

CITY OF CUPERTINO

Urban Runoff Management Program



Stevens Creek, September 2023

Annual Report FY 2022-2023



ENVIRONMENTAL PROGRAMS DIVISION

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September 29, 2023

Ms. Eileen White
Executive Officer
San Francisco Bay Region
Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: **City of Cupertino**
FY 2022-2023 Annual Report

Dear Ms. White:

This letter and Annual Report with attachments is submitted by the City of Cupertino 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 City of Cupertino is a member of the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP), which reports on some permit provisions on behalf of the City of Cupertino via the SCVURPPP Annual Report.

The City's Annual Report provides documentation of activities conducted during FY 2022-2023 and consists of the following:

- A. Certification Statement
- B. Annual Report Form
 - Table of Contents
 - Completed Annual Report Form: Sections 1-17

City Highlights

Outreach events, nature camps, and other education programs continued to ramp up in 2022-2023 after being severely impacted by covid and staffing shortages. Notably, this past year the Parks and Recreation Department provided a full offering of 3rd Grade Creek Education Field Trips at McClellan Ranch Preserve with new dedicated staff.

With MRP 3.0, Cupertino continues to coordinate internally among its various divisions and departments, as well as with SCVURPPP and other regional jurisdictions, to comply with the new requirements, building on established procedures.

Thank you for your review of our Annual Report. Please contact me at 408-777-7603 or via email at ursulas@cupertino.org regarding any questions or concerns.

Very truly yours,



Ursula Syrova
Environmental Programs Manager
Public Works Department
City of Cupertino

**City of Cupertino
FY 2022-2023 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:



Chad Mosley
Director of Public Works

9/29/2023

03_Certification_Statement_need sig

Final Audit Report

2023-09-29

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Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Cupertino		
Population:	59,154 ¹		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2022-0018		
Reporting Time Period (month/year):	July 2022 through June 2023		
Name of the Responsible Authority:	Chad Mosley	Title:	Director of Public Works
Mailing Address:	10300 Torre Avenue		
City:	Cupertino	Zip Code:	95014
		County:	Santa Clara
Telephone Number:	408-777-7604	Fax Number:	408-777-3333
E-mail Address:	ChadM@cupertino.org		
Name of the Designated Stormwater Management Program Contact (if different from above):	Ursula Syrova	Title:	Environmental Programs Manager
Department:	Public Works Department, Environmental Programs Division		
Mailing Address:	Cupertino City Hall, 10300 Torre Avenue		
City:	Cupertino	Zip Code:	95014
		County:	Santa Clara
Telephone Number:	408-777-7603	Fax Number:	408-777-3333
E-mail Address:	UrsulaS@cupertino.org		

¹ Population derived from <https://dof.ca.gov/forecasting/demographics/estimates/e-4-population-estimates-for-cities-counties-and-the-state-2021-2023-with-2020-census-benchmark/>

Section 2 – Provision C.2 Reporting Municipal Operations

Program Highlights

Highlight/summarize activities for reporting year:

Summary:

In FY 22-23, the City contracted with EOA, Inc. to provide a comprehensive review of the Municipal Service Center (MSC) and Field Operations with a three-phase approach: 1) conduct the annual MSC inspection, 2) evaluate the existing facility SWPPP, and provide in-person training to the MSC staff.

Phase 1 of this program was to conduct the pre-rain season facility inspection, which was performed on 9-28-22. This inspection fulfilled the MRP requirement for the inspection and provided EOA staff familiarity with the facility, operational understanding, site challenges, and allowed them to identify deficiencies and ensure correction and staff awareness. The facility inspection also informed development of Phase 2 and 3 (SWPPP revision and training). Phase 2 of the program provided for evaluation of the existing MSC SWPPP and need for updating. It was determined the SWPPP, while functional, lacked specificity for current operations and was revised to reflect current site conditions, challenges, and operations. The SWPPP was completed and issued on 10-10-22. Phase 3 of the program was to provide in-person seminar-style training for MSC staff and consisted of discussion and an instructional video. This training was conducted on 1-5-23 and a total of 62 MSC staff and two Stormwater Program staff (Program Manager and Specialist) were in attendance. Topics trained on were as follows:

- Overview of the MRP
- Overview and elements of the SWPPP
- BMPs and Good Housekeeping at the MSC and in field operations
- Process of reporting spills discharges encountered when in the field
- Process of handling spills and discharges at the MSC

The City continues to participate in the Program's Municipal Operations AHTG. Please refer to the C.2 Municipal Operations section of the Program's FY 21-22 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:

In FY 22-23 the City continued its robust program of roadway paving, sidewalk repair, and right-of-way accessibility improvements and accomplished the following:

- 41,015.5 SF of sidewalk sections replaced
- 16,552.9 SF of driveway sections replaced
- 14 ADA curb ramps installed

Implementation and maintenance of stormwater BMPs are required through the contracts established with contractors performing work on behalf of the City. These types of public projects are managed by a Public Works Project Manager, City Maintenance Supervisor, and/or Public Works Inspector who are knowledgeable of BMP implementation and management. In addition, the City's IND/IDDE Inspector also conducts periodic spot inspections of these work areas to ensure BMPs are being maintained during the project. These projects are typically conducted between June and early October to avoid working during the rainy season. BMPs are installed by the contractors prior to street paving/sealing and are removed at the completion of the project. Similarly, curb and gutter improvements are overseen by the Public Works Inspector who checks the work areas for any deficiencies of BMPs or conditions that could or are contributing to water pollution, either actual or threatened.

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

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

NA	Control of 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
Y	BMPs for washing down outside areas of human habitation include sanitizing procedures
NA	Implementation of the BASMAA Mobile Surface Cleaner and California Stormwater BMP Handbook (or similar) Program BMPs

Comments:

The City does not use surface cleaning power washing as a regular method of cleaning, with exception of one building exterior (Senior Center and attached wood deck) and the swimming pool deck at Blackberry Farm Picnic area. At both locations, storm drains in the vicinity of the surface cleaning area are covered and all wash water is directed to adjacent landscaping for ground percolation. Material spills are contained, cleaning is done with dry methods whenever possible, and staff is trained that wash down is a last resort and any effluent must be contained and discharged to landscaping or the sanitary sewer. The MSC has several dry method spill kits clearly labeled in various locations around the facility, including the vehicle/equipment fueling island canopy and the roadway legends and paint areas. These are periodically checked and re-supplied as needed. They are also checked during the annual MSC inspection.

The City is in the process of finalizing formal BMPs for washing down outside areas of human habitation which include sanitizing procedures. This BMP sheet will be included in the performance standard for contractors retained to provide such services and is expected to be finalized in the first quarter of FY 23-24. In FY 22-23 surface cleaning was only conducted for two small, single-occupant encampments that were both on paved areas of the City right-of-way (sidewalk). Both of these areas that were surface cleaned were less than 200 SF and the work was performed by a private contractor and all work was supervised by the City's IND/IDDE inspector. There were no storm drain inlets in the work area and nearby storm drain inlets were covered to prevent any accidental overflow from the contained work area. All effluent generated from the surface cleaning was contained, vacuumed to tanks, and discharged in a lawful manner by the contractor.

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

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

NA	Control of discharges from bridge and structural maintenance activities directly into surface waters or storm drains
NA	Control of non-stormwater and wash water discharges from graffiti removal activities
NA	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities

Comments:

The City did not perform any bridge work over or near any water bodies in FY 22-23. Graffiti removal throughout the City is generally very minor and localized. The City does not experience significant graffiti on either public or private property and there has not been large scale graffiti removal operations necessary. When there is graffiti removal, it is generally done by the City's maintenance staff who use small amounts of covering paint or graffiti remover to clean roadway signs and poles, and the activity generates little waste or stormwater pollutants to manage. Larger graffiti removal projects would likely involve a contractor performing the work and City staff would ensure that proper installation of BMPs was observed for the duration of the project and include the SCVURPPP Graffiti BMP Fact Sheet with the contract package.

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.	
Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
NA	Constructing roads and culverts that do not impact creek functions, including migratory fish passage
NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts, and address excessive erosion
NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
NA	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): The City does not have any unpaved rural roads. The combined length of paved rural roads in Cupertino is less than five miles and includes Regnart Road, Lindy Lane, and Stevens Canyon Road to the southern City limit. In a typical year, inspection and maintenance of this limited amount of rural roadway is part of the City's on-going planned and prioritized street maintenance. Minor maintenance generally consists of vegetation control and management done by hand with City staff employing BMPs as deemed necessary for the conditions. In FY 22-23, the City obtained environmental permitting for redesign and construction of approximately 300 linear feet of Regnart Road adjacent to Regnart Creek. The scope of work includes roadway widening, pavement replacement, retaining wall reconstruction, and guardrail installation.	

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.

The retaining wall reconstruction will be done on the creek side of the roadway and on the opposite, uphill side which will provide both roadway stabilization and erosion control. The work will begin in FY 23-24.

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).
<i>(For FY 22-23 Annual Report only)</i> Provide links to the Corporation Yard SWPPP or include it in the FY 22-23 Annual Report. The MSC SWPPP will be included with submittal of the FY 22-23 Annual Report.	
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

Comments:

MSC Vehicle and Equipment Closed-loop Wash Rack

The MSC uses a closed loop, self-contained wash rack and pad which does not discharge to the storm or sanitary sewer systems. The wash rack and pad are used to clean mowers, vehicles, and other equipment requiring rinsing and cleaning of pollutants such as sediment, vegetative material, and residual vehicle/equipment fuel and lubricants. These pollutants are captured as sludge and disposed in landfill when solidified and the wash water is recycled. The wash system receives monthly inspection and as-needed cleaning. In FY 22-23, the sludge collector was serviced once. The MSC staff conduct regular inspections to ensure continued efficiency and proper capture of solids and effluent. The nearest drain inlet to the wash rack and pad, DI#2, is protected with a Full Trash Capture device including a hydrocarbon filter which is cleaned or replaced as needed, three times per year. A permanent rubber berm is installed at the low area of the wash rack and pad to keep run-off from leaving the wash rack area.

MSC Pre-Rainy Season Inspection

The City's contracted street sweeper provides a monthly sweep of the MSC work vehicle/equipment parking lot, open and paved work areas, and paved drive aisles. The MSC undergoes a thorough annual inspection each September pursuant to the MRP. In FY 22-23, the City retained EOA, Inc. to perform this inspection to maximize objectivity and transparency with this inspection and any enforcement actions. All storm drain inlets, service activity areas, vehicle and equipment parking, and storage areas are inspected to identify deficiencies, potential improvements, and to ensure that the facility is prepared for the upcoming rainy season. Eight of the 17 drain inlets at the facility are fitted with REM Full Trash Capture (FTC) devices including hydrocarbon filters which are inspected, cleaned and/or replaced three times per year by the vendor through a maintenance agreement.

If you have a corporation yard(s) that is not an NOI facility, for inspection results for your corporation yard(s), complete the following table, provide a narrative above, or attach a summary including the following information:

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
Municipal Service Center (MSC)	All exterior areas of the MSC including the front employee/customer parking area were inspected.	9-28-22	The inspector identified two minor deficiencies for waste bins/boxes that were uncovered and provided recommendation that they be covered when not in use and during the rainy season or move them to a covered area if lids/tarps cannot be effectively implemented.	No violation was found with the uncovered waste receptacles and there are tarps provided to be used for covering the large debris boxes when rain is imminent.

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

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
1-5-23	Overview of the MRP; Overview and elements of the SWPPP; BMPs and Good Housekeeping at the MSC and in field operations; Process of reporting spills discharges encountered when in the field; Process of handling spills and discharges at the MSC	54	43	80
Comments:				

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

**C.3.a.ii. ► New Development and Redevelopment Performance
Standard Implementation Summary Report**

(For FY 22-23 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8)).

Summary:

On June 6, 2023, the City Council conducted the second reading and adopted unanimously, Chapter 9.18 of the Cupertino Municipal Code (Stormwater Pollution Prevention and Watershed Protection) which amended the existing ordinance to adopt all provisions of MRP 3.0. All provisions of MRP 3.0 and subsequent permits are enforceable under the municipal code including the following elements:

- (1) The City has the required legal authority to cover the reduced project size thresholds and new regulated project types that became effective July 1, 2023.
- (2) The City has adequate municipal review and permitting procedures, including conditions of approval and enforcement capability to implement C.3 provisions.
- (3) The City has adequate authority requiring projects discharging directly to CWA Section 303(d) listed water bodies to implement appropriate pollutant control BMPs.
- (4) City Engineering staff reviewing projects for C.3 compliance participate in the C.3 Ad Hoc Task Group (AHTG) and participate as they are able in SCVURPPP organized training and workshops. This training is also extended to staff in the Planning and Public Works Capital Improvement Divisions. The Environmental Programs Manager and Specialist also attend both the C.3 AHTG and the C.3 training and workshops.
- (5) Outreach is provided to developers, contractors, construction site operators, and property owners through the City's Development Services webpage and in person by the Development Services team and the Public Works inspector.
- (6-7) The Environmental Programs Specialist reviews all commercial building permits, with exception to small MEP permits (mechanical, electrical, plumbing) and conditions of approval for the building permit issue and required to be met. Examples of these conditions include:
 - (a) Wet waste business (food/drink) must upgrade any existing trash enclosure to be of adequate size to house all waste containers and a roof must be installed if one is absent. If no trash enclosure is existing, a new covered, adequately sized trash enclosure is required to be constructed;
 - (b) Projects in Very High, High, and Moderate Trash Generation areas must install full trash capture systems to treat the entire property;
 - (c) Storm drain stenciling;
 - (d) Architectural copper is prohibited;
 - (e) Waste trios and cigarette ash urns are required to be installed on the project site adjacent to the public sidewalk for public use. The trios and urns are required to be maintained by the property owner/operator in perpetuity;
 - (f) Property owners, site managers, and building contractors conducting fire sprinkler testing/flushing are required to notify the Environmental Programs Division through submittal of a planned water discharge form identifying the date/time, volume of water, type of pollutants present in the water, and the location/method of discharging the water. The form is reviewed and approved by staff or modified as needed. The City's IND/IDDE inspector is typically present during the discharge/flow test to ensure no discharge enters the MS4 and is contained appropriately which is typically to landscaping or to the sanitary sewer system under a separate permit issued by the sanitary district.
- (8) Enactment of Municipal Code Section 9.18 (Stormwater Pollution Prevention and Watershed Protection) falls within the goals stated in the City's General Plan, Sections 5-32 through 5-37 and the scope of the City of Cupertino police powers to protect the health, safety, and welfare of its

residents. The General Plan is titled, "City of Cupertino, General Plan, Community Vision 2015-2040" and was adopted by the City Council December 4, 2014.

C.3.b.iv.(1) ► Regulated Projects Approved with No Provision C.3 Stormwater Treatment Requirements

(For FY 22-23 Annual Report only) Provide a complete list of development projects that were approved with no Provision C.3 stormwater treatment requirements under a previous MS4 permit and have not begun construction by July 1, 2022. Fill in attached table **C.3.b.iv.(1)** or attach your own table including the same information.
 Please refer to Table C.3.b.iv.(1) for the required information.

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.
 Please refer to Table C.3.b.iv.(2) for the required 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.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Comments (optional):				

C.3.e.v ► Special Projects Reporting

1. In FY 2022-23, 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)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2. In FY 2022-23, 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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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.
 Not applicable.

C.3.g.vi.(1) ► Hydromodification Management (HM) Applicability Maps (CCCWP Permittees only)

<i>(For FY 22-23 Annual Report only)</i> Has your agency prepared new HM Applicability Maps or equivalent information?		Yes	<input checked="" type="checkbox"/>	No
Does not apply to SCVURPPP Permittees.				

C.3.g.vi.(2) ► Hydromodification Management (For CCCWP Permittees only)

<i>(For FY 22-23 Annual Report only)</i> Submit a Technical Report consisting of a HM Management Plan describing how the CCCWP Permittees will implement the HM Standard specified in Provision C.3.g.iii.
Does not apply to SCVURPPP Permittees.

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 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

<p>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.)</p>		<p>Yes</p>	<p>X</p>	<p>No, there were no newly installed treatment systems or HM controls in FY 22-23</p>
<p>2. Is a copy of the communication, including the list of newly installed treatment/HM measures, included in your Annual Report?</p>		<p>Yes, See Appendix 3-1</p>	<p>X</p>	<p>No, see SCVURPPP Annual Report for a copy of the communication and list.</p>

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

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY 21-22)	37 ³
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 22-23)	37

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

Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 22-23). Include only stormwater related inspections.	24
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 22-23). Include only stormwater related inspections.	64% ²

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:
 Summary:

The City's Public Works Engineering Inspector inspects and verifies the Operation & Maintenance (O&M) for the various types of treatment systems for Cupertino's private property regulated projects. The City of Cupertino does not use a third-party for C.3 inspections; however, a few private projects utilize such a third-party to inspect the O&M of those systems and provide reporting to the City. In those instances, the Public Works Engineering Inspector also conducts inspections of the systems to verify the findings of the third-party inspectors. The City's Public Works Engineering Inspector performed inspections of 24 regulated project sites which include the treatment structures at each site. Enforcement in FY 22-23 consisted of one verbal warning for trash accumulation in the vegetated bioretention areas of a shopping center parking lot which was resolved within 48 hours.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The post-construction stormwater BMP O&M inspection program inspections for FY 22-23 did not present significant challenges. The combination of increased awareness, education provided by City staff, and meetings at regulated project sites continues to strengthen the program. Property owners have accepted the responsibility of maintaining stormwater treatments and HM controls.

The City's Regulated Project O&M inspection program is coordinated through a recorded stormwater BMP O&M agreement between the property owner and the City and is reinforced by requirements in the City's Municipal Code, which provides the City the legal authority to remediate any deficiencies and recover the costs from the private property owner when warranted. Operational procedures that contribute to the program's success include:

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).

³ During the writing of the FY 22-23 Annual Report, Table C.3.h.v.3.a-c and f data shows 37 total regulated projects reported in FY 21-22 Annual Report. It should be noted that this is different than what was reported in the FY 21-22 table (41 total). Staff made an error in FY 21-22 and included four projects which were not completed, but under construction. Recalculating the FY 21-22 post-construction inspections of 21 and the total regulated projects, the City conducted inspection of 56% of all total regulated projects in FY 21-22.

Selection of Annual O&M Inspection Sites:

- All newly installed treatment measures, HM controls, and pervious pavement systems that total at least 3,000 sf are inspected by the Public Works Engineering Inspector upon installation.
- All treatments and controls on at least 20% of the City's C.3 regulated sites are inspected annually, as allowed under C.3.h.ii. (6). In FY22-23, 24 regulated project sites were inspected.

Inspection Program Responsibilities:

- Public Works engineers review development plans for MRP C.3 compliance.
- The Public Works Engineering Inspector (a certified CESSWI) observes the construction of regulated project treatment measures during his routine construction site inspections (C.6) and performs O&M inspections and enforcement for all the City's C.3 regulated projects. The Inspection details and outcomes are tracked in his Excel regulated project reporting database.
- The Public Works Engineering Inspector field-checks construction of the on-site C.3 treatments and signs off on the grading permits. Prior to City approval for site occupancy and documents when the project was completed.
- The Public Works Inspector submits a Permanent Treatment O&M Inspection summary table for the previous fiscal year to the Environmental Programs Specialist by August 15th of each year.
- The Environmental Programs Specialist reviews the inspection summary table and reports the required O&M inspection data in the City's Annual Report.

Pre-Inspection Preparation:

- The Public Works Engineering Inspector reviews the C.3 regulated project reporting table and the O&M Inspection records prior to beginning annual inspections.
- Prior to an initial site inspection, the Public Works Engineering Inspector may review the site's Storm Water Management Plan, including applicable as-built construction plans, for permanent treatment information, as well as treatment types and locations. This will cease to be necessary as he becomes very familiar with the existing treatment measures throughout the City.
- The Public Works Engineering Inspector will review previous City inspection results and the property owner's O&M maintenance records.
- The Public Works Engineering Inspector is familiar with SCVURPPP fact sheets on specific treatment measures and uses them as guidance when addressing questions raised during the inspection by the site owners or operators.

Enforcement Procedures:

- If any deficiency is identified, the Public Works Inspector will document it. If the Inspector issues a written notice of violation, it will include the O&M inspection results, a list of corrective actions needed, and a compliance schedule. This notice is given to the property owner/site manager and compliance will be expected and verified within ten business days of the inspection or before the next anticipated rain, whichever occurs first.
- In the event of a deficiency, the inspector will complete a follow-up inspection, documenting whether all recommended maintenance activities have been completed and if other actions are needed to ensure proper operation of the facility.
- If repairs are not undertaken or are not done properly within the time allotted in the compliance schedule, the City will begin enforcement proceedings as provided in the City's C.3 O&M Verification Enforcement Response Plan (ERP) and documented in the Municipal Code. The

inspector documents the date that all necessary repairs have been completed in the City's C.3 O&M Excel database, including other pertinent information regarding maintenance of the site.

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. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i.

In FY 22-23 the City amended Chapter 9.18 of the Cupertino Municipal Code to reflect changes in MRP 3.0. In 2013 Cupertino's City Engineer last modified the City's C.3 regulated project review conditions of approval, policies, procedures, and checklists to require all small and single-family projects approved after December 1, 2012, to direct roof runoff onto vegetated areas and consider implementing additional site design measures listed in Provision C.3.i. This process continues and there have been no reasons or needs for modification. The City includes BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees.

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:
See attached Tables C.3.j.iii.(2)-A and C.3.j.iii.(2)-B for the required information, and any additional notes provided here (optional).

Please refer to Tables C.3.j.iii.(2)-A and C.3.j.iii.(2)-B for the required information.

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 22-23 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.
 Please refer to Table C.3.j.v.(1)(a)

C.3.j.v.(1)(c) and (d) ▶ Tracking and Mapping Tools

Certify in the 2023 Annual Reports that the tracking and mapping tools have been completed and are being implemented. In each Annual Report, provide summary reports on the implementation of the tracking and mapping tools and provide a link to the component which is available to the public.

Has your agency completed developing Green Infrastructure tracking and mapping tools, and are they being implemented?	X	Yes		No
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Summary Reports:
 Please refer to the Program's FY 22-23 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.(3) ► Numeric Retrofit Requirements
 In each Annual Report, report on progress made towards the retrofit requirements described in Provision C.3.j.ii.(2).

In FY 22-23 the City completed the first phase of the Memorial Park Master Plan which deconstructed approximately 71,300 SF of concrete liner from a large amenity pond within the park. The pond had been empty for over one year and this phase removed all impervious concrete lining, backfilled with clean fill, and pervious natural turf was planted. As the park is very early in design phase for an entire revitalization project, there may be future removal and programing for some areas where turf was planted.

Please refer to the Program's FY 22-23 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.(5) ► Alternative Green Infrastructure Techniques for Rural Communities

Permittees whose jurisdictions are dominated by rural areas may collectively submit a proposal, subject to the Executive Officer's approval, for the use of alternative green infrastructure techniques.

Is your jurisdiction a rural community that is participating in a program to develop a proposal to use alternative green infrastructure techniques?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, include a copy of the proposal in the FY 22-23 Annual Report.

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

Permittees with ordinances that require Regulated Projects to treat significantly more impervious surface than the minimum required by Provision C.3.c-d, may offset their Numeric Implementation retrofit requirements by a one-time credit of up to 25 percent, and by no greater than one acre.

Is your jurisdiction submitting a report to offset numeric implementation retrofit requirements by a one-time credit of up to 25 percent?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, include a copy of the report in the FY 22-23 Annual Report. Permittees may not use the offset prior to Executive Officer approval of the report.

C.3.b.iv.(1) ► Regulated Projects Approved with No Provision C.3 Reporting Table

(For FY 22-23 Annual Report only) Fill in table below or attach your own table including the same information.

Project Name Project No.	Project Location ³ , Street Address	Type of Stormwater Treatment System Required	Specific Exemption Granted ⁴
None	N/A	N/A	N/A

Comments:
 No projects met this criteria in FY 22-23.

³ Include cross streets

⁴ Pursuant to Provision C.3.b.i.(2)(a) and (b) (i.e., any Regulated Project that was previously approved with a vesting tentative map approved or conditionally approved, as allowed by State law; any Regulated Projects for which the Permittee has no legal authority to require changes to previously granted approvals; and any Regulated Project exempted from the LID requirements of Provision C.3.c as is provided with a stormwater treatment with media filters that comply with the hydraulic sizing requirements of Provision C.3.d.

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 ⁵ , Street Address	Name of Developer	Project Phase No. ⁶	Project Type & Description ⁷	Project Watershed ⁸	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁹	Total Replaced Impervious Surface Area (ft ²) ¹⁰	Total Pre- Project Impervious Surface Area ¹¹ (ft ²)	Total Post- Project Impervious Surface Area ¹² (ft ²)
Private Projects											
Bay Area Self Storage	10655 Mary Ave	Hunter Properties Inc.	N/A	Redevelopment – storage facility	Sunnyvale East Creek	4.03	3.51	4,147	128,522	142,032	146,179
District McClellan	20860 McClellan Rd	District McClellan LLC	N/A	7-lot residential subdivision – 6 homes & 1 common lot	Calabazas Creek	1.24	1.24	0	27,539	28,090	27,539
Hampton Apartments	19500 Pruneridge Ave	IAC at Cupertino LLC	N/A	Parking lot expansion	Calabazas Creek	12.5	0.28	7,482	532	834	8,014
Marina Plaza	10145 N De Anza Blvd & 10118 Bandlely Dr	De Anza Venture, LLC	N/A	Mixed-use development – 206 condominium units and 41,200 sf commercial	Sunnyvale East Creek	5.12	5.12	0	166,445	209,783	166,445
11226 Bubb Rd Subdivision	11226 Bubb Rd	11226 Bubb Investment LP	N/A	3-lot residential subdivision – 3 homes	Calabazas Creek	0.27	0.22	0	13,501	14,018	13,501
76 Gas Station	10490 S De Anza Blvd	Liaoning Benefit Petroleum Corporation	N/A	Redevelopment – gas station	Calabazas Creek	0.32	0.32	0	10,192	13,897	10,336
Public Projects											

⁵ Include cross streets

⁶ 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”.

⁷ 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.

⁸ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁹ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁰ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹¹ For redevelopment projects, state the pre-project impervious surface area.

¹² For redevelopment projects, state the post-project impervious surface area.

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 ⁵ , Street Address	Name of Developer	Project Phase No. ⁶	Project Type & Description ⁷	Project Watershed ⁸	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁹	Total Replaced Impervious Surface Area (ft ²) ¹⁰	Total Pre- Project Impervious Surface Area ¹¹ (ft ²)	Total Post- Project Impervious Surface Area ¹² (ft ²)
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:

There were no approved Public Regulated projects in FY 22-23.

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 ¹³	Estimated or Actual Completion Date	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
Private Projects										
Bay Area Self Storage	Entitlement Approval: 1/18/22	Early 2026	Covered dumpster area, Beneficial landscaping, Maintenance, Storm drain labeling	Minimize land disturbed, Minimize impervious surfaces, Disconnected downspouts, Self-treating area, Self-retaining area	Infiltration trench, bioretention	O&M agreement with private owner	1a, 1b	N/A	N/A	Exempt Project is not in a green area on the HM Applicability Map
District McClellan	Entitlement Approval: 10/18/22	Mid 2025	Beneficial landscaping, Maintenance, Storm drain labeling	Minimize land disturbed, Minimize impervious surfaces, Cluster structures, Disconnected downspouts, Pervious pavement, Self-retaining area	Bioretention	O&M agreement with private owner	2c	N/A	Third Party review and Certification by Schaaf & Wheeler	Exempt Less than 1AC impervious area
Hampton Apartments	Entitlement Approval: 4/20/23	Early 2024	Maintenance, Storm drain labeling	Self-retaining area	Bioretention	O&M agreement with private owner	2c	N/A	Third Party review and Certification by Schaaf & Wheeler	Exempt Less than 1AC impervious area

¹³ Provide status of project (e.g., application date, application deemed complete date, project approval date).

¹⁴ 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.

¹⁵ 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.

¹⁶ 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.).

¹⁷ 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.

¹⁸ 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).

¹⁹ 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.

²⁰ 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.

²¹ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²² If HM control is not required, state why not.

²³ 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.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 ¹³	Estimated or Actual Completion Date	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
Marina Plaza	Entitlement Approval: 12/6/22	Unknown Project has not yet submitted a building permit application	Beneficial landscaping, Maintenance, Storm drain labeling	Minimize land disturbed, Minimize impervious surfaces, Minimum-impact parking lot design, Pervious pavement, Green roof, Self-treating area	Flow through planter, green roof	O&M agreement with private owner	2b	N/A	Third Party review and Certification by Underwood & Rosenblum, Inc (for green roof only)	Exempt Project is not in a green area on the HM Applicability Map
11226 Bubb Rd Subdivision	Entitlement Approval: 1/17/23	Late 2024	Wash racks drain to sanitary sewer, Beneficial landscaping, Outdoor material storage protection, Maintenance, Storm drain labeling	Minimize land disturbed, Minimize impervious surfaces, Disconnected downspouts, Self-retaining area	Infiltration trench	O&M agreement with private owner	3	N/A	N/A	Exempt Less than 1AC impervious area
76 Gas Station	Under Construction, Building Permit Revision Approval: 3/6/23	Mid 2024	Covered dumpster area, Beneficial Landscaping, Outdoor material storage protection, Maintenance, Storm drain labeling	Minimize impervious surfaces, Cluster structures, Pervious pavement, Self-treating area, Self-retaining area	Bioretention	O&M agreement with private owner	2c	N/A	Third Party review and Certification by BKF Engineers	Exempt Less than 1AC impervious area

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 ²⁴	Date Construction Scheduled to Begin or Date of Completion	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
Public Projects										
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: There were no regulated Public Projects in FY 22-23.										

²⁴ For public projects, enter the plans and specifications approval date.

²⁵ 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.

²⁶ 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.

²⁷ 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.).

²⁸ 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.

²⁹ 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).

³⁰ 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.

³¹ 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.

³² Note whether a third party was used to certify the project design complies with Provision C.3.d.

³³ If HM control is not required, state why not.

³⁴ 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 Installed³⁵ 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 22-23 Annual Report for a copy of the communication to Vector Control.

Name of Facility	Address of Facility	Party Responsible ³⁶ For Maintenance	Type of Treatment/HM Control(s)
None in FY 22-23			

³⁵ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
³⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table

Reporting Period – July 1 2022 - June 30, 2023

Project Name & No.	Permittee	Address	Application Submittal Date ³⁷	Status ³⁸	Description ³⁹	Site Total Acreage	Total Impervious Surface Created / Replaced ⁴⁰ (ft ²)	Gross Density DU/Acre	Density FAR	Special Project Category ⁴¹	# of DUs in each AMI Category for Category C	LID Treatment Reduction Credit Available ⁴²	List of LID Stormwater Treatment Systems ⁴³	List of Non-LID Stormwater Treatment Systems ⁴⁴

Special Projects Narrative

There were no Special Projects in FY 22-23.

³⁷ 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.

³⁸ 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.

³⁹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁰ 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).

⁴¹ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴² 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.

⁴³ 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.

⁴⁴ 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.

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

Project Name and Location ⁴⁵	Project Description	Status ⁴⁶	GI Included? ⁴⁷	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁸
Jollyman Park- All-inclusive playground development	Design and construct an all-inclusive playground within an existing park.	Stormwater Management Plan has been completed. Construction scheduled to begin in late 2023-early 2024.	Yes	Vegetated swales (not full bioretention) are included in this project.
Memorial Park- Specific Plan Design	Following the findings of the Master Plan process, develop a conceptual design for Phase I features and amenities. Features to be considered include walking path improvements, playable water feature, enhancing tree canopy, integrating natural features, and enhancing indoor and outdoor event and gathering space.	Project is in conceptual design phase and currently in the EIR phase.	TBD	Will be evaluated for GSI potential; however it is too early for determination of green infrastructure implementation.
Library Expansion Project	Design and construct a 5600 SF addition to the existing library.	Construction completed in 21-22.	No	No opportunities for GSI due to utilities and existing parking lot runoff currently discharges to existing vegetated swales built during the library construction in 2004. The vegetated swales are being reconstructed to original condition, pending grant funding which has yet to be awarded.

⁴⁵ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁶ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁷ 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.

⁴⁸ 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.

Regnart Road Improvements	This section of paved, rural road will have a retaining wall constructed to stabilize the road slope to the creek.	Construction to begin in 2024.	No	No opportunities for GSI, due to very narrow roadway width. This project will be removed from this table in FY 23-24 Annual Report.
Alan Row Offsite Improvements (22690 Stevens Creek Blvd)	Installation of new bioretention facilities within the park strips along the Stevens Creek Blvd & Foothill Blvd frontages.	Construction anticipated to be completed April 2024.	Yes	New bioretention treatment will provide stormwater treatment for approximately 14,700 SF of the existing adjacent impervious roadway.

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

Project Name and Location⁴⁹	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Lawrence-Mitty Park	Development of a neighborhood park and trail expansion over several acres of land. This will be a multi-year project from design to build.	Design in progress in FY 22-23.	Due to the proposed size of the park, this may be a regulated project, depending on the amount of impervious surface that would be redeveloped. If not a regulated project, GSI features will be evaluated and could be incorporated to the design element. In FY 22-23 a 5000 SF bioretention area was evaluated as an element of the project and discussed with the City of San Jose as a co-located project that would treat runoff from Lawrence Expressway. City of San Jose determined the project was too small to easily show the water quality benefit. It has not yet been determined if the bioretention that was proposed will remain or be modified due to the project still in design; however, the City made an effort to work with a neighboring jurisdiction for the potential of a mutually beneficial project.
Memorial Park Pond Repurposing (Memorial Park, 21251 Stevens Creek Blvd)	Removal of approximately 71,300 SF of impervious pavement and replacement.	Construction of this project was completed in FY 22-23.	Removal of approximately 71,300 SF of impervious pavement and replacement with pervious vegetated areas.

⁴⁹ 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.

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 ⁵⁰	Total Area Draining to Treatment Measures (ft ²)	Impervious Area Treated (ft ²)	Pervious Area Treated (ft ²)
Memorial Park- 21251 Stevens Creek Boulevard	City of Cupertino	Removal of approximately 71,300 SF of concrete amenity pond liner and replaced with pervious turf.	October 2022	Conversion of impervious concrete to pervious natural turf.	City of Cupertino	N/A	N/A	71,300 SF	N/A
Comments:									

⁵⁰ 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).

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Inspection Overview

Consistent with the IND Program Business Inspection Plan, in FY 22-23 the City prioritized and conducted IND facility inspections at businesses identified as having the likelihood of contributing to pollution of stormwater runoff or that had recently documented violations encountered through the IDDE program. The facilities in the IND inspection program included: office parks, hotels, high volume retail and shopping centers, restaurants, grocery stores and markets, automotive facilities, building supplies/services, corporation yards, and garden centers. In FY 22-23, the City inspected 136 different business facilities, an increase in the number inspected the previous FY (109). There was a total of 136 businesses that were on the list of potential facilities to inspect, but 16 businesses were out of business and vacant as determined at the time of the inspection. Those properties were still inspected although they did not have a tenant.

The Business Inspection Plan was given an annual review to ensure it meets the MRP requirements and provides a consistent and workable framework to administer the IND program. No changes were identified.

Fines and Fees

The City has a re-inspection fee program that is intended to incentivize property oversight and adherence to stormwater pollution BMPs. It provides for monetary penalties to be assessed for sites that are inspected and found to have violations. In FY 22-23, the re-inspection fee was \$332 per inspection. Typically, the fee is assessed for each inspection which is required to determine compliance and complete mitigation of any potential or actual discharge identified during the initial inspection. In FY 22-23, seven businesses were found to be in violation. Several months before the IND inspections begin, re-inspection fee letters are mailed to all property and business owners scheduled for an IND inspection. An explanation of the IND program and educational brochure are provided to encourage active oversight and engagement of the businesses concerning stormwater pollution prevention. Also included is a brochure explaining the County's VSQG program which provides small business owners that may generate modest amounts of hazardous waste (e.g. fluorescent tubes, cleaners, etc.) a low-cost resource for disposal. The goal is to reduce the storage of these unused/broken materials in trash enclosures and other exterior areas which present a threatened discharge condition. The City requests the IND program letters to be signed and returned acknowledging receipt by both the business and the property owner. Of the 196 letters mailed out in FY 22-23, 25 (13%) signed letters were returned. This is a 5% increase from FY 21-22. While the increase in response this past year is encouraging, a property owner's failure to return the signed letter does not absolve them from any responsibilities under the MRP, municipal code, or the assessment of re-inspection fees or fines. The number of letters mailed out differs from the 136 total facility inspections because letters are sent to property owners as well as the facility occupants, which are not always the same entities. In addition to the re-inspection fee, businesses and property owners may also be issued an administrative citation for up to \$500 per violation (\$100 for the first violation, \$200 for the second violation, and \$500 for the third and any subsequent violations within 12 months). In FY 22-23, there were three administrative citations issued for violations discovered during IND inspections totaling \$800.00.

All inspections were completed that were scheduled for FY 22-23. Typically, inspectors meet with staff from the business being inspected to discuss the IND program, review best practices, and to educate for deficiencies identified during the inspections. For businesses that were found to be

closed during the inspection, a perimeter and outside area inspection was conducted. Inspectors did not enter areas behind gates/fences or where otherwise prohibited by law.

The City continues to be an active participant in the SCVURPPP IND/IDDE AHTG. Refer to the C.4. Industrial and Commercial Site Controls section of the Program's FY 22-23 Annual Report for a description of activities of the Program and/or the BASMAA Municipal Operations Committee.

C.4.b.iii.(1) ► Business License Applications

Provide a brief description below of which Permittee entity or entities are responsible for reviewing and approving business license applications, or provide a link to your website for business license applications.

The Finance Division of the Administrative Services Department reviews and approves business license applications.

<https://www.cupertino.org/i-want-to/apply-for/business-license-application>

<https://www.cupertino.org/acg>

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 checked="" 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))	136
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))	4

Comments:

This FY, the City determined that 7 separate facilities were found to have one or more violations. Of the 7 facilities, there were a total of 6 Verbal Warnings issued, 6 Notices Of Violation (NOV), 1 Pre-Citation Notice, and 2 Administrative Citations. Of the 7 facilities found with violations, 4 facilities exceeded 10 business days, but were deemed resolved in a longer but still timely manner due to administration of the ERP. These are as follows:

- 1) Apple, Inc. (19333 Vallco Pkwy): Hydraulic oil discharge from recycling compactor and litter/debris accumulation in west dock. 1 verbal warning was issued. Business ultimately complied in 14 business days.
- 2) BJ's Restaurant & Brewhouse (10690 N De Anza Blvd): Waste bin lids and tallow bin lids not closed; waste bins stored outside of the designated trash enclosure; tallow bin being maintained in unsanitary condition, used cooking oil on trash enclosure floor, and without secondary containment; uncontained trash within the trash enclosure, parking lot, perimeter landscape, and back of house access;

exterior walkways stained with grease and waste effluent; storm drains not labeled; and full-trash capture devices were full and in need of cleaning. 1 verbal warning, 1 NOV, and 1 Pre-Citation Notice were issued. The business ultimately complied in 18 business days.

3) Stanley Square Common Area (21678 Stevens Creek Blvd): Waste bin and tallow bin lids not closed; tallow bin being maintained in an unsanitary condition; non-stormwater discharge from roof of unknown source via downspout to City right-of-way. 1 verbal warning and 1 NOV was issued. The business ultimately complied in 11 business days.

4) Target (20745 Stevens Creek Blvd): Storm drains missing/faded "No Dumping Drains to Creek" labeling; excessive uncontained trash in all parking lot landscaping/stormwater treatment areas including loading docks/compactor areas; excessive trash in storm drain inlet trash capture devices. 1 verbal warning, 1 NOV and 2 Administrative Citations were issued. The business ultimately complied in 15 business days.

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	Verbal Warning	6
Level 2	Written Notice of Violation (NOV)	6
Level 3	Administrative Pre-Citation	1
Level 4	Administrative Citation	2
Level 5	Referral to City Attorney	0
Level 6	Referral to Water Board	0
Total		15

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

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 Category ²	Number of Actual Discharges	Number of Potential Discharges
Automotive	0	0
Building Supplies/Services	0	1
Grocery	0	1
Corp Yards	0	0
Food Facility	0	2
Shopping Center	0	1
Offices	1	0
Major Retail	1	0
Major Entertainment	0	0
Other – Hotel	0	0
Other – Agriculture	0	0
Miscellaneous	0	0

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

²List your Program's standard business categories.

<p>Comments: The SCVURPPP IND/IDDE Inspector training was not held this year and the City did not provide any internal staff training. In FY 23-24, inspector training will be conducted by SCVURPPP, internal City training, or both. It should be noted that three staff perform IND inspections and all have significant training and extensive facility inspection experience.</p>						

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:

Illegal Dumping

Illegal dumping continues to be a challenge and impact to City staff. The City classifies illegal dumping of all materials in the public right-of-way an IDDE actual discharge and it is reflected in the IDDE database. In most cases, the materials dumped are bulky household items such as furniture and appliances, which while not a direct threat to enter the MS4, could be comingled with other substances such as paint, cleaners, and automotive fluids. The IND/IDDE Inspector responds to these incidents and investigates to identify and locate the responsible party, which includes leaving door hangers as the situation warrants, which advise of the incident and include a resource to have these types of materials removed by the City's franchised waste hauler. The dumping locations are random and have proven a challenge to address through digital or police surveillance.

Fire Sprinkler System Planned Water Discharges

The Environmental Programs Division (Stormwater Program) has implemented a building permit application review comment requiring notification if any of the permitted construction would necessitate discharging water from the building fire suppression system and if so, the Fire Sprinkler System Planned Water Discharge Form is required. The City's IND/IDDE Inspector is present during the discharge to ensure proper BMPs are installed and there is no discharge to any inlets or overland sheet flow that would result in residue from the water being deposited to hardscape where rain or irrigation would mobilize it to a storm drain. This notification has resulted in 25 separate forms being submitted for discharge events that the IND/IDDE inspector could witness. This regulatory approach has created considerable staff time impacts on the inspector and Program Specialist, however, staff believes this approach and added educational outreach opportunity has yielded positive results. In addition, the City applies this practice to one large business that occupies multiple offices/campuses within the City and has established a process that they notify the Environmental Programs of their planned fire suppression system testing and the volume and location of where this water is to be discharged. Due to staffing levels, the IND/IDDE inspector is unable to be present during all tests, but the discharge locations are reviewed by the Program Specialist and IND/IDDE inspector in advance of the testing discharges.

Fines, Fees, and Cost Recovery

The following is a summary of fines, fees, and cost recovery for remediation of discharges in FY 22-23:

1. Administrative citations: A total of five citations were issued totaling \$3,100. The violations were related to uncontained trash and debris and uncovered waste bins/compactor doors at a large shopping center, and two contractors (three separate incidents) for paint and sediment related discharges.
2. Fees: A total of \$664 in re-inspection fees were issued to the same property owner (Cupertino Village Shopping Center) for two re-inspections to investigate and resolve habitual non-compliance with overflowing and uncontained waste bins and compactors.
3. Cost Recovery (reimbursement of IND/IDDE Inspector and Programs Specialist payroll expenses due to discharge remediation oversight): Eleven incidents totaling \$6,594 as follows:

- Eight separate incidents of hydraulic fluid discharges from failed hoses on waste hauler vehicles (\$5,425)
- Two residential construction-related discharges (\$990)
- One delivery truck hydraulic line failure (\$179)

The City is also a regular participant in the Countywide Program's IND/IDDE AHTG to discuss countywide program strategies. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 22-23 Annual Report for a description of the program.

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))	120
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(1)(b))	20
Discharges resolved in a timely manner (C.5.d.iii.(1)(c))	117

Comments:

IDDE Program Staffing

The City has one IND/IDDE inspector who acts as the primary investigator for reports of threatened or actual stormwater pollution discharges. This inspector has worked for the City for 50 years and has a vast knowledge of the MS4 and outfall locations within the creeks. He has been the City's IND/IDDE inspector for over 15 years and is a tremendous resource to both City staff and the community with the efficiency in which he identifies and resolves discharge incidents. The Program Manager, Specialist, and Community Assistant are also trained and equipped to respond and manage spills and discharges in the absence of the inspector. Reports of discharges, both actual and threatened, are typically responded to within the City's goal of less than 24 hours; however, if a report is received during business hours, the IND/IDDE inspector is immediately dispatched to investigate.

Summary of IDDE Investigations

IDDE investigations are begun through various channels: citizen-reported, inspector-initiated, interdepartmental referral, and outside agency referrals. Of the 120 total discharges investigated, 64 (53%) were citizen-reported, 15 (13%) were inspector-initiated, 29 (24%) were interdepartmental referral, and 11 (9%) were other agency referrals. This data shows that 37% of all IDDEs investigated in FY 22-23 were through proactive City investigation or other City staff observing noncompliant conditions that warranted follow up by the investigator. This reflects effective intra-agency communication and awareness of the importance for stormwater pollution prevention by all City staff.

Unsubstantiated Reports and Inspector Response

The City documents all calls for service requiring a response to investigate any report of a threatened or actual discharge. Of the data compiled in FY 22-23, there were two reports of discharges (threatened or actual) that were determined to be unsubstantiated upon the inspector's investigation.

When a discharge is reported or observed, the inspector's first objective is to prevent and/or limit the discharge from reaching the storm drain system and/or receiving water. In FY 22-23, of all the discharges investigated, 99 (83%) were contained to the surface area and did not enter the storm drain system (either private or the MS4). Of the 20 discharges that did reach the storm drain, 13 (65%) were the result of broken water lines on either public or private land, were public utility lines within the right-of-way, or were conditionally exempt, small residential overspray from landscape sprinklers (the City classifies the residential irrigation over sprays as illegal discharges and works with the homeowner to correct within a timely manner, not exceeding 10 business days). Water line failure discharges are a challenge to prevent since they are subsurface accidental failures of infrastructure that is controlled by another NPDES permitted party (the water utility company). The IND/IDDE Inspector responds to these incidents and ensures BMPs are installed and mitigation/clean-up is completed in a timely manner.

Rationale for Compliance Beyond 10 Business Days

During this reporting period there were two discharges that exceeded the 10 business day compliance period. Summaries of these incidents are as follows:

1. 10534 N. Blaney Avenue (California Water Service)- Underground water line broke and discharged potable drinking water and sediment to the adjacent creek (Junipero Serra Channel) via the MS4. The water purveyor, California Water Service, stopped the discharge within approximately three hours and made necessary repairs, however cleaning of the pavement, catch basin, and main line took 20 business days due to lack of available cleaning equipment. At the time of the receiving water discharge California OES, the WB, and Valley Water were all notified of the discharge. California Water Service was responsible for noticing requirements pursuant to their NPDES permit. Case open for a total of 20 business days.
2. 19501 Stevens Creek Boulevard (California Water Service)- Water leak from underground meter area. Determined to be owned by California Water Company and they were notified of the discharge and the request to repair and install BMPs. IND/IDDE inspector deployed de-chlorination tablets and refreshed them as needed until the break was repaired which took several weeks. The leak was slow and California Water Service had decisions of how to shut off water to make repairs due to dense housing. City's response was immediate, California Water Service was responsible under their separate NPDES permit. Case open for a total of 18 business days.

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))	0
Summary of the enforcement actions taken against mobile businesses during the reporting year (C.5.e.iii.(2)(c)).	
Summary: In FY 22-23 the IND/IDDE Inspector did not have any contacts with mobile businesses operating in the City and there were no complaints of potential or actual discharges reported or observed from mobile sources.	

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 Type¹	Number Inspected²
None (see comment above).	N/A

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

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ▶ 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)
6	1	2	4	204
Comments:				
<p>On August 22, 2022, the Public Works Development Services Division prepared a reminder letter to all site developers and/or owners disturbing one acre or more of soil, hillside projects, and high priority sites to prepare for the upcoming wet season. Prior to the beginning of the wet season (October 1, 2022), the Public Works Engineering Inspector conducted inspections at each site and verified that appropriate and effective BMPs had been implemented. The City's Public Works Engineering Inspector is a Qualified SWPPP Practitioner (QSP), a Certified Erosion, Sediment, and Stormwater Inspector (CESSWI), and a Certified Public Infrastructure Inspector (CPII).</p> <p>In FY 22-23, all regulated project construction sites were inspected monthly or until construction was completed. Monthly inspections were documented and saved in the City's C.6 database which is maintained by the Public Works Engineering Inspector. When potential/actual discharge violations are observed, the Public Works Engineering Inspector requires immediate correction and monitors on-going compliance. The City's IND/IDDE inspector also conducts periodic inspections of these site perimeters and if deficiencies are identified, the inspector will address the issue(s) and coordinate further site oversight with the Public Works Engineering Inspector.</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>				

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	15
Level 2	Written Notice	0
Level 3	Pre-Citation Letter and/or Administrative Citation Fines	0
Level 4	Stop Work Order	0
Level 5	Referral to City Attorney	0
Level 6	Referral to Santa Clara County District Attorney/Regional Water Board	0
Level 7	City Remediation of a Nuisance	0
Total		15

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

	Number
Number of illicit discharges, actual and potential, of sediment or other construction-related materials	0

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

C.6.e.iii.(1)(h) ► Corrective Actions	
Indicate your reporting methodology below.	
<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	19
<p>Comments: Enforcement for potential and/or actual discharges identified during site inspections are investigated and resolved consistent with the Construction Site Control ERP. In FY 21-22, the following violations were identified and resolved by the City's Public Works Engineering Inspector:</p> <ul style="list-style-type: none"> • Erosion Control = 6 • Sediment Control = 11 • Good Site Management = 2 <p>When an actual or potential discharge is observed by the inspector, the construction site project manager is typically given 48 hours to correct the violation. If rainfall is imminent, the responsible person is required to correct the violation immediately. Of the 19 total potential and/or actual discharges that were identified, all 19 were corrected within 10 business days through verbal warning.</p>	

C.6.f.iii ► Staff Training Summary					
Training Name	Training Dates	Topics Covered	Total Number of Inspectors (both municipal and non-municipal staff)		No. of Inspectors in Attendance (both municipal and non-municipal staff)
None	N/A	N/A	N/A		N/A
<p>Comments: There was no regularly scheduled SCVURPPP training provided in FY 22-23 and the inspector did not attend any additional training or continuing education courses.</p>					

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.

Information provided in the tables below are local activities only, please refer to the C.7 Public Information and Outreach section of the SCVURPPP FY 22-23 Annual Report for outreach activities conducted Countywide by the Program.

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
	In partnership with Creek Connections Action Group, City of Cupertino hosts creek cleanup events.	2 cleanup events were held- 2022 Coastal Cleanup Day and 2023 National River Cleanup Day.				
	The City of Cupertino Environmental Programs Staff showcases an Enviroscope, a watershed model, to educate the public on watersheds and pollution prevention.	1 community event at Watershed Day.				

	<p>Grassroots Ecology hosts Community College Field Trips at McClellan Ranch Preserve and Blackberry Farm-Students learned about field techniques in creek science and environmental and ecological implications of different chemical and biological parameters. Students measured water chemistry and learned to identify benthic macroinvertebrates and common riparian vegetation. Lessons also included discussions on water pollution and its effects on ecosystem health. Field trips connected the different activities and imparted students with a big picture understanding of the watershed.</p>	<p>237 students participated.</p>				
	<p>Volunteer Stewardship Events- Grassroots Ecology provides some dedicated events for youth groups such as scouts and the local 4H club. In addition to participating in hands-on restoration activities, they also learn about topics</p>	<p>Events occur throughout the year. 442 volunteers participated.</p>				

	such as soil health, native plants and riparian ecosystems.					
C.7.d. Watershed Stewardship Collaboration	Watershed Day- Watershed Awareness Volunteer Event- Grassroots Ecology hosted Watershed Day in collaboration with the City of Cupertino, Santa Clara Valley Audubon Society, and Friends of the Stevens Creek Trail. A four-hour restoration and educational event where visitors rotated between education stations, bird walks along the creek, and invasive species removal in the meadow.	One event, 119 volunteers.				
	Grassroots Ecology hosts the ongoing Habitat Restoration Project- Volunteers help to improve habitats for wildlife by removing invasive plants and planting native plants. Participants learn about the value of native plants - both the City's	Events occur throughout the year. 447 volunteers participated in public restoration events.				

	open spaces and in their own backyards.					
C.7.e. School-Age Children Outreach	The City hosts a 3rd Grade Education and Field Trip Program. Started in 1995, it continues to be refined to update and incorporate new messages. Students learn about general water and habitat pollution prevention and creek concepts precede the actual creek walk. Cupertino's docents observe what each teacher has spent time in the classroom reviewing to prepare the students for the field trip.	Total participation- Schools hosted:12 Tours: 24 Students: 968				
	High School Youth Stewards program-The Grassroots Ecology Youth Stewards gathered weekly at McClellan for activities and educational discussions revolving around topics such as local watersheds, native flora and fauna, and restoration ecology. Stewards experienced the preserve through active restoration as well as through creative	25 high school students participated.				

	writing/art prompts and scientific observation and analysis.					
	Conducted the 2023 Earth Day Poster Challenge for grades K-8 children	One contest				

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

Is your agency maintaining a website (or referring to a regional website) to provide information on stormwater issues, watershed characteristics, and stormwater pollution prevention approaches?				X	Yes		No
If no, explain:							
Local stormwater point of contact phone number(s)				City of Cupertino Environmental Programs Division-(408) 777-3236			
Local/Regional stormwater website(s)				https://www.cupertino.org/our-city/departments/environment-sustainability/water/stormwater-pollution-prevention			
<p>Outreach:</p> <p>The City has a designated stormwater webpage that includes best management practices to prevent stormwater pollution, regulations for developers and contractors, integrated pest management tips, and watershed education resources. The webpage, resources, and stormwater point of contact are often publicized via the City's social media outlets when promoting events such as creek cleanups.</p>							

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance					
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If no, explain:					
(For FY 22-23 Annual Report only) Provide links to IPM policies or ordinances and IPM standard operating procedures: https://laserficherio-app.cupertino.org/WebLink/Browse.aspx?id=1050482&dbid=0&repo=CityofCupertino					
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 Used ¹					
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					
Active Ingredient Chlorpyrifos	0				
Active Ingredient Diazinon	0				
Active Ingredient Malathion	0				
Pyrethroids (see footnote #2 for list of active ingredients)					
Active Ingredient Type X	0				
Active Ingredient Type Y	0				
Carbamates					
Active Ingredient Carbaryl	0				
Active Ingredient Aldicarb	0				

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.

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				
Diuron	0				
Diamides					
Active Ingredient Chlorantraniliprole	0				
Active Ingredient Cyantraniliprole	0				
Neonicotinoids					
Active Ingredient Imidacloprid	0				
Active Ingredient Acetamiprid	17 fl oz				
Active Ingredient Dinotefuran	0.6 fl oz				
Fipronil	0				
Reasons for increases in use of pesticides that threaten water quality: N/A					
IPM Tactics and Strategies Used:					
<ul style="list-style-type: none"> • Use of non-chemical strategies such as monitoring, applying mulch, manual removal of weeds, using string trimmers along fence lines instead of using chemicals. • Overall chemical use is down in the Grounds and Trees division. • The Trees division has been using wood chips, pre-emergent herbicides, and drip irrigation, which has significantly reduced chemical applications. • Cheetah Pro is now being used instead of RoundUp at most locations. • Chemical use significantly decreased at Blackberry Farm Golf Course, only being applied in July and October 2022. • The pesticide applicator at Blackberry Farm Golf Course treated for Summer Patch and Pink Snow Mold but first tried to scarify and break up the spores, as well as taking cup cutters and moving the infected areas off of the putting green so they could stall the fungicide application. Since the weather wasn't changing, the chemical application had to be made. • Gopher traps are being used at the golf course and no rodenticide has been needed. 					

C.9.b ▶ Train Municipal Employees	
Enter the number of employees that apply or use pesticides (including herbicides) within the scope of their duties.	19
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	24
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%
<p>Type of Training:</p> <p>In addition to regular staff meetings where IPM methodology is conveyed, and ongoing instruction about updating practices for how to use the least amount of product possible to address pest issues, City of Cupertino staff attended the following trainings where IPM methods were addressed:</p> <ul style="list-style-type: none"> • The contracted applicator for Blackberry Farm Golf Course attended the following trainings: 2/2/23 – Golf Course Superintendents Conference & Show – Virtual training on various IPM training seminars 3/1/23 & 3/2/23 – IPM Methods of Turf Management – Cache Creek, CA • Cupertino Grounds and Trees Division Staff attended the following trainings: 8/24/22 - PAPA Zoom Webinar Attendees: 2 3/23/23 – PAPA Seminar – Morgan Hill, CA Attendees: 4 6/7/23 - PAPA Zoom Webinar Attendees: 1 6/13/23 – PAPA Zoom Webinar Attendees: 3 <p>City staff provides ongoing communication throughout the year about updating practices to use the least amount of product possible to control issues.</p> <p>In addition to safety training, IPM methodology is communicated to pest management staff in regular meetings with their supervisors.</p>	

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
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored:</p> <p>The City of Cupertino employs two contractors (one for buildings and facilities and one for the golf course) who have worked for the City for more than ten years. Each contractor reports to one assigned City staff supervisor from whom they are required to obtain staff approval before applying any pesticides and with whom they have regular in-person contact. Monthly pesticide usage reports for any product applied inside or outside of City buildings are reviewed by City Environmental Division staff to provide an additional level of insurance that IPM application restrictions are continually being implemented.</p> <p>The City of Cupertino's IPM Policy and contract specifications require that contractors follow IPM techniques and use pesticides only as a last resort to protect the health and safety of the community.</p> <p>Additionally, contractors are not allowed to use pesticides of concern.</p>			

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 SCVURPPP FY 22-23 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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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.				

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 21-22 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 22-23 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 22-23 Watershed Watch Campaign Final Report included within Section 7 of the Program's FY 22-23 Annual Report.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 22-23 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 22-23, we participated in regulatory processes related to pesticides through contributions to the countywide Program and CASQA. For additional information, see the Regional Report prepared by CASQA.

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 2022-23 Annual Report.

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, etc.). 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 2022-23 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 Measure Update Report attached to the Program's FY 2022-23 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 Program's Old Industrial Area Control Measure Update Report attached to the Program's FY 2022-23 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 2022-23 Annual Report.

C.11.g ► Fate and Transport Study of Mercury: Urban Runoff Impact on San Francisco Bay Margins

Submit a workplan describing how information needs for the mercury discharge from urban runoff studies will be obtained and describe the studies to be performed with a preliminary schedule. Report on the status of the studies in the FY 22-23 Annual Report.

Summary:

See the Program's FY 22-23 Annual Report for the workplan.

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 2022-23 Annual Report.

Cupertino utilizes the Santa Clara County Household Hazardous Waste (HHW) Program for its residents to safely dispose of HHW including mercury-containing products. In FY 22-23, the County's HHW Program served a total of 37,869 Santa Clara County residents and collected a total of 2,581,561 pounds of hazardous waste which was managed safely and legally. In addition, the County's CESQG program served 317 small business drop-offs including local governments and community donation centers such as Goodwill Industries and the Salvation Army. The CESQG program brochure is also mailed out to Cupertino businesses with the annual IND letters and distributed as needed during the IND inspections. These brochures are provided to identify a resource for mercury-containing universal waste disposal options that small business owners may not know is available to them at a very low cost. Mercury-containing products collected through the County's HHW collection program in FY 22-23 included:

- Total fluorescent lamps collected – 75,223 pounds
- Total household batteries collected – 168,450 pounds
- Elemental Mercury - 230 pounds (includes thermostats, thermometers, and other products)

The City's franchised waste hauler, Recology, also offers residents options to dispose of mercury containing products. Cupertino residents are encouraged to place household batteries and CFLs in a clear, sealed plastic bag on top of their curbside recycling containers for pickup on their regularly scheduled waste and recycling collection day. In addition, the City and Recology also annually host quarterly free Universal waste drop-off events at De Anza College in Cupertino to encourage residents to drop-off mercury-containing used fluorescent bulbs, U-Waste, and E-Waste for recycling. All four events were held in FY 22-23. Mercury-containing products collected through these City coordinated services include:

- Total fluorescent lamps collected: 1,812 pounds
- Total household batteries collected: 7,393.5 pounds
- Total E-Waste collected: 41,434.5 pounds

Section 12 – Provision C.12 PCBs Controls

C.12.a ► 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.

Summary:

See the Program's Mercury and PCBs Control Measures Update Report attached to the Program's FY 2022-23 Annual Report.

C.12.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, etc.). 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 2022-23 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 Measure Update Report attached to the Program's FY 2022-23 Annual Report.

C.12.c ► 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 2022-23 Annual Report.

C.12.d.iii (1), (2), (3) ► Program for Controlling PCBs from Bridges and Overpasses

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 2022-23 Annual Report for a description of the Caltrans specification.

Submit an inventory of bridges in the program area that includes bridge ownership and the bridge roadway replacement schedule.

See the Program's FY 2022-23 Annual Report for the inventory of bridges and overpasses in the Santa Clara Valley, including ownership and replacement schedule.

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 2022-23.

C.12.e.iii (1), (2), (4) ► Program for Controlling PCBs from Electrical Utilities

[Note: Applicable only to municipalities that own electrical utilities]

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

		Yes	X	No
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Submit the estimated PCBs loads avoided (along with supporting documentation) resulting from the removal of municipally owned PCBs-containing oil-filled electrical equipment (OFEE) through maintenance programs and system upgrades for the period 2002 to the beginning of this permit term (2023).

Summary:

See the Program's FY 2022-23 Annual Report for the estimated PCBs load avoided in FY 2002–23.

Submit a description of the improved spill response and reporting practices implemented by municipally owned electrical utilities.

Summary:

See the Program's FY 2022-23 Annual Report for a description of the improved spill response and reporting practices.

Submit a summary of the actions undertaken during the FY 22-23 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 Program's FY 2022-23 Annual Report for a summary of maintenance programs and system upgrades that removed PCBs-containing OFEE from municipally-owned electrical utilities and loads avoided.

C.12.g ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities

Permittees seeking exemption from Provision C.12.g requirements based on lack of application structures must submit documentation, such as historic maps or other historic records, that clearly demonstrates that the only structures that existed pre-1980 were single-family residential and/or wood-frame structures.

Did your agency obtain an exemption from Provision C.12.g requirements?

	Yes	X	No
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Discuss enhancements to construction site control programs to minimize migration of PCBs from demolition activities into the MS4.

Summary:

See the Program's FY 2022-23 Annual Report for enhancements to site control programs.

Provide the following text here:

See the Program's FY 22-23 Annual Report for:

- Documentation of the number of applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for during the reporting year;
- A running list of the applicable structures 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;
- 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
- 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.

C.12.i ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

Submit a workplan describing how information needs for the PCBs discharge from urban runoff studies will be obtained and describe the studies to be performed with a preliminary schedule. Report on the status of the studies in the FY 22-23 Annual Report.

Summary:
See the Program's FY 22-23 Annual Report for the workplan.

C.12.j ► 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 2022-23 Annual Report.

Section 13 – Provision C.13 Copper Controls

C.13.a.iii (1), (2), (3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?	X	Yes		No
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Summary:
 The City has adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs under sections 9.18.040 and 9.18.210(4)(M) of the Cupertino Municipal Code.

Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:
 In addition to Building Division Plan Check Engineers, the Environmental Programs Division, Program Specialist and Program Technician also review plans for new and redeveloped commercial and residential projects. Projects are reviewed for use of architectural copper and will not be approved. Should architectural copper be identified during the review, the applicant is required to use an alternate material. It is infrequent to see architectural copper included in a project and no incidents were identified where architectural copper was used on a project that was submitted for building permit review in FY 22-23.

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:
 The City has a municipal code prohibition against copper roofing related materials and ornamental copper for exterior use where oxidation and runoff may occur. New construction and remodeling plan review staff in the Planning, Building, Public Works Development, and Environmental Programs Divisions are all trained in the municipal code prohibition of architectural copper applications. The City developed standard Conditions of Approval (COA) specifically prohibiting the installation and use of copper roofs, gutters, downspouts, and other architectural features. Project applicants are provided with the COA and must sign their acknowledgement of the copper restrictions. These requirements pertain to both residential and non-residential projects being reviewed. In cases where copper was installed prior to municipal code or MRP regulation, the City works with the property owner to remove or replace the copper with an alternative material. If that cannot be accomplished, the City requires the copper to be properly coated and sealed to ensure the copper is appropriately weatherized to prohibit discharging during rain events. Installation of drainage from copper materials to a stormwater treatment facility such as an infiltration device/structure is also considered as a potential method of mitigation.

C.13.b.iii (1), (2), (3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?	X	Yes		No
<p>Summary: The City has adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs under sections 9.18.040 and 9.18.210(4)(M) of the Cupertino Municipal Code.</p>				
<p>Report how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.</p>				
<p>Summary: Pool, spa, and fountain discharge outreach materials are provided to the community through our partnership with the SCVURPPP My Watershed Watch program and by City staff at various community events. Literature and discussion are directed toward identifying the sources of copper runoff and discharges (e.g., pool, spa, fountain, car washing) and encouraging copper-containing water discharges to landscaped areas with sufficient capacity to absorb all released water, taking care to prevent overflow. For instances where there is a pool or spa that needs to be drained, residents are instructed to contact the Cupertino Sanitary District to obtain permission to discharge the water to the sanitary system clean-out if the property lacks landscaped areas or the landscaping is of insufficient size.</p>				
<p>Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				
<p>Summary: In FY 22-23, there was one reported IDDE discharges of pool, spa, and fountain water as follows: The City received a report that of diatomaceous earth in the gutter in front of a residence. The IND/IDDE inspector responded and contacted the homeowner who admitted to rinsing out the pool filter in the street. Homeowner was admonished and provided education. The homeowner was instructed to clean the gutter flow line and the City removed the small amount that entered that catch basin.</p>				

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

<p>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.</p>
<p>Summary: The City of Cupertino does not currently have industries such as electroplating, semiconductor manufacturing, or metal finishing which all possess the potential for copper related discharges through their operations. Through the IND program all business facilities inspected have roof downspout discharge areas inspected for any copper depositions that would indicate rain, dense water vapor (fog) or HVAC condensate are discharging copper leachate from rooftop equipment. Of all facilities inspected through the IND program in FY 22-23, there were no copper discharges identified from rooftop equipment.</p>

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

C.14.a.i. Municipal Operations Bacteria Control [Note: Applicable only to the Cities of Mountain View and Sunnyvale]
Describe the BMPs, frequency and location for actions taken to reduce bacteria sources related to municipal operations.
Does not apply to City of Cupertino.

C.14.a. ii. Industrial/Commercial Site Bacteria Control and Illicit Discharge Detection and Elimination [Note: Applicable only to the Cities of Mountain View and Sunnyvale]
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.
Does not apply to City of Cupertino.

C.14.a.iii. ► Control of Bacteria Sources Related to Unsheltered Homeless Populations [Note: Applicable only to the Cities of Mountain View and Sunnyvale]
Describe the BMPs, numbers or frequency (as applicable), and locations of actions taken to reduce bacteria discharges from areas inhabited by unsheltered persons
Does not apply to City of Cupertino.

C.14.a. iv. Pet and Livestock Bacteria Source Control [Note: Applicable only to the Cities of Mountain View and Sunnyvale]
Describe the BMPs, numbers or frequency (as applicable), and locations of actions taken to reduce bacteria from domestic animal sources.
Does not apply to the City of Cupertino.

C.14.a. v. Public Outreach on Bacteria Source Control [Note: Applicable only to the Cities of Mountain View and Sunnyvale]
Describe the outreach messages, methods of delivery, audiences, and number of repetitions.

Does not apply to the City of Cupertino.

C.14.a.vi. ► Coordination with Sanitary Sewerage System Entities [Note: Applicable only to the Cities of Mountain View and Sunnyvale]

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

Does not apply to the City of Cupertino.

C.14.a.vii. ► Prioritize Trash Removal to Control Bacteria Sources [Note: Applicable only to the Cities of Mountain View and Sunnyvale]

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.

Does not apply to the City of Cupertino.

C.14.a.viii. ► Water Quality Monitoring [Note: Applicable only to the Cities of Mountain View and Sunnyvale]

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.

Does not apply to the City of Cupertino.

C.14.c.i.(3) ► Control Measures to Achieve Indicator Bacteria Wasteload Allocations [Note: Applicable only to the City of San Mateo]

Summarize the actions taken to satisfy the requirements in Provision C.14.c.i.(2) during October 1, 2022 through September 30, 2023 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.

Quantitatively and qualitatively evaluate the effectiveness of the City's actions toward wasteload allocation attainment and modify or refocus control measure implementation efforts as appropriate.

Does not apply to the City of Cupertino.

C.14.c.ii.(3) ► Phase II Measures [Note: Applicable only to the City of San Mateo]

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.

Does not apply to the City of Cupertino.

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

C.15.b.iii.(3) ► 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 are underway to address these two tasks in the BAMSC Regional Firefighting Discharges Work Group. Refer to the Program's FY 22-23 Annual Report for a summary of the Work Group's two meetings held this FY and progress towards development of the Regional BMP Report. We anticipate fully implementing these tasks with guidance provided in the Regional BMP Report. We are evaluating how to implement these tasks internally and are providing input for the Regional Report through participation in the SCVURPPP IND/IDDE AHTG [and the BAMSC Work Group, if applicable].

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:

Promotion of Conservation Programs

The City continues its partnership with Grassroots Ecology (Acterra) and the Parks and Recreation staff to promote several volunteer-based conservation programs such as the Habitat Restoration Project, Garden and Pesticide Alternatives, Helping Hands Cleanup, and more. Volunteers spend their time at two City facilities along Stevens Creek (Blackberry Farm Recreational Area and McClellan Ranch Preserve) removing invasive vegetation and re-planting native plants. Volunteers add mulch to the landscape to prevent pests and invasive weeds. Native plant seeds are collected during these events for later use. The goal of these projects is to improve the habitats for local wildlife and conserve native vegetation. In FY 22-23 two Environmental Programs Division staff hosted a table at World Water Monitoring Day where they demonstrated stormwater pollution prevention strategies by using the Enviroscape watershed model. This event was held at McClellan Ranch Preserve on the banks of Stevens Creek.

Promotion of Outreach for Less Toxic Pest Control and Landscape Management

Cupertino is one of many Santa Clara County jurisdictions that participates and promotes the My Watershed Watch educational campaign. The purpose of My Watershed Watch is to create public awareness on water pollution prevention by informing the public how typical everyday activities can lead to water pollution and what can be done to prevent it. Cupertino promotes many of My Watershed Watch outreach materials such as Less-Toxic Pest Control for Multi-Unit Properties, Trash Resources & Pathways to Urban Creeks, 10 Most Wanted Bugs and many other less-toxic pest control related materials during events and in displays at the Senior Center, City Hall, and Quinlan Community Center. Each year the City Arborist, the Public Works Grounds Supervisor, Parks Supervisor, and the City's facilities pest control contractor and golf course superintendent contractor sign and agree to follow the City's Integrated Pest Management Policy. This commitment to use natural pest control methods, pesticides only as a last resort, and least-toxic pest control available, serves as the basis of the City's IPM policy. City Public Works staff and the two contractors also participate in several pest control trainings held by the County, the City, and other organizations.

Climate Victory Gardens

For a limited time, Cupertino residents, multi-family properties and non-profit organizations had the opportunity to apply for expert technical assistance to install a Climate Victory Garden that conserves water and reduces carbon emissions. The City partnered up with landscaping experts Ecology Action to offer this pilot program, with the intent to expand beautiful climate-friendly gardens throughout Cupertino. The Cupertino Climate Victory Garden program is a direct-install Turf-to-Native Garden program that helps customers replace turf with a California friendly, low water-use landscape. The Program is fully subscribed and temporarily on pause.

Rainwater Capture Rebate Program/Promotion of Drought Tolerant and Native Vegetation

The City is using a portion of the Clean Water and Storm Protection fee moneys to match rebates by Valley Water for installation of rain barrels, cisterns, rain gardens, and drought tolerant landscape conversion. Interested Cupertino residents can work directly with Valley Water for rebate assistance. The City of Cupertino encourages its residents to plant drought tolerant vegetation by promoting Valley Water's Landscape Rebate Program on the City website and at local events. The City contributes an additional \$1.00 per square foot to the rebates for Cupertino residents who replace their lawn with approved drought tolerant plants listed in SCVWD's Plant List.

Composting

The City of Cupertino offers free bulk compost to all Cupertino residents at two different sites: Stevens Creek Quarry and Sunnyvale's SMaRT station. The compost is made from residential food scraps and yard waste collected from Cupertino's organics recycling program. The Cupertino giveaway site operates between March and October on Friday and Saturday mornings and Cupertino residents can pick up OMRI certified compost for their home gardening use. Compost helps reduce the amount of chemical pesticides needed for residential landscaping and maintains moisture leading to less watering and potentially, less run off from overwatering. Residents also have the opportunity to attend free home composting workshops hosted by the County. After attending a workshop, Cupertino residents qualify for a free home composting bin from the City to create their own compost generated from yard trimmings and food scraps.

Outreach Messaging to Encourage Prevention of Small Volume Irrigation Runoff

The City does not permit landscape irrigation runoff. One piece of outreach material used by City staff for information on best practices for water is the Bay-Friendly Landscape Guidelines. This publication is also distributed to local businesses that may have over-watered their landscaping. Outreach materials for residents are distributed at local events, on display in City Hall, and located online at www.cupertino.org.

Promotion of Water Conservation

The City promotes many water conservation programs, including "Graywater, Laundry to Landscape", where the City has partnered with the Valley Water to offer \$400 to Cupertino residents who install qualifying Laundry to Landscape systems in their homes.

Enforcement Response Plan for irrigation runoff

The City does not permit non-stormwater discharges to enter the storm drain system, including large volume landscape irrigation runoff. The municipal code regulates landscape irrigation runoff and enforcement is conducted through the City's IDDE program. Discharging high volume landscape irrigation runoff is a violation for the water discharge, but also includes scouring and sediment that transport nutrients and other POCs found in roadways and other hardscaped areas to the storm drain system. IDDE inspectors pursue resolution of the discharge with the property owners and property managers in both residential and commercial settings consistent with the IND/IDDE Enforcement Response Plan. These discharges are tracked in the IDDE database. In addition to the discharge violation for irrigation runoff, property owners/managers are also educated on water conservation best practices. An educational door hanger is used for incidents of smaller, residential landscape overspray where water is observed in the gutter, but the specific source of the discharge is not able to be positively identified for direct follow up. Door hangers are left by the IND/IDDE inspector at residences in the vicinity of the wet gutter.

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

C.17.a.iii.(1) ► Regional Best Management Practice Report

(For FY 22-23 Annual Report only) Collectively submit, acceptable to the Executive Officer, a best management practice report as described in Provision C.17.a.i.(2)

Summary:

See the Regional BMP Report submitted by BAMSC on behalf of all MRP Permittees to the Water Board Executive Officer and included in the Program's FY 22-23 Annual Report.

C.17.a.iii.(2) ► BMP Implementation and Effectiveness Evaluation

(For FY 22-23 and FY 24-25 Annual Reports only) Submit a map identifying the approximate location(s) of unsheltered homeless populations within your jurisdiction, including homeless encampments and other areas where other unsheltered homeless people live.

Summary:

A map showing the count of unsheltered populations by census tracts in relation to storm drain inlets and existing streams, rivers, flood control channels, and other surface water bodies within our jurisdiction is included in Appendix 17-1. The map was developed using the point-in-time survey count data provided by the County of Santa Clara. Due to privacy and safety concerns, the County did not provide location data below the census tract level for this publicly available report.

The point-in-time survey count reflects the on-the-ground reality of the few days the count was done. The maps aren't designed or meant to be an accurate real-time count of the total number of people experiencing homelessness and where they are, as the unhoused community frequently moves, shrinks as people connect to housing services, and grows if others fall into the homelessness experience.

The City has created an internal City working group, the Unhoused Task Force which is comprised of several City staff that have intervention with the unhoused in Cupertino which meets weekly. This group consists of a Deputy City Manager, Public Works Director, Planning Division Housing Manager, Building Official, and the Environmental Programs Specialist. It also included representatives of the County of Santa Clara Office of Supportive Housing (OSH); however, beginning in FY 23-24, they no longer attend the weekly meetings, but are actively engaged in site visits to the homeless encampments and vehicle parking areas as they become known to the City. Both the public and City staff are encouraged to report unhoused individuals and groups through the City's 311 web application. The City relies on the County OSH staff to conduct the outreach to the unhoused clients to determine housing and personal needs solutions. This information is fed back through the City's Homeless Task Force and discussed for any next steps. Due to the sensitive nature of these meetings, information is limited and discussed with other staff on a need to know basis only.

(For FY 22-23 and FY 24-25 Annual Reports only) Report on the best management practices being implemented and include the effectiveness evaluation reporting required in Provision C.17.a.ii.(3) and additional actions or changes to existing actions that the Permittee will implement to improve existing practices.

Summary:
 As estimated by the Santa Clara County 2022 Point-in-Time (PIT) count, the City of Cupertino has a total unsheltered population of roughly 102. This number includes a count of unsheltered homeless sleeping outdoors on the street, at bus and train stations, in parks, tents, and other make-shift shelters, and in vehicles and abandoned properties. At the time the 2022 PIT count was conducted, these unsheltered individuals were observed in the following census tracts within the City of Cupertino boundary– 5077.05, 5078.05,5078.07, 5077.01, 5078.06, 5081.01, 5080.05, and 5080.06. These census tracts include areas (e.g., city streets, parks) that are under our jurisdiction, and other areas (e.g., freeways, expressways, creeks) that are not under our jurisdiction. We coordinate with the County of Santa Clara Office of Supportive Housing, and West Valley Community Services to provide BMPs and support services to unsheltered populations located within our jurisdiction. For unsheltered populations located in areas that are not under our jurisdiction, we inform the agency that has jurisdiction over the area when unsheltered populations are observed.

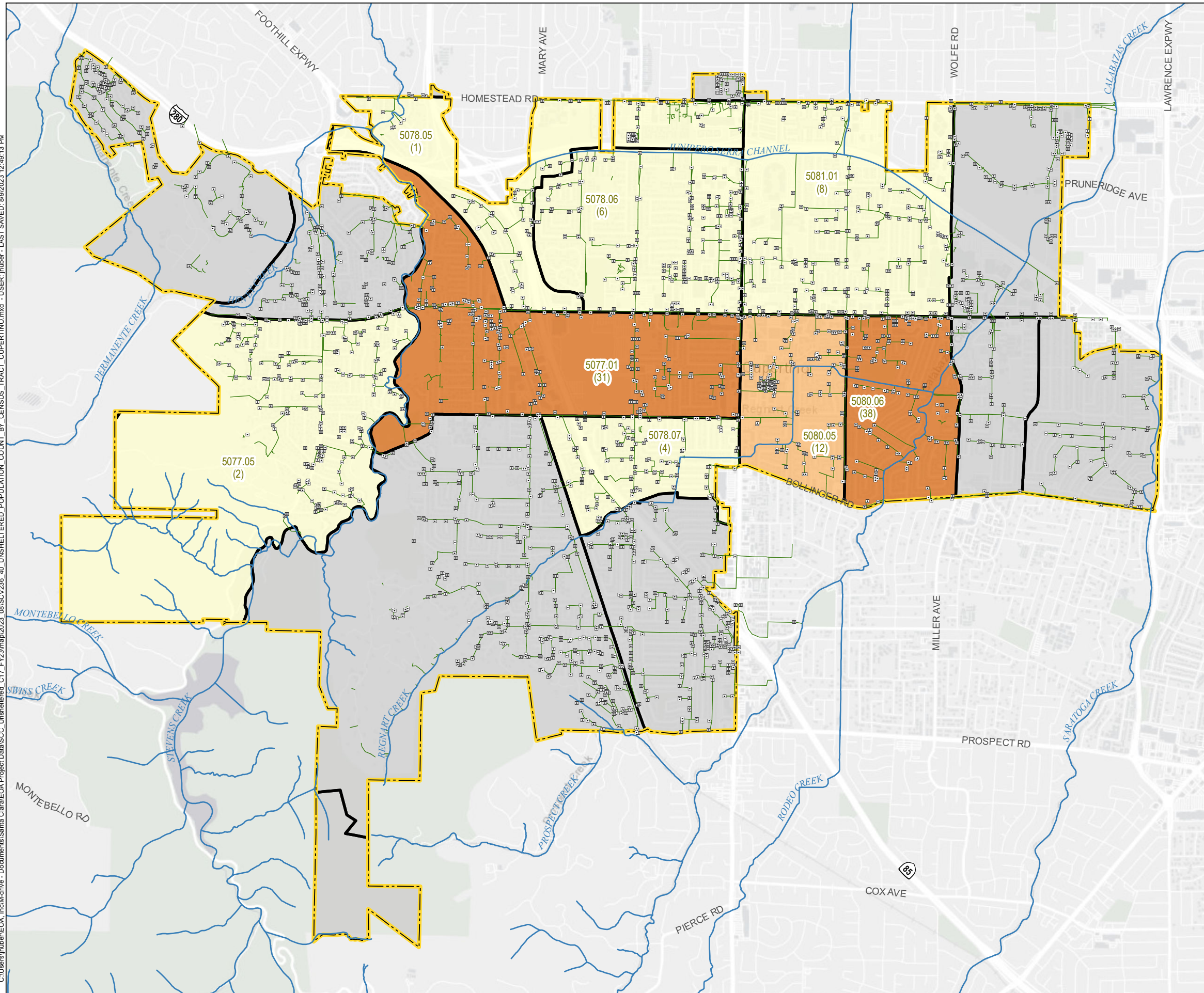
The City of Cupertino implements the following best management practices (BMPs) and programmatic efforts to address non-stormwater discharges from unsheltered populations located within our jurisdiction.

BMP/Programmatic Effort	Effectiveness Evaluation	Changes Planned
<p><u>Trash collection and disposal</u> - We provide dumpsters/trash cans as needed at encampments. In addition, public trash cans are available at all parks and in most public areas.</p>	<p>Public trash cans are routinely emptied and we did not capture quantitative data of pounds of trash collected from encampments.</p> <ul style="list-style-type: none"> Trash receptacles were provided by the City through the waste hauler but in general, they were not fully utilized. 	<ul style="list-style-type: none"> No changes are currently planned. The City currently has a small number of encampments and they are monitored by OSH and the City IDDE inspector. If trash accumulation is observed, receptacles may be provided.

BMP/Programmatic Effort	Effectiveness Evaluation	Changes Planned
<p><u>Encampment cleanups</u> – the City conducts homeless encampment cleanups only as a last resort and conforming with all State and Federal laws. When clean ups are conducted, Tucker Construction is under a master service agreement to perform the with assistance from OSH, the Santa Clara County Sheriff's Office, Code Enforcement, and the IDDE inspector.</p>	<p>In FY 22-23 we conducted one small cleanup of a sidewalk area approximately 10' X 6' and the weight of trash was not obtained, but was very minor. Most material left behind after relocation of the single occupant was stored in accordance with State and Federal law.</p>	<p>We plan to continue conducting trash cleanups as needed.</p>
<p><u>Safe parking for RVs and/or individuals living in cars</u> - We do not offer safe parking areas in the City.</p>	<p>Not applicable.</p>	<p>The City will continue to look for opportunities in nearby jurisdictions for safe parking vehicle areas.</p>
<p><u>Portable toilets and handwashing stations</u> - We provide portable toilets and handwashing stations at encampments/as-needed.</p>	<p>Currently, we are not providing portable toilets/handwashing stations at no locations. We are not able to provide these facilities at all locations due to site/space constraints, vandalism, etc.</p>	<p>We plan to continue to offer this BMP as-needed.</p>
<p><u>Shower and laundry facilities</u> – The City does not provide shower or laundry services/facilities.</p>	<p>Not applicable.</p>	<p>This service will be considered on an as needed basis.</p>
<p><u>Coordination with Santa Clara County Office of Supportive Housing</u> - We coordinate with the Santa Clara County Office of Supportive Housing and the Continuum of Care (CoC) Program to provide housing to unsheltered</p>	<p>The previously described City Homeless Task Force is in regular contact with OSH and in FY 22-23 they were participating in this group. They remain a valued partner, however, are unable to continue regularly participate in this internal City working group.</p>	<p>We will continue to coordinate with the County to offer housing services to unsheltered individuals.</p>

BMP/Programmatic Effort	Effectiveness Evaluation	Changes Planned
<p>individuals. We have a process in place to refer unsheltered populations to the County's supportive housing system. Additional efforts include funding to West Valley Community Services for support of unsheltered populations.</p>		
<p><u>Funding Initiatives</u> - We use funds from the following sources to provide supportive services:</p> <ul style="list-style-type: none"> • Community Development Block Grants • Funds approved by the City Council to provide assistance to unsheltered • Local development housing mitigation fees 	<p>The City receives variable funding annually from Community Development Block Grants which used in part for the Below Market Rate Housing program. Housing mitigation fees provide approximately \$50,000 to Project Sentinel. The City funding (Human Services Grant) is \$125,000 is also used to fund low income and at-risk housing individuals through various programs.</p>	<p>It is expected these funding sources will remain in the near future.</p>
<p><u>Coordination with Non-profit organizations</u> - We provide funding to the following non-profits for providing supportive services to unsheltered populations:</p> <ul style="list-style-type: none"> • Habitat for Humanity • West Valley Community Services • Haven to Home • MATRI • Project Sentinel 	<p>We provided the following services to unsheltered individuals in partnership with local non-profits:</p> <ul style="list-style-type: none"> • Referred individuals/families to housing and other supportive services • Referred individuals to housing resources 	<p>We will continue to partner with local non-profits to offer services to unsheltered homeless populations.</p>
<p><u>Internal Coordination</u> - Stormwater staff coordinate efforts with the following departments to inform other staff about stormwater requirements and BMPs that help reduce stormwater discharges from unsheltered populations, and offer support services to unsheltered populations:</p> <ul style="list-style-type: none"> • City Manager's Office • Public Works Department • Police Department • Social services 	<p>The City's Homeless Task Force is a multi-disciplinary working group that meets weekly to review public reports of unsheltered population movement and encampments. OSH is included in the group as a external support and they provide boots on the ground contact with the unsheltered to determine their desire for housing, establish trust and to offer other assistance and linkage to other resources.</p>	<p>We will continue to coordinate with other departments to offer support services to unsheltered individuals.</p>

BMP/Programmatic Effort	Effectiveness Evaluation	Changes Planned
<ul style="list-style-type: none"> Housing 		
<p>Standard Operating Procedures on how to respond to illicit discharges from encampments and/or RVs, including cleaning storm drains and addressing human waste discharges.</p>	<p>Not available.</p>	<p>To be developed in FY 23-24</p>



LEGEND

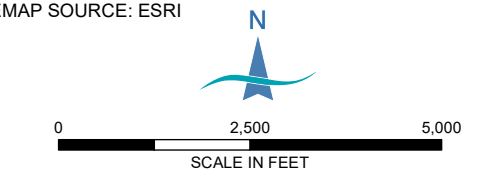
- STORM DRAIN INLET
- STORM DRAIN PIPELINE
- CREEK
- ▨ NON-JURISDICTIONAL AREA
- ▭ CITY BOUNDARY
- ▭ CENSUS TRACT


UNSHeltered POPULATION COUNT BY CENSUS TRACT, WITH CENSUS TRACT ID

- ▭ NONE
- ▭ >1 TO ≤10
- ▭ >10 TO ≤20
- ▭ >20 TO ≤30
- ▭ >30 TO ≤40
- ▭ >40

NOTES

1. THE TOTAL ESTIMATED UNSHELTERED POPULATION IN THE CITY OF CUPERTINO IS **102** BASED ON THE 2022 POINT-IN-TIME COUNT. THE TOTAL COUNT SHOWN ON THE MAP MAY BE SLIGHTLY DIFFERENT THAN THIS TOTAL COUNT REPORTED BECAUSE OF ESTIMATES MADE WITH AVAILABLE DATA FOR COUNTS ASSOCIATED WITH INDIVIDUAL CITIES WHEN CENSUS TRACTS CROSSED CITY BOUNDARIES.
2. UNSHELTERED POPULATION COUNT BY CENSUS TRACT DATA SOURCE: *POINT-IN-TIME REPORT ON HOMELESSNESS CENSUS AND SURVEY RESULTS* PREPARED BY SANTA CLARA COUNTY, 2022
3. AS DEFINED BY SANTA CLARA COUNTY, UNSHELTERED PERSONS ARE INDIVIDUALS OR FAMILIES WITH A PRIMARY NIGHTTIME RESIDENCE THAT IS A PUBLIC OR PRIVATE PLACE NOT DESIGNED FOR OR ORDINARILY USED AS A REGULAR SLEEPING ACCOMMODATION FOR HUMAN BEINGS, INCLUDING A CAR, PARK, ABANDONED BUILDING, BUS OR TRAIN STATIONS, AIRPORT, OR CAMPGROUND.
4. FREEWAYS, EXPRESSWAYS, AND MANY RECEIVING WATER SEGMENTS ARE OUTSIDE OF THE CITY OF CUPERTINO'S JURISDICTION.
5. CENSUS TRACTS MAY NOT ALIGN WITH JURISDICTIONAL BOUNDARIES. UNSHELTERED POPULATION COUNTS ARE APPROXIMATE.
6. BASEMAP SOURCE: ESRI




CUPERTINO, CALIFORNIA

CITY OF CUPERTINO
 LOCATION AND COUNT OF
 UNSHELTERED POPULATION BY
 CENSUS TRACT

SEPTEMBER 2023

Calculated Density of Unsheltered Population Counts by Census Tract

Census Tract	Area in Acres	Area in Square Miles	Unsheltered Population	Unsheltered Density (Count/Square Mile)
5080.05	260	0.41	12	30
5080.06	300	0.47	38	81
5078.07	231	0.36	4	11
5078.06	465	0.73	6	8
5081.01	613	0.96	8	8
5078.05	384	0.60	1	2
5077.01	653	1.02	31	30
5077.05	999	1.56	2	1
Total			102	