specifications approval date.

²⁴ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁵ List 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.

²⁶ List 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.).

²⁷ List 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.

²⁸ See 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).

²⁹ For 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.iv.(2)(m)(i) for the offsite project.

³⁰ For 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.iv.(2)(m)(ii) for the Regional Project.

³¹ Note whether a third party was used to certify the project design complies with Provision C.3.d.

³² If HM control is not required, state why not.

³³ If 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.h.v.(2). ►Table of Newly Installed³⁴ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

See the SCVURPPP FY 23-24 Annual Report for a copy of the communication to Vector Control.

See County of Santa Clara's Annual Report for information on Permanente Creek Flood Protection Project at Rancho San Antonio County Park, as mentioned in C.3.b.iv.(2) above.

Name of Facility	Address of Facility	Party Responsible ³⁵ For Maintenance	Type of Treatment/HM Control(s)
Public or Private Regulated Projects			
N/A			
Public or Private Non-regulated GI Projects			
N/A			

³⁴ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
³⁵ State the responsible operator for installed stormwater treatment systems and HM controls.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

C.3.e.v. Special Projects Reporting Table														
Reporting Period – July 1, 2023- June 30, 2024														
Project Name & No.	Permittee	Address	Application Submittal Date ³⁶	Status ³⁷	Description ³⁸	Site Total Acreage	Total Impervious Surface Created / Replaced ³⁹ (ft ²)	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁰	Category C Projects: # of DUs in each AMI Category and # of Manager's DUs	LID Treatment Reduction Credit Available ⁴¹	List of LID Stormwater Treatment Systems ⁴²	List of Non-LID Stormwater Treatment Systems ⁴³
N/A														

³⁶ Date that a planning application for the Special Project was submitted. If a planning application has not been submitted, include a projected application submittal date.

³⁷ 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.

³⁸ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁹ The total impervious surface in acres created or replaced by the project, which is subject to the treatment requirements listed in Provision C.3.e.ii.(1).

⁴⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴¹ For 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.

⁴² 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.

⁴³ List 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.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

Special Projects Narrative: N/A

C.3 – New Development and Redevelopment

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

C.3.j.iii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
Headquarters Demonstration Garden	Installation of a demonstration garden as a living model of compliance with Valley Water's Landscape Rebate Program guidelines. Includes identifying and integrating existing stormwater capture infrastructure into the garden design, refurbishing and enhancing it where necessary to maximize water conservation and minimize runoff.	Planning	TBD	Bioretention areas will be considered to retrofit legacy bioswales in parking lot to conform to current C.3 specifications.

C.3.j.iii.(2) ► Table B - Planned Green Infrastructure Projects During the Permit Term

Project Name and Location ⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
N/A			

⁴⁴ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁶ 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.

⁴⁷ 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.

⁴⁸ 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.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.3 – New Development and Redevelopment

C.3.j.v.(1)(a)► Non-Regulated (Green Infrastructure) Projects Reporting Table – Projects Constructed During the Fiscal Year Reporting Period

Project Location, Street Address	Name of Owner	Project Description	Construction Completion Date	Treatment Measures	Party Responsible for O&M	Hydraulic Sizing Criteria ⁴⁹	Total Area Draining to Treatment Measures (ft ²)	Impervious Area Treated (ft ²)	Pervious Area Treated (ft ²)
N/A									
Comments:									

⁴⁹ See 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).

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.4 – Industrial and Commercial Site Controls****Section 4 – Provision C.4 Industrial and Commercial Site Controls****Program Highlights and Evaluation****Highlight/summarize activities for reporting year:**

Summary:

Not applicable to Valley Water.

C.4.d.iii.(1)(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 at each site.
	Number
Total number of inspections conducted (C.4.d.iii.(1)(a))	N/A
Total number of 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.(1)(c))	N/A
Comments: N/A	

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.4 – Industrial and Commercial Site Controls****C.4.d.iii.(1)(b) ► Number of Each 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.(1)(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 Category²	Number of Actual Discharges	Number of Potential Discharges
N/A	N/A	N/A

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: N/A						

¹Agencies to list specific enforcement actions as defined in their ERPs.²List your Program's standard business categories.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.5 – Illicit Discharge Detection and Elimination

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:

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 171 emergency response reports throughout Santa Clara County during FY 23-24, 28 more than in FY 22-23. Of these, 144 were within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (Region 2), 55 (53 within Region 2) were discharge events that reached a waterway, and 115 (91 within Region 2) required a 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. For FY 23-24, the Community Projects Review Unit's Code Enforcement Program processed 224 cases. Of the 224 cases, encroachment violations accounted for 36% of the cases. Encroachments (unauthorized private use of Valley Water's property) often occur on creekside or near-creekside lands and 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 25% of the cases were for illegal dumping on Valley Water property, which is predominately creekside. Dumped items consisted of trash, soil, vegetation, pet waste, construction/fencing materials, cooking grease and cigarette butts. Drainage issues included broken sprinklers/irrigations systems, as well as outfalls/gutter pipes discharging concrete wash, pool water, and water collected in residents' yard during the rainy season.

Water Waste Program

Valley Water started the Water Waste Program in 2014. Water waste reports are received from the public through an online submission tool (Access Valley Water), the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to the water waste team who contact the responsible party, typically the property owner, to ensure they are aware of the issue(s) that may be contributing to water waste. Letters are mailed to the property owner outlining the reported water waste and highlighting Valley Water rebate programs, free services, and resources that could assist in resolving the issue(s). Inspections may be conducted depending on the severity of the reported water waste. Throughout FY 23-24, the water waste team followed an educational approach for all water waste reports, in accordance with Valley Water Ordinance No. 23-02. Valley Water continued to spread the message regarding the ban on irrigating non-functional turf at commercial, industrial, and institutional properties.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.5 – Illicit Discharge Detection and Elimination**

Valley Water processed 433 water waste reports in FY 23-24, which were responded to within 24-business hours and ultimately resolved. The time required to resolve cases varies depending on the nature of the report, the details included with the initial report, the receptiveness of the property with the reported violation, and the stakeholders involved (typically but not limited to the water retailer or city). With the end of the most recent drought, this decline in reporting was expected. Reports involved water leaks from broken plumbing and irrigation systems, overspray onto pavement, irrigation runoff, and watering during the wrong time of day. Irrigation runoff from 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.

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 Program.

ADDITIONAL ACTIVITIES

Valley Water staff participates actively in the Program Industrial and Illicit Discharge Detection and Elimination (IND/IDDE) AHTG. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 23-24 Annual Report for a description of activities at the Program or regional level.

C.5.c.iii ► Complaint and Spill Response Phone Number*(for FY 23-24 Annual Report only)*

C.5.c.iii.(1)(a) List below your complaint and spill response phone number

1-888-510-5151

C.5.c.iii.(1)(a) Provide your complaint and spill response web reporting address or a link to a web-based reporting application, if used

<https://www.valleywater.org/pollution-hotline>

C.5.c.iii.(1)(b) Is a screen shot of your website showing the central contact point included?

☒

Yes

☐

No

See Appendix 5-1.

If No, explain:

C.5.c.iii.(1)(c) Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web reporting address or web-based reporting application) 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](https://www.valleywater.org) website at the bottom banner of every page and under "contact us" (see Appendix 5-1). It is also included in the resources for Adopt-a-Creek partners. In addition, the

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.5 – Illicit Discharge Detection and Elimination**

phone number and web address were included in the Creekwise Brochure and Flood Mailers sent to residents. The pollution hotline is included in the Program brochures and listed on municipality and nonprofit webpages.

The pollution hotline is publicized to staff through the internal employee directory and courses taught to employees by Environmental Health and Safety (EH&S) staff (hazardous waste handler, facility evacuation & spill response) and Environmental Planning Unit (EPU) staff (SWPPP and stormwater awareness trainings). In addition, the Pollution Hotline is incorporated into facility Emergency Actions Plans (EAPs) developed by EH&S and facility SWPPPs developed by EPU. The Pollution Hotline and web reporting page have also been shared regionally with the Program's Industrial and Illicit Discharge Detection and Elimination (IND/IDDE) AHTG members.

More information on the phone number and web reporting follow:

- 1) The Pollution Hotline 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 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 during the next regularly scheduled business hours. Jurisdictional authority could reside with a co-permittee, state or federal agency.
- 2) Access Valley Water (AVW) 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 as a request is processed. Issues reported to AVW that are found to be outside of Valley Water jurisdiction are forwarded to the appropriate government entity (<https://access.valleywater.org/s/>).

C.5.d.iii.(1) ► Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number
Discharges reported (C.5.d.iii.(1)(a))	144
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(1)(b))	53
Discharges resolved in a timely manner (C.5.d.iii.(1)(c))	144
Comments: Valley Water responded to 144 illicit connection/illegal dumping (IC/ID) reports in the San Francisco Bay Region 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.	

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.5 – Illicit Discharge Detection and Elimination****C.5.e.iii.(2)(a)&(c) ► Mobile Sources Inspections and Enforcement**

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

	Number
Mobile business inspections conducted (C.5.e.iii.(2)(a))	N/A
Summary of the enforcement actions taken against mobile businesses during the reporting year (C.5.e.iii.(2)(c)).	
Summary: Not applicable to Valley Water.	

C.5.e.iii.(2)(b) ► Frequency of Mobile Sources Inspections by Business Type

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

Mobile Business Type ¹	Number Inspected ²
N/A	N/A
Comments:	

C.5.f.iii ► MS4 Map(s) Availability*(for FY 23-24 Annual Report only)*

Discuss how you make your MS4 map(s) available to the public and how you publicize the availability of the MS4 map.

Not applicable to Valley Water.

¹ Including, but not limited to, automobile washing, vehicle fueling, power washing, steam cleaning, graffiti removal and carpet cleaning.² The number of each type of mobile business inspected.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.6 – Construction Site Controls****Section 6 – Provision C.6 Construction Site Controls**

C.6.e.iii.(1)(a), (b), (c), (d), (e) ► Site/Inspection Totals				
Total number of construction sites requiring inspections during at least part of the Permit year; (C.6.e.iii.1.a)	Total number of active hillside sites disturbing <1 acre of soil requiring inspection (C.6.e.iii.1.b)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.d)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.c)	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.1.e)
16	0	5 (BMP Action Plans)	11	153
<p>Comments:</p> <p>During active construction work, a total of 187 monthly inspections were conducted at 19 Valley Water (VW) construction sites throughout Santa Clara County during FY 23-24 compared to 138 monthly inspections in FY 22-23. Of these, 16 sites and 153 monthly inspections were conducted within the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) jurisdiction. Three construction sites that were greater than or equal to 1 acre were within Central Coast Regional Water Quality Control Board (CCRWQCB) jurisdiction. In previous years there has only been one construction site within CCRWQCB jurisdiction reported.</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.</p> <p>Does not apply.</p>				

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.6 – Construction Site Controls****C.6.e.iii.(1)(f) ► Construction Related Storm Water Enforcement Actions**

	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning	30
Level 2	Written Warning	2
Level 3	Notice of Non-compliance/Notice to Abate a Public Nuisance and/or a Stop Work Order	0
Level 4	Legal Action	0
Total		32

C.6.e.iii.(1)(g), ► Illicit Discharges

	Number
Number of illicit discharges, actual and potential, of sediment or other construction-related materials	2

¹ Agencies should list the specific enforcement actions as defined in their ERPs.² For example, Enforcement Level 1 may be Verbal Warning.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.6 – Construction Site Controls****C.6.e.iii.(1)(h) ► Corrective Actions**

Indicate your reporting methodology below.

X

Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.

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.1.h)

28

Comments:

Valley Water completed a total of 187 inspections throughout Santa Clara County during FY 23-24. Of these, 153 inspections were within the jurisdiction of the SFBWQCB. Stormwater non-compliance issues identified during inspections were communicated to contractors by 35 verbal warnings (30 within SFBWQCB) and two (2) written warnings within SFBWQCB. Of the total of thirty-seven (37) identified non-compliance issues, thirty-three (33) (28 within SFBWQCB) were corrected in a timely manner within 10 business days, one (1) non-compliance issue was corrected within 10 to 30 days (within SFBWQCB), and three (3) non-compliance issue were corrected in over 30 days (within SFBWQCB) at the following project sites: FOCF Coyote Percolation Dam Project (< 1 acre disturbance site, 1 non-compliance issue), Anderson Dam Tunneling Project (5 non-compliance issues), Rinconada Water Treatment Plant (RWTP) Residuals Remediation Project (7 non-compliance issues), Cross Valley Pipeline Project (2 non-compliance issues), RWTP Reliability Improvement Project (6 non-compliance issues), Coyote Creek Flood Management Measure Project (10 non-compliance issue), Santa Clara Conduit Inspection/Rehabilitation Project Phase 1 (1 non-compliance issue), and Santa Clara Conduit Inspection/Rehabilitation Project Phase 2 (4 non-compliance issues) (note the Santa Clara Conduit Inspection/Rehabilitation Phase 1 and 2 projects are within the CCRWQCB jurisdiction and identified issues were resolved within 10 business days).

Explanation for Enforcement Action(s) Not Resolved within 10 Business Days:(A) Anderson Dam Tunneling Project:

Monthly Environmental Compliance Inspection Report (MECIR) dated July 26, 2023, Verbal Warning (1): Sediment Control: Remove spilled cement-laden water from behind BMPs; replace silt fence and straw wattle; Contractor was notified on July 26, 2023 by the Non VW Inspector about the BMP deficiency.

Comments/Rationale for Longer Compliance Time: Per the Non-VW Construction Management Firm's Inspector, the PVC pipe break was repaired, the spilled material was shoveled out and removed, and the affected silt fence and straw wattles were replaced to restore the water filtering capacity. These complex actions were completed as estimated in 12 business days. No further restoration actions were deemed necessary.

(B) Rinconada Water Treatment Plant (RWTP) Residuals Remediation Project:

MECIRs dated April 29, 2024, and May 29, 2024 Verbal Warnings (1): Good Site Management (Hazardous Waste Management - Polymer Spill Cleanup): Hazardous waste was disposed during reporting period. During the month of April 2024, while working on equipment, there were

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.6 – Construction Site Controls

numerous small spills that were contained in the secondary containment area within Building B. On April 12, 2024, the polymer was cleaned. On 5/20/24 VW Operations spilled polymer while filling Neat Polymer Tank inside Building B.

Comments/Rationale for Longer Compliance Time: VW Health and Safety assisted to facilitate the clean up and off haul of approx. 50 +/- gal of polymer material. The material was contained in a secondary containment area. The BMP Deficiency in May 2024 involving complex cleanup and disposal of spilled polymer took over 30 days for implementing corrective action.

(C) Cross Valley Pipeline Extension Project:

MECIR dated November 29, 2023, Verbal Warning: (1) Sediment Control: Contractor was given a verbal warning regarding Pre and Post Storm Event Inspection reports on 11-28-2023. The pre & post reports were simply not generated/submitted in a timely manner by the contractor.

Comments/Rationale for Longer Compliance Time: Noted BMP deficiency of November 2023 was not fixed within 10 business days, it was fixed on 12-29-2023 in 31 days. No other reportable non-storm water or storm water compliance issues or violations. Rationale for the delay by contractor: it was a time when the contractor was not being very responsive, as most field work was complete and contractor was off-site.

(D) Coyote Creek Flood Management Measure:

MEICIR dated December 8, 2023, Written Warning: (1) Illicit Discharge: Inspector observed quarry fines breaching final layer of sediment controls (silt fence/fiber roll).

Comments/Rationale for Longer Compliance Time: All quarry fines were removed within 30 days from creek side of last sediment control BMP. Contractor's QSP/QSD were contacted to determine a plan for establishing erosion control on slopes with quarry fines. After meeting with QSP/QSD, the SWPPP was amended in SMARTS and a series of BMPs including silt fence, fiber roll, plastic sheeting, and gravel bags were installed. Which took over 30 days to complete.

Proposed Improvements:

Continue diligent enforcement of the VW's Enforcement Response Plan (ERP). Remind contractors during weekly site construction meetings to ensure that all BMP related materials and personnel are available to implement any BMP corrective actions in a timely manner before the next rain event and no longer than 10 business days after issuance of warnings to contractors on deficiencies or BMP failures.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.6 – Construction Site Controls**

C.6.f.iii ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	Total Number of C.6 inspectors (both municipal and non-municipal staff)	No. of C.6 inspectors in Attendance (both municipal and non-municipal staff)
In-House Construction Site Stormwater Inspector Training Workshop by Locus - Keish	July 24, 2023	<p>The agenda included the following topics that focused on how preventing stormwater pollution from construction sites protects Santa Clara County creeks and the Bay, as follows:</p> <p>(1) Overview of Stormwater Regulations (2) MRP CGP and Local Stormwater Requirements (3) New PCB Requirements for Building Materials/Wastes (4) BMPs and Inspections (5) District's Enforcement Response Plan (6) Identification of Compliance Violations - Enforcement Actions -Follow up Inspections (7) Significance of the Monthly Environmental Compliance Inspection Reports (MECIRs)</p>	24	24
SCVURPPP Construction Inspector Training Workshop	November 29, 2023	Permit requirements (MRP and CGP), overview of construction site fact sheets and BMPs, and field sessions on slope protection, inlet protection and check dams, and stabilized construction exits	10	10
Stream Maintenance Program Construction BMP Training	June 11, 2024	Permit requirements, best management practices for construction (e.g., erosion and sediment control, good site management, non-stormwater management, vegetation management, post-project restoration BMPs), and enforcement response/illicit discharge reporting, large woody debris removal	2	2

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.6 – Construction Site Controls

Comments:

Valley Water (VW) Construction Inspectors regularly attend the SCVURPPP facilitated Storm Water trainings in the past. Since there were no SCVURPPP facilitated trainings in FY 23, an in-house workshop was scheduled and facilitated by a VW consultant on July 24, 2023, the earliest feasible scheduled date convenient for staff to meet. The Training was attended by the Construction Management Services Unit staff (Engineers), and Construction Inspection Services Unit (Inspectors) who inspect District's active capital project construction sites to ensure compliance with stormwater requirements in the Municipal Regional Permit (MRP) Provision C.6.

Valley Water staff from the Construction Management Services (CMSU) and Construction Inspection Services Units (CISU) who were unable to attend the in-house training in July attended the SCVURPPP Construction Inspector workshop in November. The Workshop was attended by staff who perform or oversee contractors who perform C.6 inspections, including those in the CMSU, CISU, Community Project Review Unit, Watersheds Operations and Maintenance, and Environmental Planning Unit.

Valley Water's Stream Maintenance Program (SMP) authorizes routine work needed to preserve flood conveyance capacity. Program elements are designed to avoid, minimize or mitigate potential impacts in balance with the need to conduct work in streams to carry out Valley Water's mission. While this work is not a part of a traditional construction site, the SMP incorporates MRP regulations into the regulator approved BMPs as detailed in the SMP Manual, Attachment A: https://s3.us-west-2.amazonaws.com/assets.valleywater.org/R14290%20SMP%20%E2%80%93%20COMBINED%20%2803-05-20%29_0.pdf. The SMP requires an annual Construction BMP Training to Valley Water construction crews and contractors to comply with SMP permit requirements before annual work begins in the summer. The training covers permit requirements, best management practices for construction (e.g., erosion and sediment control, good site management, non-stormwater management, vegetation management, post-project restoration BMPs), and enforcement response plan/illicit discharge reporting, cultural resource reporting, large woody debris removal, and species of concern within project area.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.7 – Public Information and Outreach

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

C.7.g.iii.(1) ► Reporting						
Submit a table listing the types of outreach programs implemented during that Permit year along with a brief description. The table should be a cumulative table showing the number, if applicable, of each type of outreach campaigns or events occurring during each Permit year.						
Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
C.7.a. Outreach Campaigns	Refer to the C.7 Public Information and Outreach section of the Program FY 23-24 Annual Report for details of outreach activities conducted Countywide by the Program.	Ongoing	Ongoing			
	The Program provided funding to the City of San Jose to conduct the anti-litter/volunteering for cleanups campaigns with the San Jose Sharks and the San Jose Earthquakes.	Two campaigns	One campaign			
	In addition to the Countywide efforts above, Valley Water serves a community of nearly 1.9 million with excellent outreach programs to many sectors. Key elements include: <ul style="list-style-type: none"> • A popular Water Resources Education Outreach Program • A Youth Commission • A growing Adopt-A-Creek Program and creek cleanup events supporting citizen participation • Attendance at community events targeting the general public 	Ongoing	Ongoing			

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.7 – Public Information and Outreach

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	<ul style="list-style-type: none"> 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 A Spring and Summer Conservation outreach campaign, "Bring Your Yard to Life!", uses paid digital and social media advertisements to promote adopting water-efficient landscapes and participating in the Landscape Rebate Program that incentivizes rain gardens, rain barrels, and cisterns, Graywater Rebate Program, and Water Wise Outdoor Survey Program <p>Valley Water uses several methods to conduct outreach, including newspaper, social media (e.g., Facebook, Instagram, and Nextdoor), website, blogs, in-class and virtual presentations, STEAM after school programs, 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.</p> <p>Additionally, Valley Water's website continues to provide updates to the</p>					

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.7 – Public Information and Outreach**

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	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.					
C.7.c. Public Outreach and Citizen Involvement Events	The Watershed Watch booth was present at various community events. The booth included informational materials as well as a game for kids.	Five community outreach events	Four community outreach events.			
	<p>The Program provided funding to Valley Water to support advertising for the 2023 Coastal Cleanup Day and the 2024 National River Cleanup Day.</p> <p>Valley Water provides significant support for several citizen involvement events. The Santa Clara County cleanup efforts for National River Cleanup Day and Coastal Cleanup Day are coordinated by the Creek Connections Action Group (CCAG). As the Chair of the CCAG, Valley Water provides meeting support, graphic services, cleanup supplies, and site-coordinator training. On the day of the events, Valley Water provides phone staffing, logistical</p>	Cleanup events held at 83 sites county-wide	Cleanup events held at 95 sites county-wide			

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District
C.7 – Public Information and Outreach

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	support, and reports results to the California Coastal Commission during Coastal Cleanup Day and American Rivers for National River Cleanup Day. After these events, Valley Water creates and distributes outreach materials highlighting the cleanup effort.					
	Valley Water coordinates a year-round Adopt-A-Creek Program that assists community members with creek access permits, provides resources on best practices for creek cleanups, offers cleanup supplies, and organizes trash collection services following citizen-led creek cleanups.	72 Adopt-A-Creek Cleanups	73 Adopt-A-Creek Cleanups			
	The Program funded the Watershed Watchers Program at the Don Edwards San Francisco Bay Wildlife Refuge which included citizen involvement and stewardship activities/events.	11 citizen involvement and stewardship programs	12 citizen involvement and stewardship activities/events			
	Valley Water's Education Outreach Program (EO) engaged with students, educators, and public youth through virtual and in-person classroom lessons, school assemblies, field trips and tours, and summer programs. Programs are designed to teach students about water conservation, flood preparedness, and environmental stewardship. Education Outreach also collaborated with local environmental education agencies and youth-serving organizations to increase the number of students exposed to water education. EO provides a hard copy of "You Are the Solution to Water Pollution" brochure to all educators who receive programming. Valley Water also administers a grant program which includes citizen involvement pollution prevention and	<ul style="list-style-type: none"> • 337 Water Education Programs • Four STEAM programs • Four educator workshops 	<ul style="list-style-type: none"> • 440 Water Education Programs • Six STEAM programs • Two educator workshops • Eight field trips and tours • Three public library programs • Nine public tabling events 			

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.7 – Public Information and Outreach**

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	education grants (Project F9 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/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive .					
C.7.d. Watershed Stewardship Collaboration	The Program actively supported the Santa Clara Basin Watershed Management Initiative by participating in the Land Use Subgroup (LUS) and the Santa Clara Valley Zero Litter Initiative (ZLI).	<ul style="list-style-type: none"> • Two LUS meetings • One workshop titled "Riparian Corridors Setbacks: Challenges and Benefits" Nine ZLI meetings	<ul style="list-style-type: none"> • One LUS meeting • Eight ZLI meetings 			
C.7.e. School-Age Children Outreach	The Program provided funding to the musical group, ZunZun, to conduct educational assemblies at elementary schools.	51 ZunZun assemblies conducted at 23 elementary schools and two community events	50 ZunZun assemblies conducted at 25 elementary schools			
	The Program funded the Watershed Watchers Program at the Don Edwards San Francisco Bay Wildlife Refuge which included interpretive events for school-age children.	Approximately 50 interpretive events	Approximately 50 interpretive events			

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.7 – Public Information and Outreach**

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	The Program conducted the Earth Day Poster Challenge for grades K-8 children.	One contest	One contest			
	<p>The Valley Water Education Outreach Program (EO) serves school-aged children through virtual and in-person classroom lessons, school assemblies, field trips and tours, and summer programs. EO programming integrates messages and priorities of other Valley Water program areas. Programs are designed to teach students in grades TK-12 about water conservation, flood preparedness, and environmental stewardship.</p> <p>Valley Water's Youth Commission, a 21-member board advisory committee, with three members representing each of Valley Water's seven districts, met every quarter during FY24. 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</p>	349 school-age children outreach programs; including in-person programs (259) virtual programs (28), school assemblies (14), library programs (12), onsite tours (10), and summer camp programming (26)	<ul style="list-style-type: none"> • 440 classroom lessons • 9,813 students visited • 17 summer programs for students • 3 school assemblies • 8 field trips and tours 			

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.7 – Public Information and Outreach**

Type of Outreach Program Implemented	Brief Description of Current Year Campaigns	Number of outreach campaigns or events occurring during each Permit Year, if applicable				
		FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
	<p>Valley Water cleanup efforts such as National River Cleanup Day, Coastal Cleanup Day and the Adopt-A-Creek program.</p> <p>Please visit the Learning Center for a more information about Education Outreach Programs and Events. – https://www.valleywater.org/learning-center/water-education-programs-and-events</p>					
C.7.f. Outreach to Municipal Officials	Program staff developed the following materials in FY 22-23 to inform municipal officials about MRP 3.0. These are available on the SCVURPPP website. No new materials were developed in FY 23-24.	N/A	N/A			
	<p>Valley Water conducts regular outreach to elected officials through quarterly website updates to the Interagency Urban Runoff Program webpage at Valleywater.org and publication 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/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-archive.</p> <p>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.</p>	N/A	N/A			

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.7 – Public Information and Outreach

C.7.g.iii.(2) ► Stormwater Pollution Prevention Education

No Change.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.8 – Water Quality Monitoring****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 through the Santa Clara Valley Urban Runoff Pollution Prevention Program (Program). However, Valley Water staff participates directly in the Program's Monitoring and Pollutants of Concern Ad Hoc Task Group and monitoring projects, reviewing plans and reports; facilitating access to monitoring locations; and auditing field monitoring efforts. Staff also participates directly in the Bay Area Municipal Stormwater Collaborative (BAMSC) Monitoring and Pollutants of Concern Committee, and some activities of the RMPs 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 *Urban Creeks Monitoring Report – Water Year 2023; March 31, 2024*, available online at <https://scvurppp.org/2024/04/08/urban-creeks-monitoring-report-water-year-2023/>.

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 and the RWQCB to implement and complete the second 5-year phase of the Coordinated Monitoring Program for the Guadalupe River Watershed Mercury TMDL project. Valley Water partners with Santa Clara County, Midpeninsula Regional Open Space District, and Guadalupe Rubbish Disposal Company on the TMDL project. For more information on the TMDL project, visit [tinyurl.com/GuadalupeMercuryTMDL](https://www.tinyurl.com/GuadalupeMercuryTMDL). Stream fish monitoring was delayed in 2021 and 2022 due to dry conditions or water temperatures exceeding permit thresholds but resumed in June 2023 after January storms provided adequate flows and lower water temperatures. Two of the several large storms in January 2023 were sampled for mercury and methylmercury in water according to the Monitoring Plan. A final Coordinated Monitoring Program Report was approved by the RWQCB and submitted in FY24.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.9 – Pesticides Toxicity Controls****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?

☒

Yes

☐ No

If no, explain:

Links to IPM policies or ordinances and IPM standard operating procedures:

Updated link - tinyurl.com/VWIntegratedPestMgmt

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and **suggest reasons for increases in use of pesticides that threaten water quality**, 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 of Active Ingredient				
	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Organophosphates	0	0			
Active Ingredient Chlorpyrifos					
Active Ingredient Diazinon					
Active Ingredient Malathion					
Pyrethroids (see footnote #2 for list of active ingredients)	0	0			
Active Ingredient Type X					
Active Ingredient Type Y					
Carbamates	0	0			
Active Ingredient Carbaryl					

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

² Weight 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, lambda-cyhalothrin, and permethrin.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.9 – Pesticides Toxicity Controls**

Active Ingredient Aldicarb					
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount				
	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
Indoxacarb	0	0			
Diuron	0	0			
Diamides	0	0			
Active Ingredient Chlorantraniliprole					
Active Ingredient Cyantraniliprole					
Neonicotinoids	0	0			
Active Ingredient Imidacloprid					
Active Ingredient Acetamiprid					
Active Ingredient Dinotefuran					
Fipronil	0	0			
Reasons for increases in use of pesticides that threaten water quality: N/A					
IPM Tactics and Strategies Used: 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: <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. Where use is needed, the product with the lowest toxicity is used in accordance with the manufacturer's label. • 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. • Used nest boxes to recruit barn owls as a biological control for burrowing rodents, rather than using rodenticides, along Valley Water levees, creek banks, and mitigation sites. 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, not on the approved list, are allowed in or around the workplace. Additionally, continuing education (CE) is required for employees to maintain certification for pesticide application.					

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.9 – Pesticides Toxicity Controls****C.9.b ► Train Municipal Employees**

Enter the number of employees that apply or use pesticides (including herbicides) within the scope of their duties.	30
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	30
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/Comments: Label trainings held on October 5, 2023, and April 18, 2024, provided to all Vegetation Field Operations staff who apply pesticides. Additionally, one staff attended the SCVURPPP Landscape IPM Workshop held on April 25, 2024.	

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 ensures contractor compliance with Integrated Pest Management (IPM) practices through a multi-step approach. Hired landscaping and pest control contractors receive a copy of Valley Water's IPM policy and a verbal reminder to use these methods during on-site supervision by Vegetation Field Operations Unit staff. Contractors can only apply pesticides from the approved list, and their job reports are reviewed to verify adherence to IPM practices. Additionally, contractors are required to notify Valley Water of any proposed changes to their application or eradication methods.				
If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation here. N/A				

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.9 – Pesticides Toxicity Controls

C.9.d ► Interface with County Agricultural Commissioners

How 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?

See Section 9 of the Program's FY 23-24 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.

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?

Yes

No

X

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.

N/A

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.

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 23-24 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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 23-24 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 FY 23-24 Watershed Watch Campaign Final Report included within Section 7 of the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.9 – Pesticides Toxicity Controls

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 23-24 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 23-24, Valley Water participated in regulatory processes related to pesticides through contributions to the countywide Program and CASQA. For additional information, see the Pesticide Annual Report prepared by CASQA in the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.10 – Trash Load Reduction****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-v and C.10.f.i-ii. Provide a discussion of the calculation used to produce the reduction percentage	
Trash Load Reductions	
Percent Reduction in All Trash Management Areas (TMAs) due to Full Trash Capture Systems (as reported C.10.b.i) ¹	N/A
Percent Reduction in all TMAs due to Control Measures Other than Full Trash Capture Systems (as reported in C.10.a.ii(b) & C.10.b.iii) ^{1,2}	N/A
Subtotal for Above Actions	N/A
Trash Reduction Credits and Offsets (Optional)	
Reduction Credits due to Jurisdiction-wide Source Control Actions (as reported in C.10.b.v) ³	N/A
Reduction Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.f.i)	N/A
Reduction Offset Associated with Direct Trash Discharge Controls (as reported in C.10.f.ii)	N/A
Total (Jurisdiction-wide) % Trash Load Reduction through FY 2023-24	N/A
Discussion of Permittee Trash Load Reduction and the Load Reduction Calculation:	
Percent trash reduction requirements are not applicable to Valley Water per the MRP.	

¹ See Appendix 10-1 for changes between 2009 and FY 23-24 in trash generation by TMA as a result of Full Capture Systems and Other Trash Control Measures.

² This percentage includes reductions associated with other trash controls implemented to address moderate, high or very high trash generating areas in the public right-of-way and on applicable private lands.

³ To claim a load percentage reduction value, Permittees must provide substantive and credible evidence that new source control actions are being implemented jurisdiction-wide and reduce trash by the claimed value. Permittees may no longer claim source control actions implemented under previous Permits (i.e., foam foodware and single-use plastic bags).

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.10 – Trash Load Reduction****C.10.a.ii(a) ► Full Trash Capture Systems – Population-based Permittees****C.10.c ► Full Trash Capture Systems – Flood Management Agencies**

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed during FY 23-24, and prior to FY 23-24, 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 flood management agencies compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 23-24		
None	N/A	N/A
Installed Prior to FY 23-24		
Trash Booms (Adobe Creek, Matadero Creek, Lower Silver Creek, Thompson Creek)	4	N/A
Total for all Devices or Systems Installed To-date	4	N/A
Total # of Systems Required by Permit (Flood Management Agencies)		4

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

C.10.a.ii(b) ► Trash Generation Area Management - Private Lands
Provide a summary of implementation actions and progress towards meeting the July 1, 2025 requirement for all private lands that are moderate, high, or very high trash generating, and that drain to storm drain inlets that Permittees do not own or operate (private), but that are plumbed to Permittees' storm drain systems. Include descriptions of any trash control measures implemented, or caused to be implemented, by your agency, including full trash capture systems and/or trash discharge control actions equivalent to or better than full trash capture systems. For trash discharge control actions equivalent to or better than full trash capture systems that were implemented on private lands, summarize the methods used to demonstrate that trash discharges are controlled and the extent to which these methods were implemented in FY 23-24.
Summary of Implementation Actions and Trash Load Reduction Progress: N/A

C.10.a.ii(b) ► Trash Generation Area Management – Trash Generation Area Map						
<i>(For FY 23-24 Annual Report only)</i> Does your FY 23-24 Annual Report include a Revised Trash Generation Area Map that includes trash management areas, as well as private land drainage areas that will be retrofitted with full trash capture devices, or equivalent, by June 30, 2025?	<input type="checkbox"/>	Yes. See link below	<input type="checkbox"/>	No	<input checked="" type="checkbox"/> X	<input type="checkbox"/> N/A
Link to Revised Trash Generation Area Map:						

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.10 – Trash Load Reduction****C.10.b.i and ii ► Trash Reduction - Full Capture Systems**

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 23-24 attributable to 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 23-24 that exhibited significant plugged/blinded screens or were $\geq 50\%$ full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or $\geq 50\%$ full in FY 23-24	Summary of Maintenance Issues and Corrective Actions
N/A	N/A	N/A	N/A	N/A
Total				

Certification Statement:

Trash reduction specifics are not applicable to Valley Water other than the installation of four (4) trash booms in Santa Clara County, as required in Provision C.10.c.

During FY 23-24, the following amounts of trash were removed from each trash boom:

Adobe Creek: 0.07 cubic yards (15 gallons) on 9/23/2023, 0.62 cubic yards (75 gallons) on 3/23/2024, 0.15 cubic yards (30 gallons) on 4/18/2024

Matadero Creek: 0.84 cubic yards (120 gallons) on 3/23/2024, 0.11 cubic yards (23 gallons) on 5/18/2024

Lower Silver Creek: 10 cubic yards on 12/6/2023

Thompson Creek: 8 cubic yards on 9/28/2023

Did your agency provide the names and locations of new and existing full trash capture systems to the County vector control agency for FY 23-24?

	Yes		No	X	N/A
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FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

C.10.b.iii(a) ► Trash Reduction – Other Trash Management Actions

C.10.c ► Requirements for Flood Control Agencies

Provide a summary of trash control actions other than full capture systems, jurisdictional source controls, and trash control actions on private lands that were implemented within each TMA in FY 23-24, including the types of actions, levels, timing, frequency, and areal extent of implementation, whether actions are new, including initiation date, and information relevant to effective implementation of the action or combination of actions.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
Guadalupe Watershed	<p>When public recreational paths, trails, or trailheads are established on Valley Water property, Valley Water enters into Joint Trail Agreements and Collaboration Action Plans (JTA/CAP) with the city that has local jurisdiction. Through these agreements, the cities assume responsibility for managing litter cans and controlling recreation-generated litter, while Valley Water addresses flow or encampment-related accumulations of trash and debris through priority projects described below.</p> <p>While Valley Water does not operate and maintain an MS4, trash control actions (i.e., trash collection and removal) are conducted within Valley Water properties annually under the Safe Clean Water and Natural Flood Protection (Safe Clean Water), Good Neighbor Program Priority Projects F5 (Encampment Cleanups) and F6 (Graffiti and Litter Removal). Both projects have been implemented since Safe Clean Water was created in 2012. Priority F5 has a key performance indicator (KPI) to manage 300 acres annually to clean up trash, debris, and hazardous pollutants generated from encampments and to reduce the amount of these pollutants entering streams. Priority F6 includes a KPI to cleanup identified trash and graffiti hotspots at approximately 80 sites four times per year and respond to requests on litter or graffiti cleanup within five (5) working days. These KPIs were met or exceeded in FY23. The final SCW report will be published in October 2024. Additionally, Valley Water provides grants under Safe Clean Water Priority F9 to support volunteer cleanups and education or partnership efforts; and is the Chair of the Creek Connections Action Group (CCAG), which provides significant support for National River Cleanup Day and Coastal Cleanup Day.</p> <p>In FY23 Safe Clean Water Priority Projects F5 and F6 removed 4,388 CY of trash from Guadalupe River Watershed. Preliminary data for FY24 Safe Clean Water Priority Projects shows 8,225 CY of trash. Final FY24 totals will be shared in FY25 report.</p>
Coyote Watershed	<p>See summary above.</p> <p>In FY23 Safe Clean Water Priority Projects F5 and F6 removed 5,138 CY of trash from Coyote Creek Watershed. Preliminary data for FY24 Safe Clean Water Priority Projects shows 4,822 CY of trash removed from Coyote Creek Watershed. Final FY24 totals will be shared in FY25 report.</p>
Lower Peninsula/West Valley Watershed	<p>See summary above.</p>

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

	In FY23 Safe Clean Water Priority Projects F5 and F6 removed 1,388 CY of trash from Lower Peninsula/West Valley Watershed. Preliminary data for FY24 Safe Clean Water Priority Projects shows 1,543 CY of trash removed from Lower Peninsula/West Valley Watershed. Final FY24 totals will be shared in FY25 report.
Uvas-Llagas Watershed (outside of SFBRWQCB Region)	See summary above. In FY23 Safe Clean Water Priority Projects F5 and F6 removed 1,419 CY of trash from Uvas-Llagas Watershed. Preliminary data for FY24 Safe Clean Water Priority Projects shows 1,508 CY of trash removed from Uvas/Llagas Watershed. Final FY24 totals will be shared in FY25 report.

C.10.b.iii(b) ► Trash Reduction – Other Trash Management Actions

Provide the following:

- 1) A summary of the on-land visual assessments conducted in each TMA to demonstrate improvements in the levels of trash generation associated with the public right-of-way, including the street miles available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles assessed, the % of available street miles assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 23-24 attributable to trash management actions other than full capture systems that have been implemented to address trash generation associated with the public right-of-way in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

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

☒

Explanation: N/A

TMA ID or (as applicable) Control Measure Area	Total Street Miles ⁴ 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	
N/A	N/A	N/A	N/A	N/A	N/A
Total		N/A	N/A	N/A	N/A

⁴ Street miles are defined as the street length and do not include street median curbs.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.10 – Trash Load Reduction****C.10.b.v ► Trash Reduction – Source Controls**

Provide a description of each jurisdiction-wide trash source control action implemented to-date other than those addressed under previous Permits (i.e., foam foodware and single-use plastic bags). For each new 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
N/A	N/A	N/A	N/A	N/A

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

Did your agency previously submit an Updated Trash Load Reduction Plan to the Water Board in response to the June 30, 2023, 90% benchmark?

☐**Yes**☐**No**☒**X NA**

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014 or (if applicable) to your Updated Long-term Trash Load Reduction Plan submitted in 2023 in response to the 90% benchmark. Describe significant changes made to 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
N/A	N/A

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

C.10.f.i ► Trash Reduction Offsets –Creek and Shoreline Cleanups			
Provide a summary description of creek and shoreline cleanups conducted during FY 23-24 and the water quality benefit achieved. Include information that is sufficient to demonstrate sustained improvement of the creek or shoreline area, the volume of trash removed, and the offset claimed in FY 23-24. Provide the number and frequency of cleanups conducted, locations and cleanup dates.			
Offset Program	Summary Description of Cleanup Actions and the Benefit of Water Quality Achieved	Volume of Trash (CY) Removed/Controlled in FY 23-24	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	N/A	N/A	N/A

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.10 – Trash Load Reduction****C.10.f.ii ► Trash Reduction Offsets – Direct Trash Discharge Controls**

For those Permittees with a Direct (Trash) Discharge Control (offset) Program (DDCP) approved by the Water Board Executive Officer, provide a summary description of the trash controls implemented, the volume of trash removed via the DDCP, and the offset claimed in FY 23-24. Attach a report that includes the following:

- For Permittees whose DDCPs address significant discharges from **unsheltered homeless populations**, include a narrative description and quantitative information for the following for the current year and for each prior year of the permit term:
 - The estimated number of people experiencing unsheltered homelessness in their jurisdiction;
 - the estimated number of people experiencing unsheltered homelessness living within approximately 500 feet of receiving waters;
 - the estimated portion of those populations provided housing as described in Provision C.10.f.ii.b.(i);
 - the estimated portion of those populations served with the services described in Provision C.10.f.ii.b.(i);
 - the number and scope of sanitation controls and services provided to homeless encampments;
 - the number and scope of trash controls and services provided to homeless encampments; and
 - the number and scope of sanitary cleanouts and other services provided to RVs.
- For Permittees whose DDCPs address significant discharges from **illegal dumping sites**, include a narrative description and quantitative information for the following for the current year and for each prior year of the permit term:
 - The total number of active illegal dumping sites;
 - the number of active illegal dumping sites within approximately 500 feet of receiving waters;
 - the number of illegal dumping sites where trash was collected, and the amount of material collected;
 - dumping vouchers (or equivalent) provided (and who they are provided to);
 - dumping vouchers (or equivalent) used; and
 - outreach and education provided to the public regarding illegal dumping and the availability of dumping vouchers (or equivalent).
- For Permittees whose DDCPs address significant discharges from **both unsheltered homeless populations and illegal dumping sites**, include a narrative description and quantitative information for all of the elements listed above for the current year and for each prior year of the permit term.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 23-24	Offset (% Jurisdiction-wide Reduction)
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.10 – Trash Load Reduction

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 23-24.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 23-24 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 23-24 After Accounting for Full Capture Systems <u>and</u> Other Control Measures ⁵					Jurisdiction-wide Reduction via <u>Other Control Measures</u> (%) ⁶	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		
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Totals	Please note, N/A due to no TMAs																	

Note: "NA" indicates that the TMA has no moderate, high, or very high trash generating areas (i.e., all low trash generation and/or non-jurisdictional) and therefore no additional trash control measures are needed.

⁵ Acreage changes and percent reductions reported here include those associated with other trash controls implemented to address moderate, high or very high trash generating areas in the public right-of-way and on applicable private lands.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.11 – Mercury Controls

Section 11 – Provision C.11 Mercury Controls

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

Submit documentation confirming that all control measures effectuated during the previous Permit term for which load reduction credit was recognized continue to be implemented at an intensity sufficient to maintain the credited load reduction.

Summary:

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

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 SFBWQCB, 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 has installed hypolimnetic oxygenation systems (HOS) at Calero Reservoir, Stevens Creek Reservoir, Guadalupe Reservoir, and Almaden Reservoir to suppress hypolimnetic methylmercury production. Although effective for reducing hypolimnetic methylmercury, the systems increase the temperature of reservoir releases, and may also contribute to algae blooms, especially under drought or low water conditions. A HOS was deployed only at Calero Reservoir in Summer 2023 due to parts shortage for the HOS that would have been deployed at Almaden Reservoirs. HOS were deployed at Calero and Almaden Reservoirs in Summer 2024.

The Guadalupe River Watershed Mercury 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 four reservoirs. Valley Water has implemented treatment controls on schedule in all the above-mentioned water bodies. Hypolimnetic oxygenation has been effective for reducing hypolimnetic methyl mercury, but fish tissue concentrations remain high. For this reason and owing to the negative side-effects of hypolimnetic oxygenation using line diffusers, Valley Water has entered into cost sharing agreements with UC Merced, UC Davis, and UC Santa Cruz to explore alternative methods to reduce methylmercury in water and fish in collaboration with Regional Water Quality Control Board staff.

Valley Water also coordinated with project partners (County of Santa Clara, Midpeninsula Regional Open Space District, and Guadalupe Rubbish Disposal Company) and the RWQCB to complete implementation of the second 5-year phase of the Coordinated Monitoring Program for the Guadalupe River Watershed Mercury TMDL project. Valley Water manages a contract with Tetra Tech to monitor wet season mercury loading and

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.11 – Mercury Controls**

in stream fish monitoring. Tetra Tech completed mercury load monitoring in Guadalupe River at Highway 101 during two large storms in winter 2023 and fish monitoring in spring 2023.

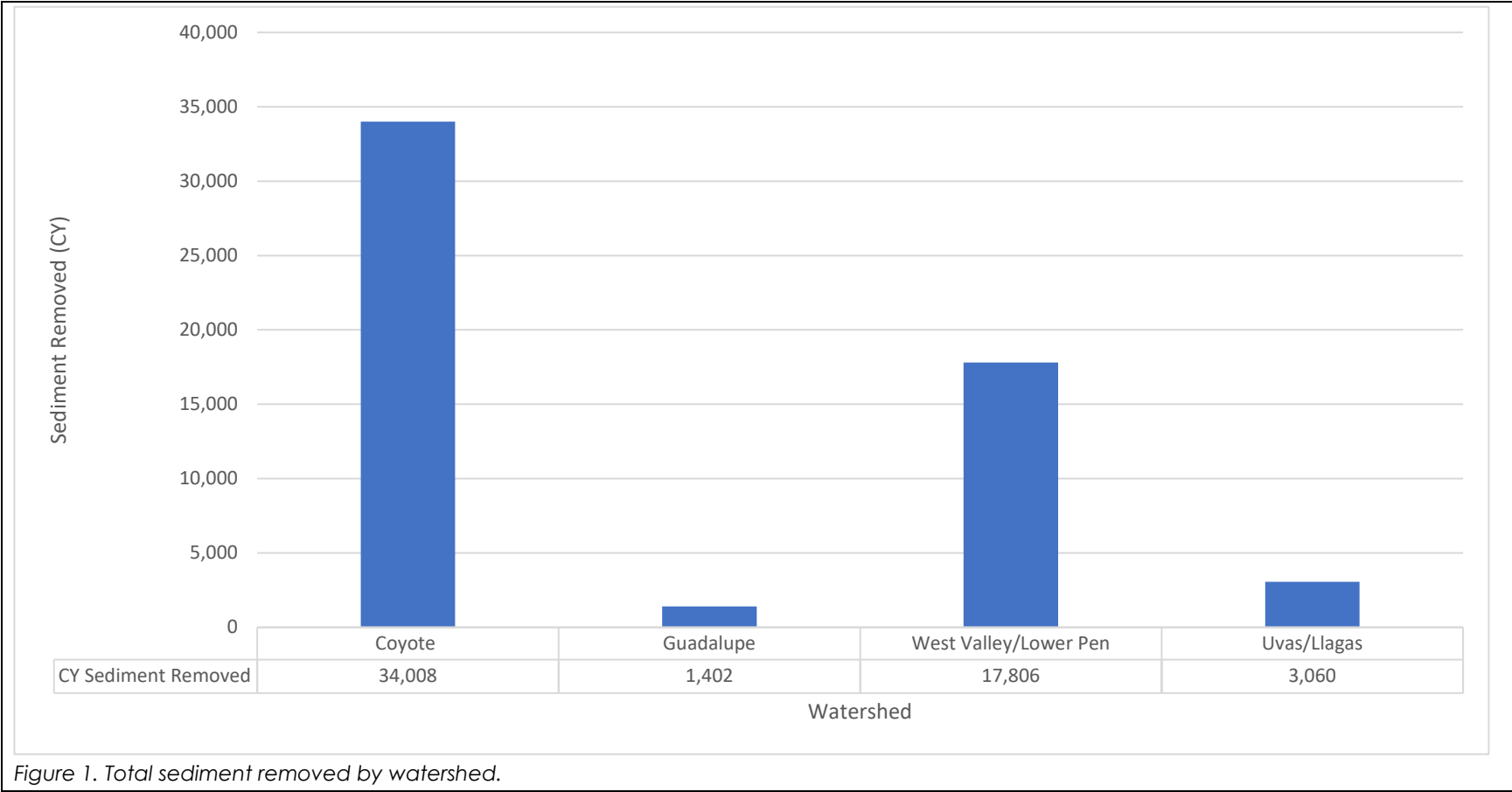
In April and May 2024, Valley Water completed reservoir fish monitoring at Almaden, Calero, Guadalupe, and Stevens Creek reservoirs. Fish tissue and water quality information are reported in biennial progress reports. For more information on this program and the biennial reports submitted to the SFBRWQCB 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 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 23-24 Valley Water removed 34,008 cubic yards (CY) of sediment from the Coyote Watershed, 1,402 CY from the Guadalupe Watershed, 17,806 CY from the West Valley/Lower Peninsula Watershed, and 3,060 CY from the Uvas/Llagas Watershed (Figure 1). Total mercury removed by watershed is shown in Figure 2. Using measured sediment mercury concentrations, this translates to a total of 8.9 kg of mercury removed from all watersheds flowing to San Francisco Bay (6.4 kg from Coyote Watershed, 0.9 kg from Guadalupe Watershed, and 1.6 kg from West Valley/ Lower Peninsula Watersheds). In FY 23-24, 0.2 kg of mercury was removed from the Uvas/Llagas watershed that flows to Monterey Bay.

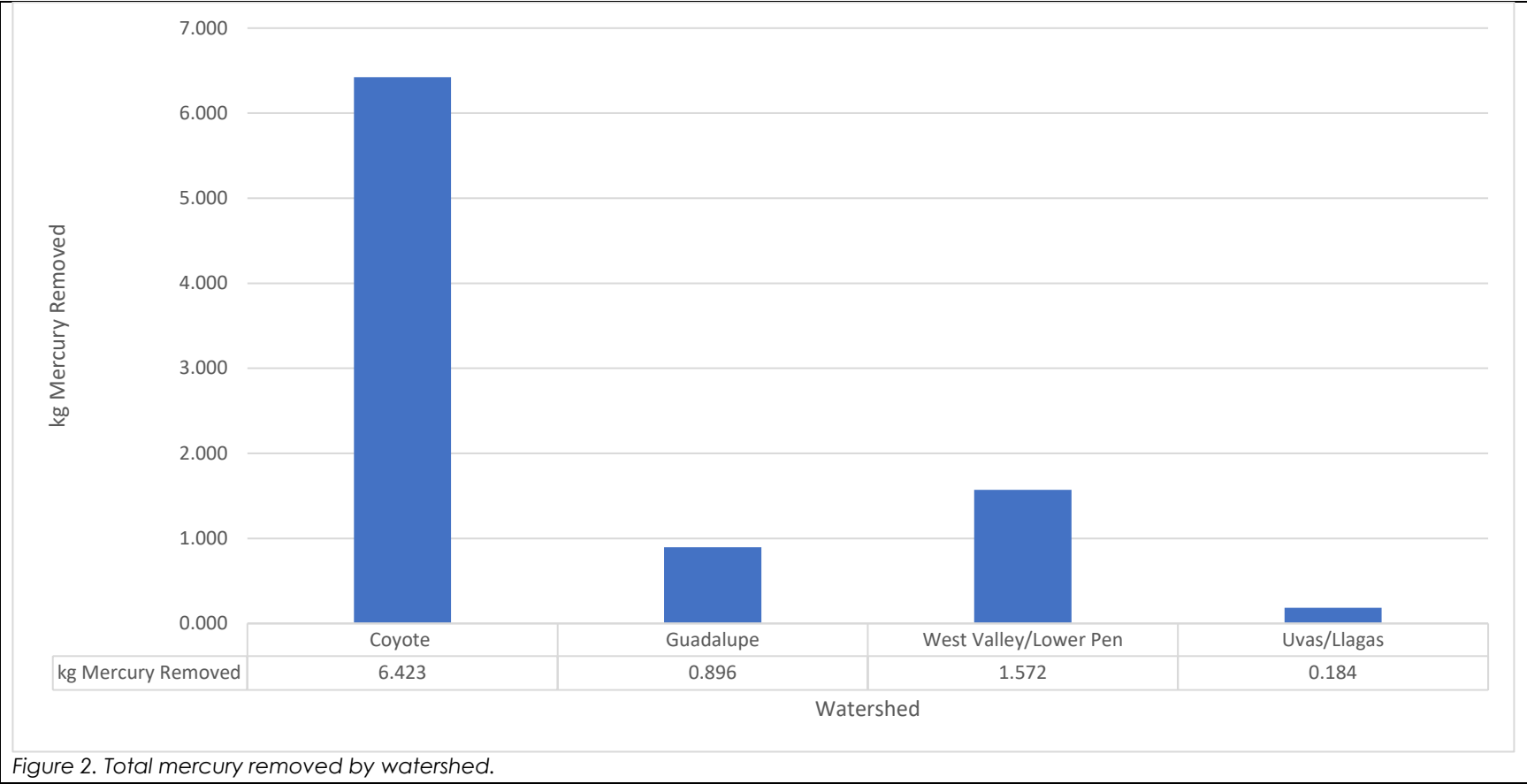
FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.11 – Mercury Controls



FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.11 – Mercury Controls



FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.11 – Mercury Controls

C.11.b.iii (1), (2) ► Program for Source Property Identification and Abatement

Report progress on the acreage of land areas investigated, including progress toward investigation of 100 percent of old industrial land uses. The reporting shall indicate what action was taken for the parcels investigated (e.g., abatement, referral, enforcement). Permittees shall submit all supporting data and information including referral reports.

Summary:

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

Report on ongoing O&M activities associated with all past contaminated property referrals. Prior to all new referrals, Permittees shall submit, for staff review and comment, a detailed description of the enhanced O&M plan for the referred properties.

Summary:

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

C.11.c.iii (2) ► Program for Control Measure Implementation in Old Industrial Areas

Submit an account of control measure and stormwater diversion implementation consistent with the plan submitted in March 2023 and any modifications thereto. Include maps of the areas treated, the acreage of catchments addressed, and a description of all control measures, installed treatment devices and routing facilities for each treated catchment.

Summary:

See the Countywide Program's Old Industrial Area Control Measure Update Report attached to the Program's FY 23-24 Annual Report.

C.11.d.iii (1) ► Mercury Collection and Recycling Implemented throughout the Region

Report on efforts to promote recycling of mercury-containing products and efforts to increase effectiveness of those recycling efforts. Report on the mass of mercury-containing material collected throughout the region along with an estimate of the mass of mercury contained in recycled material using the methodology contained in load reduction accounting system described and cited in the Fact Sheet.

Summary:

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.11 – Mercury Controls

C.11.h ► Implement a Risk Reduction Program

Report on the status of the risk reduction program, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish.
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, and why these people are deemed likely to consume Bay fish are included in the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.12 – PCBs Controls

Section 12 – Provision C.12 PCBs Controls

C.12.a.iii.(1) ► Assess PCBs Load Reductions from Stormwater

Submit documentation confirming that all control measures effectuated during the previous Permit term for which load reduction credit was recognized continue to be implemented at an intensity sufficient to maintain the credited load reduction.

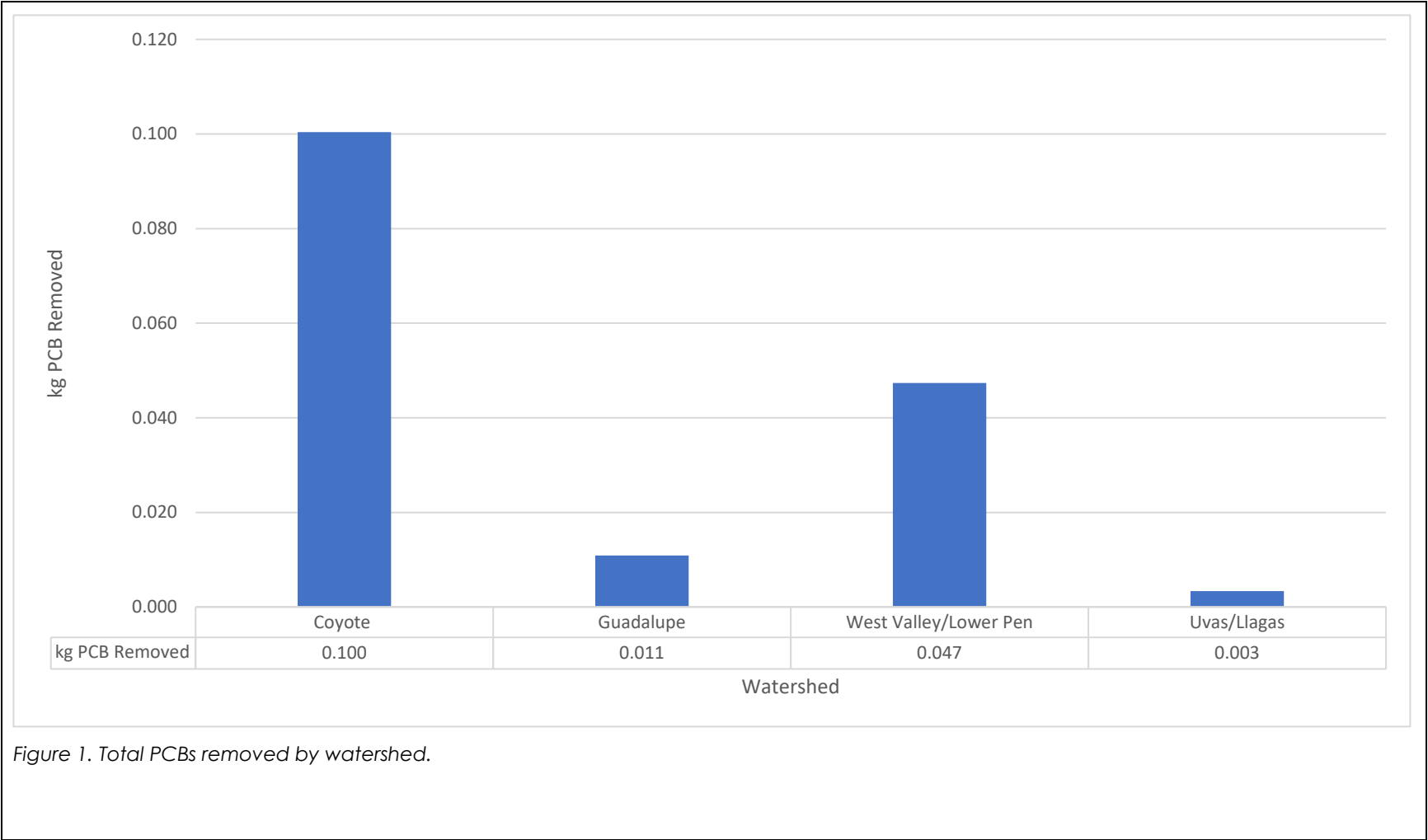
See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

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 PCBs, 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 PCBs from the watershed.

During FY 23-24 Valley Water removed 34,008 cubic yards (CY) of sediment from the Coyote Watershed, 1,402 CY from the Guadalupe Watershed, 17,806 CY from the West Valley/Lower Peninsula Watershed, and 3,060 CY from the Uvas/Llagas Watershed (Central Coast Region). Using measured sediment PCB concentrations, this translates to approximately 0.2 kg of PCBs removed from all watersheds draining to San Francisco Bay (0.1 kg from Coyote Watershed, 0.01 kg from Guadalupe Watershed, and 0.05 kg from the West Valley/Lower Peninsula Watershed). 0.003 kg of PCBs removed from Uvas/Llagas Watershed which drains to Monterey Bay. PCBs removed by watershed is shown in Figure 1.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

C.12 – PCBs Controls



FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.12 – PCBs Controls

C.12.b.iii.(1), (2) ► Program for Source Property Identification and Abatement

C.12.b.iii.(1). Report progress on the acreage of land areas investigated, including progress toward investigation of 100 percent of old industrial land uses. The reporting shall indicate what action was taken for the parcels investigated (e.g., abatement, referral, enforcement). Permittees shall submit all supporting data and information including referral reports.

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 23-24 Annual Report.

C.12.b.iii.(2). Report on ongoing O&M activities associated with all past contaminated property referrals. Prior to all new referrals, Permittees shall submit, for staff review and comment, a detailed description of the enhanced O&M plan for the referred properties.

Summary:

See the Program's Mercury and PCBs Control Measure Update Report attached to the Program's FY 23-24 Annual Report.

C.12.c.iii.(2) ► Program for Control Measure Implementation in Old Industrial Areas

Submit an account of control measures and stormwater diversion implementation consistent with the plan submitted in March 2023 and any modifications thereto. Include maps of the areas treated, the acreage of catchments addressed, and a description of all control measures, installed treatment devices and routing facilities for each treated catchment.

Summary:

See the Program's Old Industrial Area Control Measure Update Report attached to the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.12 – PCBs Controls

C.12.d.iii.(1), (3) ► Program for Controlling PCBs from Bridges and Overpasses

C.12.d.iii.(1). In the 2022 Annual Report or the Annual Report immediately following availability of the specification, include a description of the Caltrans specification for managing PCBs-containing materials in bridge or roadway expansion joints during roadway replacement or repair.

Summary:

See the Program's FY 23-24 Annual Report for a description of the Caltrans specification.

C.12.d.iii.(3). Submit documentation confirming the use of the Caltrans specification (once it is available) during all instances of bridge roadway replacement or repair in their jurisdiction during the reporting year and provide an estimate of the volume of material managed and total PCBs mass load reduced resulting from implementation of the specification.

Summary:

The Caltrans specification was not available to be implemented during FY 23-24.

C.12.e.iii.(3), (4) ► Program for Controlling PCBs from Electrical Utilities

Does your municipality own an electrical utility? If yes, follow the directions below.

Yes

X

No

C.12.e.iii.(3). Submit a summary of plans to maintain and upgrade OFEE for municipally owned electrical utilities.

Summary:

See the Program's FY 23-24 Annual Report for a summary of plans to maintain and upgrade OFEE for municipally owned electrical utilities.

C.12.e.iii.(4). Submit a summary of the actions undertaken during the FY 2023-24 that remove municipally owned PCBs-containing OFEE along with loads avoided and the details of the calculations and assumptions used to estimate the load reduced.

Summary:

See the Countywide Program's FY 23-24 Annual Report for a summary of maintenance programs and system upgrades that removed PCBs-containing OFEE from municipally owned electrical utilities and loads avoided.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.12 – PCBs Controls****C.12.g.iii.(1), (3), (4) ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities**

C.12.g.iii.(1). Did your agency obtain an exemption in FY 2022-23 from Provision C.12.g requirements? If Yes, skip the remainder of this C.12.g section.

Yes**N/A****No**

C.12.g.iii.(3)(a),(b),(c) and (d).

See the Program's FY 23-24 Annual Report for:

- (a) The number of applicable structures that applied for a demolition permit during the reporting year;
- (b) A running list of the applicable structures that applied for a demolition permit since July 1, 2019, the number of samples each structure collected, and the concentration of PCBs in each sample;
- (c) The project address, the demolition date, and a brief description of the PCBs-containing materials for each applicable structure with a PCBs concentration 50 mg/kg or greater; and
- (d) The address, date building was constructed, and date of demolition for each structure that was constructed or remodeled between the years 1950 and 1980 and requires emergency demolition to protect public health and/or safety.

Not Applicable to Valley Water. See the PCBs Controls section of the Program's FY 23-24 Annual Report.

C.12.g.iii.(3)(c) and (4). For active demolition sites in FY 2023-24 with structures with PCBs concentrations ≥ 50 ppm, list the project address and demolition date, describe the PCBs-containing materials, state whether the site was inspected during demolition, and provide the hazardous waste manifest prepared for transportation of material to a disposal facility for those cases where notification and advance approval from U.S. EPA is not required and were approved for demolition after June 30, 2023.

Not applicable to Valley Water.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.12 – PCBs Controls

C.12.g.iii.(4) ► Demolition Sites with PCBs Concentrations \geq 50 ppm

Site Address	Demolition date	Brief description of the PCBs-containing materials	Was this site inspected during demolition? (Yes/No)	If this site was approved for demolition after June 30, 2023 and did not require notification to and advanced approval from EPA, attach the hazardous waste manifest and indicate it is attached.
N/A	N/A	N/A	N/A	N/A
Comments: N/A				

C.12.j.iii. ► Implement a Risk Reduction Program

Report on the status of the risk reduction program, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish.

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, and why these people are deemed likely to consume Bay fish are included in the Program's FY 23-24 Annual Report.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.13 – Copper Controls****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.

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.

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 Valley Water is not the local industrial site permitting agency.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.14 – Bacteria Control for Impaired Water Bodies

Section 14 – Provision C.14 Bacteria Control for Impaired Water Bodies

C.14.a.i. Municipal Operations Bacteria Control

Describe the BMPs, frequency and location for actions taken to reduce bacteria sources related to municipal operations.

Not applicable to Valley Water.

C.14.a. ii. Industrial/Commercial Site Bacteria Control and Illicit Discharge Detection and Elimination

Describe the BMPs, frequency, and location for actions taken to reduce bacteria sources related to Industrial and Commercial Site Bacteria Control and Illicit Discharge Detection and Elimination.

Not applicable to Valley Water.

C.14.a.iii. ► Control of Bacteria Sources Related to Unsheltered Homeless Populations

Describe the BMPs, numbers or frequency (as applicable), and locations of actions taken to reduce bacteria discharges from areas inhabited by unsheltered persons

Not applicable to Valley Water.

C.14.a. iv. Pet and Livestock Bacteria Source Control

Describe the BMPs, numbers or frequency (as applicable), and locations of actions taken to reduce bacteria from domestic animal sources.

Not applicable to Valley Water.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.14 – Bacteria Control for Impaired Water Bodies****C.14.a. v. Public Outreach on Bacteria Source Control**

Describe the outreach messages, methods of delivery, audiences, and number of repetitions.

Not applicable to Valley Water.

C.14.a.vi. ► Coordination with Sanitary Sewerage System Entities

Describe the status of any actions taken to coordinate with sanitary sewer entities.

Not applicable to Valley Water.

C.14.a.vii. ► Prioritize Trash Removal to Control Bacteria Sources

Describe how the bacteria-reduction benefit of focused trash-control efforts was evaluated, the conclusions reached, and any actions taken during the reporting period to reprioritize trash control areas.

Not applicable to Valley Water.

C.14.a.viii. ► Water Quality Monitoring

Submit the results of all monitoring conducted the previous year, including parameters analyzed, frequencies, and locations, and planned monitoring for the current year, including parameters, frequencies, and locations.

Not applicable to Valley Water.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.14 – Bacteria Control for Impaired Water Bodies

C.14.c.i.(3) ► Control Measures to Achieve Indicator Bacteria Wasteload Allocations

Summarize the actions taken to satisfy the requirements in Provision C.14.c.i.(2) during October 1, 2023 through September 30, 2024 period. This report shall include:

- The number, type, and locations and/or frequency (if applicable) of control measures;
- The description and scope of pollution prevention measures; and
- A data table and graphs showing Enterococcus data collected during the reporting year for the two San Mateo Lagoon beaches, Parkside Aquatic Park Beach and Lakeshore Park Beach.

Not applicable to Valley Water.

C.14.c.ii.(3) ► Phase II Measures

Summarize the actions taken to satisfy the requirements in Provision C.14.c.ii.(2) during the foregoing October 1 through September 30 period. This report shall include:

- (a) The number, type, and locations and/or frequency (if applicable) of control measures;
- (b) The description and scope of pollution prevention measures; and
- (c) A data table and graphs showing enterococcus data collected during the reporting year for the two San Mateo Lagoon beaches, Parkside Aquatic Park Beach and Lakeshore Park Beach.

Not applicable to Valley Water.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.15 – Exempted and Conditionally Exempted Discharges

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

C.15.b.iii.(3) ► Emergency Discharges of Fire Fighting Water and Foam Ongoing Implementation Practices

Annually report on the following ongoing practices:

- Ensuring proper BMPs and SOPs are included in contracts for non-municipal (contracted) staff hired by Permittees to assist with containment and cleanup, and to assist with prevention and mitigation of adverse impacts, of discharges associated with firefighting emergencies; and
- Evaluating the adequacy of large industrial sites' BMPs and SOPs for the prevention, containment and cleanup of emergency firefighting discharges into storm drains and receiving waters within Permittees' jurisdictions and cause those BMPs and SOPs to be improved as appropriate.

Summary:

Efforts continue in the BAMSC Regional Firefighting Discharges Work Group to address recommended BMPs and SOPs to assist with discharges associated with firefighting emergencies. Refer to the Program's FY 23-24 Annual Report for a summary of the Work Group's progress towards development of the Regional BMP Report due September 30, 2025. Valley Water is providing input for the Regional Report through participation in the SCVURPPP IND/IDDE AHTG. Valley Water anticipates fully implementing recommended BMPs/SOPs through contracted staff hired to assist with containment and cleanup, with guidance provided in the Regional BMP Report.

Valley Water staff reviewed facilities for applicability of the C.15.b.iii.(3)(c) "Large Industrial Facilities" by using a SCVURPPP guidance document from April 3, 2024. None of Valley Water facilities meet the Large Industrial Facility definition. Additionally, since Valley Water facilities are located within several other permittees jurisdiction, Valley Water will refer to the respective municipality Fire Department's procedures and BMPs in the event of a firefighting emergency on Valley Water property and support as appropriate. Valley Water has standing agreements with contractors who specialize in hazardous waste mitigation and emergency response and are capable to provide appropriate and recommended containment and cleanup activities.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

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 several 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 (rain gardens, rain barrels, and cisterns) and for upgrading to efficient irrigation equipment. In FY 23-24, 1,117 rebates (nearly \$3.2M) were issued through the Landscape Rebate Program. Though participation declined in FY 23-24 relative to FY 22-23, participation rates remain very high considering the end of the 2020-23 drought and the above-average rainfall last winter. Other programs that help reduce runoff and excess irrigation include the Water Wise Outdoor Survey Program, which provides free outdoor irrigation audits with a trained specialist for single family residential landscapes and for businesses with small landscapes in Santa Clara County. In FY23-24, the Water Wise Outdoor Survey Program conducted 167 outdoor surveys.

The Large Landscape Program similarly provides free outdoor irrigation audits with a trained specialist, but focuses on multi-family, commercial, industrial, and institutional properties with larger landscapes and dedicated irrigation meters. Additionally, this program evaluates site water use and provides monthly usage reports through site-specific irrigation budgets and field surveys. In FY 23-24, eligibility for the Large Landscape Program was expanded bringing the total enrolled sites to approximately 4,700. Cumulatively this year, this program delivered over 50,000 monthly water-use reports, which compares actual irrigation water use against site-specific budgets. These water-use reports are distributed to key stakeholders of enrolled sites to improve monitoring of water use, which helps reduce leaks and improve irrigation scheduling among other sources of inefficient irrigation water-use. Additionally, approximately 25 field surveys were conducted. These surveys result in a detailed report to site stakeholders outlining observed irrigation issues and key recommendations to improve efficiency.

Valley Water also provides free hose nozzles and soil moisture meters and maintains several webpages to reduce water waste and to increase water-use efficiency. Valley Water works with water retailers to reduce water use and provides residential Do-It-Yourself water saving kits and videos for checking and repairing leaks. All water conservation programs and resources offered by Valley Water can be reviewed further at www.watersavings.org.

FY 2023-2024 Annual Report**Permittee Name: Santa Clara Valley Water District****C.15 – Exempted and Conditionally Exempted Discharges**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 section C.7. Public Information and Outreach and the Regional OWOW Program (IPM Store Partnership) and Green Gardener Training Programs in section C.9. Pesticide Toxicity Control of the Program's Annual Report. In addition, Valley Water provides brochures on the use of drought-tolerant and native vegetation that requires less irrigation and pesticides. Valley Water launched a Landscape Workshop series with presentations on sustainable landscaping practices such as Graywater Reuse and Rainwater Collection, Irrigation Controller Programing, Sheet Mulching, Healthy Soils and Water Savings. Valley Water also funds DIY Lawn Buster Workshops, in partnership with local non-profit, Our City Forest, which provides hands-on lawn conversion training to residents, and created a Sustainable Landscape Guidelines publication highlighting a watershed approach to landscaping. As a part of Valley Water's Landscape Maintenance Consultation Program, which provides past Landscape Conversion Rebate participants with a free onsite consultation to help better maintain their new landscapes, Integrate Pest Management principals are highlighted to encourage less toxic pest control and weed abatement practices. Valley Water's 2020 Creekwise brochure also encourages creekside property owners to minimize use of pesticides (<https://www.valleywater.org/learning-center/healthy-creeks-and-ecosystems/creekside-property-program>).

Promote Outreach Messages to Encourage Appropriate Watering/Irrigation Practices

Valley Water periodically updates its outreach messages that encourage appropriate watering and irrigation practices. Our annual spring and summer multi-lingual, multi-platform campaign encourages reducing outdoor water use to meet long-term water conservation goals established by Valley Water's Water Supply Master Plans. Valley Water's Spring and Summer Conservation outreach campaign, "Bring Your Yard to Life!", promotes adopting water-efficient landscapes and participation in Valley Water's Landscape Rebate Program, Graywater Rebate Program, and Water Wise Outdoor Survey Program. As part of the spring campaign, Valley Water utilized social media platforms such as NextDoor to market the Water Wise Outdoor Survey Program by targeting neighborhoods along with bill inserts and direct messaging through collaboration with water retailers. Additionally, to promote the Graywater Rebate Program Valley Water executed an email campaign through a series of three emails aiming to educate, incentivize and encourage participants to learn about and implement graywater systems. Using Community-Based Social Marketing concepts, we targeted the Graywater Rebate Program to past Landscape Rebate Program participants who successfully converted their yards, assuming these customers may be more receptive to considering graywater projects. Valley Water also conducts messaging to reduce irrigation during fall and winter months and in 2023 encouraged residents to identify and repair toilet leaks.

Valley Water also conducts messaging to dial back irrigation during fall and winter months and in 2024, continues to advocate for the public to use an online tool for coaching proper irrigation controller programming. This is available at www.valleywaterscheduler.com. Valley Water has developed several literature pieces that specifically educate people on irrigation best management practices, as well as the online tool mentioned above. 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 and rebate information to nurseries and irrigation supply stores in the county. Valley Water is also one of the partners for the South Bay Green Gardens website (www.southbaygreengardens.org), which promotes sustainable landscaping and maintains a county wide landscape events page.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.15 – Exempted and Conditionally Exempted Discharges

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

Valley Water started the Water Waste Program in 2014. Water waste reports are received from the public through an online submission tool (Access Valley Water), the Water Wise Hotline (408-630-2000), and via email through WaterWise@valleywater.org. These reports are dispatched to the water waste team who contact the responsible party, to ensure they are aware of the issue(s) that may be contributing to water waste. Letters are mailed to the property owner outlining the reported water waste and highlighting Valley Water rebate programs, free services, and resources that could assist in resolving the issue(s). Inspections may be conducted depending on the severity of the reported water waste. Throughout FY 23-24, the water waste team followed an educational approach for all water waste reports, in accordance with Valley Water Ordinance No. 23-02. Valley Water continued to spread the message regarding the ban on irrigating non-functional turf at commercial, industrial, and institutional properties.

Valley Water processed 433 water waste reports in FY 23-24, which were responded to within 24-business hours and ultimately resolved. The time required to resolve cases varies depending on the nature of the report, the details included with the initial report, the receptiveness of the property with the reported violation, and the stakeholders involved (typically but not limited to the water retailer or city). With the end of the most recent drought, this decline in reporting was expected. Reports involved water leaks from broken plumbing and irrigation systems, overspray onto pavement, irrigation runoff, and watering during the wrong time of day. Irrigation runoff from 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.

FY 2023-2024 Annual Report

Permittee Name: Santa Clara Valley Water District

C.17 – Unsheltered Homeless Populations

Section 17 – Provision C.17 Discharges Associated with Unsheltered Homeless Populations

There are no reporting requirements for Provision C.17 in FY 23-24.

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

Glossary

Glossary

AHTG	Ad Hoc Task Group
BAMSC	Bay Area Municipal Stormwater Collaborative
BMP	Best Management Practice
BASMAA	Bay Area Stormwater Management Agency Association
CASQA	California Stormwater Quality Association
CCAG	Creek Connections Action Group
CCCWP Permittees	Contra Costa Clean Water Program Permittees
CDC	Centers for Disease Control and Prevention
CE	Continuing Education
CEO	Chief Executive Officer
CEQA	California Environmental Quality Act
CoC Program	Continuum of Care Program
CWA	Clean Water Act
CY	Cubic Yard
DDCP	Direct (Trash) Discharge Control (offset) Program
DPR	Department of Pesticide Regulation
ECCC	Environmental Creek Cleanup Committee
EO	Education Outreach Program
ER Program	Emergency Response Program
ERP	Enforcement Response Plan
FY	Fiscal Year
GSI	Green Stormwater Infrastructure
HM	Hydromodification Management
HOS	Hypolimnetic Oxygenation System
IC/ID	Illicit Connection and Illegal Dumping
IDDE	Illegal Discharge Detection and Elimination
IND	Industrial/Commercial Discharger Inspection Program

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

Glossary

IPM	Integrated Pest Management
JTA/CAP	Joint Trail Agreement and Collaboration Action Plan
KPI	Key Performance Indicator
LID	Low Impact Development
LUS	Land Use Subgroup
MECIR	Monthly Environmental Compliance Inspection Report
MOA	Memorandum of Agreement
MRP	Municipal Regional Permit
NOI	Notice of Intent
NPDES	National Pollution Discharge Elimination System
O&M	Operation and Maintenance
OFEE	Oil-filled electrical equipment
PCB	Polychlorinated Biphenyl
PIT count	Point In Time count
POC	Pollutants of Concern
Program	Santa Clara Valley Urban Runoff Pollution Prevention Program (the Program)
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
SDS	Safety Data Sheet
SFBRWQCB / Water Board	San Francisco Bay Regional Water Quality Control Board
SMP	Stream Maintenance Program
SOP	Standard Operating Procedure
State	California State Agency
STEAM	Science, Technology, Engineering, Art, and Math
SWPPP	Storm Water Pollution Prevention Plan

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

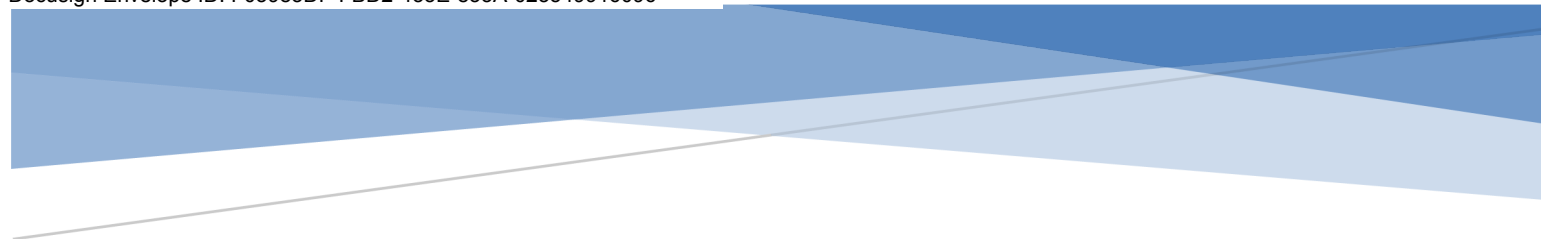
Glossary

TK	Transitional Kindergarten
TMA	Trash Management Area(s)
TMDL	Total Maximum Daily Load
VH, H, or M trash generation areas	Very High, High, or Moderation trash generation areas
Valley Water	Santa Clara Valley Water District
VW	Valley Water
ZLI	Zero Litter Initiative

FY 2023-2024 Annual Report
Permittee Name: Santa Clara Valley Water District

Glossary

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APPENDICES

Municipal Regional Stormwater Permit:
Annual Report FY 2023-2024

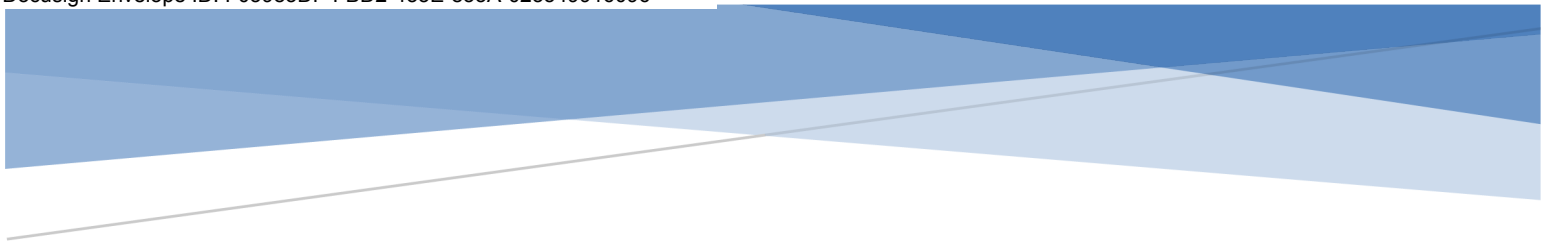
FY 2023 - 2024 Annual Report
Permittee Name: Santa Clara Valley Water District

Appendices

Appendix

Section 5 – Illicit Discharge Detection and Elimination

Appendix 5-1: C.5.c.iii - Complaint and Spill Response Phone Number and Website Screenshots



APPENDIX 5-1

Complaint and Spill Response Phone Number
and Website Screenshots

Certificate Of Completion

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Source Envelope:	
Document Pages: 106	Signatures: 2
Certificate Pages: 2	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelope Stamping: Enabled	Heather Williams
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	5750 Almaden Expressway
	San Jose, CA 95123
	HWilliams@valleywater.org
	IP Address: 64.190.101.20

Record Tracking

Status: Original	Holder: Heather Williams	Location: DocuSign
9/26/2024 8:54:56 AM	HWilliams@valleywater.org	
Security Appliance Status: Connected	Pool: StateLocal	
Storage Appliance Status: Connected	Pool: Valley Water	Location: DocuSign

Signer Events

Signature	Timestamp
John Bourgeois JBourgeois@valleywater.org Deputy Operating Officer Security Level: Email, Account Authentication (None)	Sent: 9/26/2024 8:59:38 AM Viewed: 9/26/2024 10:32:58 AM Signed: 9/26/2024 10:33:10 AM
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

In Person Signer Events

Editor Delivery Events

Agent Delivery Events

Intermediary Delivery Events

Certified Delivery Events

Carbon Copy Events

Heather Williams hwilliams@valleywater.org 1172 valley quail circle Valley Water Security Level: Email, Account Authentication (None)	<div>COPIED</div>	Sent: 9/26/2024 10:33:15 AM
Electronic Record and Signature Disclosure: Not Offered via DocuSign		

Witness Events

Notary Events

Envelope Summary Events

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Envelope Summary Events	Status	Timestamps
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Payment Events	Status	Timestamps