

CITY OF CUPERTINO

# Urban Runoff Management Program



*Dan Barone, Cupertino Maintenance Worker II in Public Works  
who runs the City's daily storm drain cleaning and maintenance operations,  
cleans a full trash capture device and inlet using the City's new vac truck in March 2022*

## Annual Report FY 2021-2022



## ENVIRONMENTAL PROGRAMS DIVISION

CITY HALL  
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September 30, 2022

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 2021-2022 Annual Report

Dear Ms. White:

This letter and Annual Report with attachments is submitted by the City of Cupertino pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, 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 Annual Report provides documentation of activities conducted during Fiscal Year (FY) 2021-2022 and consists of the following:

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

Due to the COVID-19 pandemic, the statewide shelter-in-place Executive Order N-33-20 issued by Governor Newsom in March 2020, and the Order of the Health Officer of Santa Clara County, SCVURPPP members notified Dr. Tom Mumley and Keith Lichten of your staff on April 1, 2020 that they anticipated not being able to address certain MRP 2.0 requirements or reporting provisions during the public health crisis.

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

### City Highlights

Cupertino offers rebates to homeowners of single-family residences and duplexes considering installation of pervious pavement options for driveways and hardscape. After minimal interest was generated for pervious pavement projects, in 2021 the rebate was doubled, and one residential driveway project was completed and approved. Cupertino also partners with Valley Water to increase rebates for rain gardens and rain barrel installations, which are co-promoted through the City's pilot "Climate Victory Garden" project. That project enables rebate-driven installations of drought-tolerant lawn conversions. Meanwhile, to enable more efficient cleaning of drain inlets, as well as assist with other needs within Public Works, in 2022 Cupertino purchased a brand-new vac truck. Previously the City had borrowed and rented trucks for the biannual drain inlet cleanings and maintenance, causing the work to be compressed into a short time and pulling staff from other divisions. This new vehicle allows for continuous ongoing cleaning operations of the City's storm drain system.

Outreach events, nature camps, and other education programs started to return in 2021-2022 after being severely impacted by covid. Parks and Recreation Department staff at McClellan Ranch Preserve re-started the 3<sup>rd</sup> Grade Creek Education Field Trips in 2021-2022, although new staffing shortages are presenting additional challenges and work must be done to preserve this beloved local program into the future. IDDE response continued throughout the shutdown, and staff continued to employ safety protocols.

With MRP 3.0, Cupertino will continue 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](mailto: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 2021-2022 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:**

A handwritten signature in black ink that reads "Matt Morley". The signature is written in a cursive style and is positioned above a horizontal line.

Matt Morley  
Director of Public Works

September 30, 2022

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Section 1 – Permittee Information

SECTION I. BACKGROUND INFORMATION

Background Information			
<b>Permittee Name:</b>	City of Cupertino		
<b>Population:</b>	60,557 <sup>1</sup>		
<b>NPDES Permit No.:</b>	CAS612008		
<b>Order Number:</b>	R2-2015-0049		
<b>Reporting Time Period (month/year):</b>	July 2021 through June 2022		
<b>Name of the Responsible Authority:</b>	Matt Morley	<b>Title:</b>	Director of Public Works
<b>Mailing Address:</b>	10300 Torre Avenue		
<b>City:</b>	Cupertino	<b>Zip Code:</b>	95014
		<b>County:</b>	Santa Clara
<b>Telephone Number:</b>	408-777-3354	<b>Fax Number:</b>	408-777-3333
<b>E-mail Address:</b>	<a href="mailto:mattm@cupertino.org">mattm@cupertino.org</a>		
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Ursula Syrova	<b>Title:</b>	Environmental Programs Manager
<b>Department:</b>	Public Works Department, Environmental Programs Division		
<b>Mailing Address:</b>	Cupertino City Hall, 10300 Torre Avenue		
<b>City:</b>	Cupertino	<b>Zip Code:</b>	95014
		<b>County:</b>	Santa Clara
<b>Telephone Number:</b>	408-777-7603	<b>Fax Number:</b>	408-777-3333
<b>E-mail Address:</b>	<a href="mailto:ursulas@cupertino.org">ursulas@cupertino.org</a>		

<sup>1</sup> Population derived from: <https://dof.ca.gov/forecasting/demographics/estimates/e-5-population-and-housing-estimates-for-cities-counties-and-the-state-2020-2022/>

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

In FY 21-22, the City retained a third-party consultant (Keish Environmental Consulting) to conduct the MRP-required annual Municipal Service Center (MSC) inspection. For several previous years this had been performed by the City's Environmental Programs Specialist. As a second phase of the inspection, the consultant provided a training to 18 Lead MSC and Public Works Department staff which addressed topics of general BMPs/housekeeping and also conducted specific discussion based on results of the annual MSC inspection. This training was a combination classroom/slide presentation and a hands-on activity for staff in spill awareness, containment, and remediation.

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.

<b>Y</b>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<b>Y</b>	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.
<b>Y</b>	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

In FY 21-22 the City continued its robust program of roadway paving, sidewalk repair, and right-of-way accessibility improvements and accomplished the following:

1. 41,776.25 SF of sidewalk sections replaced
2. 16,552.85 SF of driveway sections replaced
3. 14 ADA curb ramps installed
4. 6.3 miles of street paving repairs
5. 3 miles of street asphalt overlay

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 wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:  
 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.



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

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

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
NA	Control of discharges from graffiti removal activities
NA	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
NA	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

The City did not perform any bridge work over or near any water bodies in FY 21-22. Graffiti removal throughout the City is generally very minor and as a whole, the City does not experience significant graffiti on either public or private property. 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.

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural <sup>1</sup> roads:	
<input checked="" type="checkbox"/> Y	Yes
<input type="checkbox"/> No	
If your answer is <b>No</b> then skip to <b>C.2.f.</b>	
Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
<input checked="" type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/> NA	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/> NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/> NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/> NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/> NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/> NA	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
<p>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.</p>	

<sup>1</sup>Rural 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.

C.2.f. ► Corporation Yard BMP Implementation	
Place an <b>X</b> in the boxes below that apply to your corporations yard(s):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

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 21-22, the sludge collector was serviced once. The MSC staff conduct regular inspections to ensure continued efficiency and proper capture of solids and effluent. An inspection checklist is included in the City's SWPPP. 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. This berm was identified during the annual MSC inspection this year as having a gap that could potentially allow a discharge to leave the containment pad. An extension of the rubber berm was installed and that potential discharge situation was resolved.

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 21-22, the City retained Keish Environmental Consulting to perform this inspection to maximize objectivity and transparency with this inspection. 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, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

<b>Corporation Yard Name</b>	<b>Corp Yard Activities w/ site-specific SWPPP BMPs</b>	<b>Inspection Date<sup>2</sup></b>	<b>Inspection Findings/Results</b>	<b>Date and Description of Follow-up and/or Corrective Actions</b>
Municipal Service Center (MSC)	General operations/bulk material bunker drive aisle area.	9-1-21	Sediment deposition/track out from the covered bulk materials storage bunker adjacent to DI#2.	9-13-21: Area was well-swept and maintained/bulk materials pushed further back under the bunker roof.
MSC	Vehicle and equipment wash rack area.	9-1-21	Rubber berm containing wash effluent to the wash rack pad does not extend from	9-13-21: Berm was extended and wash rack pad was completely

<sup>2</sup> Minimum inspection frequency is once a year during September.

			curb to curb, creating a potential for effluent discharge.	enclosed by curbing and rubber berm.
MSC	Bulk material bunker.	9-1-21	Stockpiled materials (sediment) tracked out from under cover and uncontained trash maintained under roof covering.	9-13-21: Stockpiled materials and trash pushed back under roof covering to the rear of the bays.
MSC	Rear of bulk material bunker and rear of roadway legend paint building.	9-1-21	Fresh paint spill in rear of bunker; loose paint chips and oily spill in rear work area of roadway legend paint building.	9-13-2: Paint spill had thoroughly dried and would not release from the pavement; unknown oily spill was cleaned, and paint chips swept clean.
MSC	Metal and trash dumpsters near bulk material bunker drive aisle.	9-1-21	Dumpsters with metal and trash not covered.	9-22-21: Tarps for both dumpsters were purchased and placed adjacent to the dumpsters for installation when rain is imminent. Extra time was required to evaluate suitable and reasonable solutions.

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

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

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

**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"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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Comments (optional):

**C.3.e.v ► Special Projects Reporting**

1. In FY 2021-22, 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"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
2. In FY 2021-22, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the <b>C.3.b.iv.(2)</b> Table, and the <b>C.3.e.v.</b> Table.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>

If you answered "Yes" to either question,  
 1) Complete Table C.3.e.v.  
 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

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

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

See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.

**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 20-21)	41
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 21-22)	41
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 21-22)	21
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 21-22)	51% <sup>1</sup>

**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:

The City's Public Works Engineering Inspector inspects and verifies the O&M for the various types of treatment systems for Cupertino's private property regulated projects. The City of Cupertino does not use a 3rd party for C.3 inspections; however, a few private projects utilize such a

<sup>1</sup> 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).

3rd party to inspect the O&M of those systems and provide reporting to the City. In those instances, the Public Works Engineering Inspector conducts inspections of the systems to verify the findings of the 3rd party inspectors. The City's Public Works Engineering Inspector performed inspections of 21 regulated project sites which includes the treatment structures at each site. Enforcement in FY 21-22 consisted of one verbal warning for trash accumulation in the vegetated bioretention areas 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 operation and maintenance program inspections for FY 21-22 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. Cupertino is fortunate, as a smaller city, to have a manageable list of these treatments and the opportunity to provide direct education and guidance to property owners and managers.

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

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 FY21-22, 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, he notes 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 noted, 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 will be given to the property owner/manager and compliance will be expected and verified within ten working 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, noting 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 City's C.3 O&M Verification Enforcement Response Plan (ERP) and documented in the Municipal Code. The inspector will note 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 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.

The City did not make any changes to its watershed protection ordinance in FY 21-22. 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.i.(5)(d) ► Green Infrastructure Outreach**

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

Summary:

As a component of the 2019 parcel-based Clean Water and Storm Protection Fee ballot initiative passed by City voters, the Environmental Programs Division continued to offer a rebate program for converting impervious hardscape areas draining to the MS4 to pervious hardscape such as permeable concrete, asphalt, and/or pavers. This program initially offered residents up to \$900 to replace their existing impervious hardscape to pervious hardscape. There was initial interest in the program; however, no applications were received. In FY 20-21, the program was evaluated, and staff made a recommendation to the City Council to double the rebate amount to \$1,800 to generate interest. In May 2021, the Council approved the increase in the rebate and staff began to relaunch the program to the community. In FY 21-22, there was one residential driveway project which was approximately 400 SF which qualified and was constructed with pervious concrete.

In addition to promoting the permeable pavement program on our Stormwater Program web page there was also information on the program advertised in the City's Climate Victory Garden Program as conversion from hardscape and the goal of "greening" neighborhoods are related companion programs.

The City will continue with outreach efforts to promote this program and GSI when opportunities arise.

Please refer to the Program's FY 21-22 Annual Report for a summary of outreach efforts implemented at the Program level.

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

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

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

Background Information:

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

The City's Capital Improvements Project (CIP) and Transportation divisions were a key part in development of the City's GSI Plan which was adopted in September 2019. As projects are being considered and developed by the CIP division, they are reviewed for opportunities to incorporate GSI. These projects (potential, planned, and completed) are entered into the early implementation tables in this section of the City's annual report.

Summary of Planning or Implementation Status of Identified Projects:  
See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

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

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

Please refer to Program's FY 21-22 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.iv.(2) and (3) ▶ Tracking and Reporting Progress**

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

Please refer to the Program's FY 21-22 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

**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 <sup>2</sup> , Street Address	Name of Developer	Project Phase No. <sup>3</sup>	Project Type & Description <sup>4</sup>	Project Watershed <sup>5</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>6</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>7</sup>	Total Pre- Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>9</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Alan Row	22690 Stevens Creek Blvd	Alan Enterprise LLC	NA	Redevelopment – 9 homes, frontage & site improvements	Stevens Creek	0.63	0.63	15,295	2,757	2,757	18,052
Canyon Crossing	10625 S Foothill Blvd	SCR Enterprises LLC	NA	Mixed-use development – 18 residential units and 4,500 SF of retail	Stevens Creek	1.378	1.378	0	34,631	47,975	43,419
<b>Public Projects</b>											
None											
Comments: There were no regulated public projects approved in Cupertino in FY 21-22.											

<sup>2</sup>Include cross streets

<sup>3</sup>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".

<sup>4</sup>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.

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

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

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

<sup>8</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>9</sup>For redevelopment projects, state the post-project impervious surface area.

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –  
 Projects Approved During the Fiscal Year Reporting Period  
 (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>10</sup>	Application Final Approval Date <sup>11</sup>	Source Control Measures <sup>12</sup>	Site Design Measures <sup>13</sup>	Treatment Systems Approved <sup>14</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>15</sup>	Hydraulic Sizing Criteria <sup>16</sup>	Alternative Compliance Measures <sup>17/18</sup>	Alternative Certification <sup>19</sup>	HM Controls <sup>20/21</sup>
<b>Private Projects</b>										
Alan Row	1/13/22	Development Permit Approval: 1/13/22	Beneficial landscaping, maintenance, storm drain labeling	Minimize impervious surface, Disconnect- ed downspouts	Bioretention	O&M agreement with private owner	2B & 3	N/A	Third Party review and Certification by Schaaf & Wheeler	Exempt Less than 1AC impervious area
Canyon Crossing	1/13/22	Development Permit Approval: 1/13/22	Storm drain labeling, maintenance, covered trash room	Disconnect- ed downspouts	Bioretention	O&M agreement with private owner	3	N/A	Third Party review and Certification by Underwood & Rosenblum, Inc (for conceptual review only)	Exempt Less than 1AC impervious area

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

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

<sup>12</sup>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.

<sup>13</sup>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.

<sup>14</sup>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.).

<sup>15</sup>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.

<sup>16</sup>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).

<sup>17</sup>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.

<sup>18</sup>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.

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

<sup>20</sup>If HM control is not required, state why not.

<sup>21</sup>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  
 (public projects)**

Project Name Project No.	Approval Date <sup>22</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>23</sup>	Site Design Measures <sup>24</sup>	Treatment Systems Approved <sup>25</sup>	Operation & Maintenance Responsibility Mechanism <sup>26</sup>	Hydraulic Sizing Criteria <sup>27</sup>	Alternative Compliance Measures <sup>28/29</sup>	Alternative Certification <sup>30</sup>	HM Controls <sup>31/32</sup>
<b>Public Projects</b>										
Comments: There were no regulated public projects approved in Cupertino in FY 21-22.										

<sup>22</sup>For public projects, enter the plans and specifications approval date.

<sup>23</sup>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.

<sup>24</sup>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.

<sup>25</sup>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.).

<sup>26</sup>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.

<sup>27</sup>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).

<sup>28</sup>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.

<sup>29</sup>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.

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

<sup>31</sup>If HM control is not required, state why not.

<sup>32</sup>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 Installed<sup>33</sup> Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)**

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

Name of Facility	Address of Facility	Party Responsible <sup>34</sup> For Maintenance	Type of Treatment/HM Control(s)
None	N/A	N/A	N/A

<sup>33</sup> "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

<sup>34</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2021 - June 30, 2022												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>35</sup>	Status <sup>36</sup>	Description <sup>37</sup>	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category <sup>38</sup>	LID Treatment Reduction Credit Available <sup>39</sup>	List of LID Stormwater Treatment Systems <sup>40</sup>	List of Non-LID Stormwater Treatment Systems <sup>41</sup>
No special projects were approved in Cupertino in FY 20-21									Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and % of total runoff treated.	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received

<sup>35</sup>Date that a planning application for the Special Project was submitted.

<sup>36</sup> 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.

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

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

<sup>39</sup>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.

<sup>40</sup>: 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.

<sup>41</sup>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.



**Special Projects Narrative**

<b>C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure</b>				
<b>Project Name and Location<sup>42</sup></b>	<b>Project Description</b>	<b>Status<sup>43</sup></b>	<b>GI Included?<sup>44</sup></b>	<b>Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement<sup>45</sup></b>
McClellan Road Bike Corridor- Phase 3 (Byrne Ave to Imperial Ave)	Construction of separated bike lanes on high volume collector roadway in residential area.	Project is at 100% design.	No	Project length is two blocks and lacks sidewalk on one side in one block. The right-of-way within this project scope lacks the width, making inclusion of GSI in the project infeasible. Will be removed from this table in FY 22-23 Annual Report.
Jollyman Park- All-inclusive playground development	Design and construct an all-inclusive playground within an existing park.	Project is in design concept phase.	Yes	Four vegetated swales are being considered that would drain an as yet to be determined size impervious area of the new play area.
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.	In FY-21-22, the project is still in community outreach phase.	TBD	Will be evaluated for GSI potential during the design phase.
Pumpkin and Fiesta Storm Drain Project Phase 1 and 2	Design storm drain improvements consistent with the storm drain master plan.	In FY 21-22 the project is still in design phase at 90%.	No	There was determined to be no suitable GSI opportunities within this project due to existing right-of-way being too narrow. Will be removed from this table in FY 22-23 Annual Report.

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

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

<sup>44</sup> 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.

<sup>45</sup> 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.

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. In FY 22-23 the vegetated swales along the perimeter of the building will be rehabilitated, however no underdrains will be installed.
Regnart Road Improvements	This section of paved, rural road will have a retaining wall constructed to stabilize the road slope to the creek.	Design in process 21-22.	No	Erosion issues and no suitable location for GSI implementation. Will be removed from this table in FY 22-23 Annual Report.

**C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects**

<b>Project Name and Location<sup>46</sup></b>	<b>Project Description</b>	<b>Planning or Implementation Status</b>	<b>Green Infrastructure Measures Included</b>
Memorial Park Pond Repurposing (Memorial Park, 21251 Stevens Creek Blvd)	Removal of approximately 71,300 SF of impervious pavement and replacement with pervious vegetated areas.	Construction in progress in FY 21-22 and expected to be completed in October 2022.	Removal of approximately 71,300 SF of impervious pavement and replacement with pervious vegetated areas.
Lawrence-Mitty Park	Development of a neighborhood park and trail expansion several acres of land. This will be a multi-year project from design to build.	Design in progress in FY 21-22.	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.

<sup>46</sup> 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.

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.	The new bioretention facilities will provide stormwater treatment for approximately 14,700 SF of the existing adjacent impervious roadway.
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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 21-22 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 21-22, the City inspected 109 different sites, a decrease in the number inspected the previous FY (135 sites). There was a total of 109 businesses that were on the list of potential facilities to inspect, but 3 businesses were out of business and vacant. 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.

Training

IND inspections are conducted by the IND/IDDE Inspector, Program Specialist, and the Environmental Community Assistant. In years past, the Building Inspectors have also conducted IND inspections, but due to COVID-19, they were still unable assist with IND inspections. Each year the Program Specialist provides in-house training to all Building Inspectors and building department support staff in advance of the IND inspections beginning; however, in FY 21-22, the training was not provided to them since they did not participate in conducting the inspections. Refer to Section C.4.e.iii below for further detail on training topics covered.

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 21-22, the re-inspection fee was \$302 per inspection. Typically, the fee is assessed for each inspection which is required to confirm compliance and complete mitigation of any potential or actual discharge identified during the initial inspection. In FY 21-22, thirteen 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. Of the 143 letters mailed out in FY 21-22, 11 (8%) signed letters were returned. This is a 2% decrease from FY 20-21. While the decrease in response this past year is discouraging, 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. 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 21-22, there was one administrative citation issued for violations discovered during IND inspections.

COVID-19 Program Impacts

All inspections were completed that were scheduled for FY 21-22. 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. One violation was discovered at sites not occupied, and the property owner was notified, and the site was brought into compliance in 16 business days. This exceeded 10 business days because the property was recently purchased by the County and the new responsible party had to be located.

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 21-22 Annual Report for a description of activities of the Program and/or the BASMAA Municipal Operations Committee.

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

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

Please see Attachment C.4-1 Potential Facilities List.

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

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

<input 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 on each site.

	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	109
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	13

Comments:

This FY, the City determined that 13 separate facilities were found to have one or more violations. Of the 13 facilities, there were a total of 13 Verbal Warnings issued. Of the 13 facilities found with violations, four 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) Whole Foods: Excessive litter at all exterior areas, rinsing of recycle carts on asphalt, and storm drain inlets were full. The company was hesitant on complying but ultimately complied within 26 business days. The company was issued 4 re-inspection fees and 1 Administrative Citation.
- 2) McClellan Square Common Area (Bull BBQ): While the inspection was being done at McClellan Square Common Area, the inspector noticed Bull BBQ had violations. Waste bin lids not closed, uncontained litter, food waste & grease on concrete pad, discharge of mop water in rear parking lot, and tallow bins being stored outside not covered and without secondary containment. Business ultimately complied in 21 business days and was issued 1 verbal warning and 1 Notice of Violation.
- 3) Shopping Center Common Area: Vacant lot was inspected and was found to have illegal dumping behind the old Outback Steakhouse. The property was recently purchased by the County and we had to track down the new property owner, so the property owner ultimately complied in 16 business days and was issued 1 verbal warning.
- 4) Stanley Square Common Area: The sole storm drain inlet on the property was found to have a damaged outlet pipe (appx 4" pipe) that ran approximately eight feet to a curb outlet that flowed to the street. The pipe did not connect directly to the MS4 and after evaluation, there would have to be significant expense to deepen the line to avoid damage to City street tree roots. A cost-benefit analysis was done and it was determined that there would be no stormwater improvement and the case was closed. This review took several weeks, but there was no discharge and left in its existing condition, there is no stormwater pollution threat.

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

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>1</sup>	<b>Number of Enforcement Actions Taken</b>
Level 1	Verbal Warning	13
Level 2	Written Notice of Violation (NOV)	1
Level 3	Administrative Pre-Citation	0
Level 4	Administrative Citation	1
Level 5	Referral to City Attorney	0
Level 6	Referral to Water Board	0
<b>Total</b>		15

<sup>1</sup>Agencies to list specific enforcement actions as defined in their ERPs.

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

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

Business Category <sup>2</sup>	Number of Actual Discharges	Number of Potential Discharges
Automotive	2	1
Corp Yards	0	0
Food Facility	0	0
Grocery	1	1
Major Retail	1	1
Miscellaneous	0	0
Offices	0	0
Other - Hotel	0	0
Pesticide Facility	0	0
Shopping Center	5	3
<b>Total</b>	<b>9</b>	<b>6</b>

**C.4.d.iii.(2)(e) ► Non-Filers**

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

In FY 21-22 there were no facilities inspected which were found to be required to have coverage under the Industrial General Permit and did not.

In January 2020, the City established an internal program to be in compliance with SB205, requiring all business license applicants (new and renewals) to provide their SIC number(s) when making a business license application. The business license staff provides the review of the applications and routes any questionable business uses to the Environmental Programs Specialist for additional review and discussion with the applicant as needed. To date, the City is unaware of any businesses that have filed for IGP coverage upon review of SMARTS.

<sup>2</sup>List your Program's standard business categories.



<b>C.4.e.iii ► Staff Training Summary</b>						
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Industrial/ Commercial Site Inspectors in Attendance</b>	<b>Percent of Industrial/ Commercial Site Inspectors in Attendance</b>	<b>No. of IDDE Inspectors in Attendance</b>	<b>Percent of IDDE Inspectors in Attendance</b>
SCVURPPP IND/IDDE Training	5/26/22	Four illicit discharge case studies (including discharges at businesses), what to expect in the reissued MRP for Provisions C.4/C.5 and how preventing stormwater pollution from business sites and illicit discharges protects Santa Clara County creeks and the Bay.	1	25%	1	25%
Comments: The City makes an effort to encourage any staff that perform site inspections to attend as much training as possible to be better equipped and knowledgeable of stormwater inspection and enforcement.						

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
<del>10262 IMPERIAL AVE</del>	Automotive	Alan White Service (Alan's Auto)
19990 STEVENS CREEK BLVD	Automotive	Alliance Gas
10264 IMPERIAL AVE	Automotive	Auto Smog
10023 S DE ANZA BLVD	Automotive	Chevron
11010 N DE ANZA BLVD	Automotive	Chevron
10270 IMPERIAL AVE	Automotive	Clark's Auto Parts and Machine
22510 STEVENS CREEK BLVD	Automotive	Cupertino Auto Care/Beacon
10073 IMPERIAL AVE	Automotive	Cupertino Auto Tech
10280 IMPERIAL	Automotive	Cupertino Service
10625 N DE ANZA BLVD	Automotive	Cupertino Smog Pro/Union 76
21530 STEVENS CREEK BLVD	Automotive	Cupertino Union 76
<del>10218 IMPERIAL AVE</del>	Automotive	Curbee
20999 STEVENS CREEK BLVD	Automotive	De Anza Shell
10550 S DE ANZA BLVD	Automotive	European Auto Performance
10931 N DE ANZA BLVD	Automotive	Goodyear Tire
10490 S DE ANZA BLVD	Automotive	Henry's Union 76
21855 HOMESTEAD RD	Automotive	Homestead Union 76
21680 LOMITA AVE	Automotive	House of Miracles
10261 IMPERIAL AVE	Automotive	Imperial Automotive
<del>10221 IMPERIAL AVE</del>	Automotive	International Auto Clinic
19480 STEVENS CREEK BLVD	Automotive	Jiffy Lube
10151 IMPERIAL AVE	Automotive	JST Auto Care/Reyes Concrete
10100 BUBB RD STE 100B	Automotive	Pan American Body Shop
<del>10218 IMPERIAL AVE</del>	Automotive	Pan American Collision Center
19030 STEVENS CREEK BLVD	Automotive	Rotten Robbie
19550 STEVENS CREEK BLVD	Automotive	Vallco Union 76
10002 N DE ANZA BLVD	Automotive (Car Wash)	Valero
1699 S DE ANZA BLVD	Automotive (Car Wash)	Valero
10230 IMPERIAL AVE	Building Supplies/Services	Cupertino Supply
10200 IMPERIAL AVE	Building Supplies/Services	Ekim Painting
21621 STEVENS CREEK BLVD	Building Supplies/Services	Halo Custom Guitar
1505 S DE ANZA BLVD	Building Supplies/Services	Kelly Moore
10171 S DE ANZA BLVD	Building Supplies/Services	S & G Carpet
10650 S DE ANZA BLVD	Building Supplies/Services	Sherwin Williams
20149 STEVENS CREEK BLVD	Building Supplies/Services	Sun Design Center
ONE APPLE PARK WAY M/S 105-2PRO	Building Supplies/Services	Yoon Hyup

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1  
Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
10151 IMERIAL AVE	Concrete/Stone Products	Reyes Concrete*
21220 HOMESTEAD RD	Grocery	7-Eleven
21490 MCCLELLAN RD	Grocery	7-Eleven
10425 S DE ANZA BLVD	Grocery	99 Ranch Market
10983 N WOLFE RD	Grocery	99 Ranch Market
<del>7335 BOLLINGER RD STE D</del>	<del>Grocery</del>	<del>Cupertino International Foods</del>
10122 BANDLEY DR	Grocery	Marina Foods
19750 STEVENS CREEK BLVD	Grocery	Marukai
19944 HOMESTEAD RD	Grocery	Oakmont Market
20620 HOMESTEAD RD	Grocery	Safeway
7335 BOLLINGER RD STE D	Grocery	Select International Food Market
20558 STEVENS CREEK BLVD	Grocery	Sprouts
10629 S FOOTHILL BLVD	Grocery	Stevens Creek Market
10255 S DE ANZA BLVD	Grocery	Trinethra Indian Supermarket
20955 STEVENS CREEK BLVD	Grocery	Whole Foods
21530 STEVENS CREEK BLVD	Grocery/Fueling Station	7-Eleven
10201 TORRE AVENUE	Office	Amazon
10101 N DE ANZA BLVD	Office	Apple, Inc.
18880 E HOMESTEAD RD	Office	Apple, Inc.
10001 N DE ANZA BLVD	Office	Apple, Inc.
10441 BANDLEY AVENUE	Office	Apple, Inc.
20563 STEVENS CREEK BLVD	Office	Bank of America
21020 HOMESTEAD RD	Office	Bank of America
20573 STEVENS CREEK BLVD	Office	Chase Bank
10240 BUBB RD	Office	Direct
10260 BUBB RD	Office	Direct
19240 STEVENS CREEK BLVD	Office	Lighthouse Bank
10500 N WOLFE RD	Office	Office Complex
19400 STEVENS CREEK BLVD	Office	Office Complex
21040 HOMESTEAD RD STE 204	Office	Office Complex
ONE APPLE PARK WAY	Office Park	Apple
10601 S DE ANZA BLVD	Office Park	De Anza Professional Center
20330 TORRE AVENUE	Office/Food Service	Apple, Inc.
19333 VALLCO PARKWAY	Office/Food Service	Apple, Inc.
MCCLELLAN RD & CLUBHOUSE LN	Other	McClellan Ranch Park West
10885 N STELLING RD	Other	Valley Church

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	19000 HOMESTEAD RD	Other - Hospital	Kaiser Permanente
	10869 N WOLFE RD	Other - Misc.	Paint Nail Collection
	10095 SAICH WAY, STE 2	Other - Misc.	Parlour 17
	20610 STEVENS CREEK BLVD	Other - Physical Fitness Facilities	Precore Home Fitness
	10110 CALIFORNIA OAK WAY	Other- Agriculture	Whispering Creek Equestrian Center
	<del>10020 IMPERIAL AVE</del>	<del>Other- Dry Cleaners</del>	<del>Classic Cleaners</del>
	10477 S DE ANZA BLVD	Other- Dry Cleaners	De Anza Laundromat
	20379 STEVENS CREEK BLVD	Other- Dry Cleaners	Dryclean Pro
	21749 STEVENS CREEK BLVD	Other- Dry Cleaners	N&K Cleaners
	10045 E ESTATES DR	Other- Dry Cleaners	One Hour Cleaners By Lee
	<del>10620 S DE ANZA BLVD</del>	<del>Other- Dry Cleaners</del>	<del>Scotty's Cleaners</del>
	10151 S DE ANZA BLVD	Other- Dry Cleaners	Sierra Cleaners
	19775 STEVENS CREEK BLVD	Other- Dry Cleaners	Zarin Sewing Alteration and Dryclean
	10165 N DE ANZA BLVD	Other- Hotel	Aloft Hotel
	10889 N DE ANZA BLVD	Other- Hotel	Cupertino Inn
	19429 STEVENS CREEK BLVD	Other- Hotel	Marriot Residence Inn
	21979 SAN FERNANDO AVE	Other- Major Entertainment	Blackberry Farm Picnic Grounds
	10123 N WOLFE RD	Other- Major Entertainment	Bowlmor Lanes
	20990 HOMESTEAD RD	Other- Major Entertainment	Homestead Lanes
	10123 N WOLFE RD STE 1020	Other- Major Entertainment	Vallco Ice Center
	20600 STEVENS CREEK BLVD	Other- Major Retail	Aaron Brothers
	20149 STEVENS CREEK BLVD	Other- Major Retail	Concept Creation Interior Design
	10455 S DE ANZA BLVD	Other- Major Retail	CVS
	19750 STEVENS CREEK BLVD	Other- Major Retail	Daiso
	20640 HOMESTEAD RD	Other- Major Retail	Michael's
	20740 STEVENS CREEK BLVD	Other- Major Retail	Party City
	<del>20610 STEVENS CREEK BLVD</del>	<del>Other- Major Retail</del>	<del>Pier 1 Imports</del>
	20572 HOMESTEAD RD	Other- Major Retail	Rite Aid
	20650 HOMESTEAD RD	Other- Major Retail	Ross
	19900 STEVENS CREEK BLVD	Other- Major Retail	Scandinavian Designs
	20830 STEVENS CREEK BLVD	Other- Major Retail	Staples
	20600 HOMESTEAD RD	Other- Major Retail	Steinmart
	20149 STEVENS CREEK BLVD	Other- Major Retail	Sun Design Center
	20745 STEVENS CREEK BLVD	Other- Major Retail	Target
	20730 STEVENS CREEK BLVD	Other- Major Retail	TJ Maxx / Home Goods
	10815 N WOLFE RD STE 103	Other- Major Retail	T-Mobile

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
20580 HOMESTEAD RD	Other- Major Retail	Ulta Beauty
10075 E ESTATES DR	Other- Major Retail	United Furniture Club
20011 BOLLINGER RD	Other- Major Retail	Walgreens
22555 CRISTO REY DR	Other- Misc.	Gate of Heaven Cemetary
22100 STEVENS CREEK BLVD	Other- Pesticide Facilities	Blackberry Farm Golf Course
10700 CLUBHOUSE LN	Other- Pesticide Facilities	Deep Cliff Golf Course
1491 S DE ANZA BLVD	Other- Pesticide Facilities	Summer Winds Nursery
1361 S DE ANZA BLVD	Other- Pesticide Facilities	Yamagami Nursery
10012 N FOOTHILL BLVD	Other- Veterinary	Acadia Veterinary Clinic
10026 PENINSULA AVE	Other- Veterinary	Cupertino Animal Hospital
20674 HOMESTEAD RD	Restaurant & Food Service	1000 Degrees Pizzeria
20010 STEVENS CREEK BLVD	Restaurant & Food Service	20010 Partners LLC
19998 HOMESTEAD RD STE A	Restaurant & Food Service	212 New York Pizza
19459 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	85°C Bakery Cafe
10425 S DE ANZA BLVD	Restaurant & Food Service	99 Ranch Market
10445 S DE ANZA BLVD	Restaurant & Food Service	99 Ranch Market Food Court
19700 VALLCO PKWY STE160	Restaurant & Food Service	A & M Squared Inc
21265 STEVENS CREEK BLVD STE 205	Restaurant & Food Service	A Plus Tea House
20803 STEVENS CREEK BLVD, STE 110	Restaurant & Food Service	Afuri Ramen + Dumpling
10445 SO. DEANZA BLVD, #104	Restaurant & Food Service	Agu Ramen Cupertino
10893 N WOLFE RD	Restaurant & Food Service	Ai Noodle
7335 BOLLINGER RD STE C	Restaurant & Food Service	Ajito Izakaya Dining
1655 S DE ANZA BLVD STE 7	Restaurant & Food Service	Alchena Capital LLC
19379 STEVENS CREEK BLVD	Restaurant & Food Service	Alexander's Steakhouse
10745 S DE ANZA BLVD	Restaurant & Food Service	Anandha Bhavan Café
20835 ALVES DR	Restaurant & Food Service	Ancient Agro
10118 BANDLEY DR STE G	Restaurant & Food Service	Apple Café
10885 N WOLFE RD	Restaurant & Food Service	Apple Green Bistro
10630 S DE ANZA BLVD	Restaurant & Food Service	Aqui's
10310 S DE ANZA BLVD	Restaurant & Food Service	Arirang Tofu & BBQ
19930 STEVENS CREEK BLVD	Restaurant & Food Service	Arya Global Cuisine
<del>10789 S BLANEY AVE</del>	<del>Restaurant &amp; Food Service</del>	<del>Aya Japan House</del>
19645 STEVENS CREEK BLVD	Restaurant & Food Service	Azuma Restaurant
<del>10591 N DE ANZA BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Bagel Street Café Cupertino</del>
10815 N WOLFE RD, STE 105	Restaurant & Food Service	BBQ Chicken Cupertino Apple Park (pending)
10883 S BLANEY AVE STE B	Restaurant & Food Service	Beijing Duck House Restaurant

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1  
Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
10851 N WOLFE RD	Restaurant & Food Service	Bel Cool Tasty Pot
10123 N WOLFE RD STE 2074	Restaurant & Food Service	Benihana
<del>10118 BANDLEY DR, STE A</del>	<del>Restaurant &amp; Food Service</del>	<del>Bento Corner</del>
<del>20560 TOWN CENTER LN</del>	<del>Restaurant &amp; Food Service</del>	<del>Bitter &amp; Sweet</del>
10690 N DE ANZA BLVD	Restaurant & Food Service	Bj'S Restaurant & Brewhouse
10033 SAICH WAY	Restaurant & Food Service	Blast 825 Pizza
19505 STEVENS CREEK BLVD STE 102	Restaurant & Food Service	Blue & Brownie
22100 STEVENS CREEK BLVD	Restaurant & Food Service	Blue Pheasant Restaurant
1361 S DE ANZA BLVD	Restaurant & Food Service	Bobbie's Café
19634 STEVENS CREEK BLVD	Restaurant & Food Service	Boiling Fish
21678 STEVENS CREEK BLVD	Restaurant & Food Service	Bongo's
20682 STEVENS CREEK BLVD	Restaurant & Food Service	Boudin
19501 STEVENS CREEK BLVD, STE 101	Restaurant & Food Service	Cafe Lattea
20343 STEVENS CREEK BLVD	Restaurant & Food Service	Café Torre
19634 STEVENS CREEK BLVD	Restaurant & Food Service	CBI Kitchen
21267 STEVENS CREEK BLVD STE 320	Restaurant & Food Service	Chaat House
19369 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Chef Hung Noodle
<del>10455 S DE ANZA BLVD, STE 101</del>	<del>Restaurant &amp; Food Service</del>	<del>Chicken Meets Rice</del>
20956 HOMESTEAD RD STE D	Restaurant & Food Service	Chili Pot
10385 S DE ANZA BLVD	Restaurant & Food Service	Chipotle Mexican Grill
20688 HOMESTEAD RD	Restaurant & Food Service	Chipotle Mexican Grill
19805 STEVENS CREEK BLVD	Restaurant & Food Service	Chuck E. Cheese
21678 STEVENS CREEK BLVD	Restaurant & Food Service	City Fish, The
<del>10445 S DE ANZA BLVD STE 101</del>	<del>Restaurant &amp; Food Service</del>	<del>CMR CUPERTINO LLC</del>
20010 STEVENS CREEK BLVD	Restaurant & Food Service	Coconut's Fish Café
10800 TORRE AVE STE 100	Restaurant & Food Service	Coffee Society
20080 STEVENS CREEK BLVD	Restaurant & Food Service	Counter, The
10275 S DE ANZA BLVD	Restaurant & Food Service	Crab Lover
19501 STEVENS CREEK BLVD #102	Restaurant & Food Service	Cream
10815 N WOLFE RD STE 102	Restaurant & Food Service	Creamistry
7335 BOLLINGER RD STE D	Restaurant & Food Service	Cupertino Specialty Foods
20080 STEVENS CREEK BLVD #106	Restaurant & Food Service	Curry Pizza House
21666 STEVENS CREEK BLVD	Restaurant & Food Service	Curry Up Now
10445 SOUTH DE ANZA BLVD. SUITE 106	Restaurant & Food Service	Dainty Cuisine Inc.
10591 N DE ANZA BLVD	Restaurant & Food Service	De Anza Bagel Cafe

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	10467 S DE ANZA BLVD	Restaurant & Food Service	De Anza Pure Water
	20750 STEVENS CREEK BLVD	Restaurant & Food Service	Dish N Dash
	19620 STEVENS CREEK BLVD STE 190	Restaurant & Food Service	Diudiu Llc
	10250 N DE ANZA BLVD	Restaurant & Food Service	Donut Wheel
	10088 N WOLFE RD STE 120	Restaurant & Food Service	Doppio Zero Pizzeria
	19600 VALLCO PKWY, SUITE #130	Restaurant & Food Service	DOUGH ZONE NCA02 LLC
	10118 BANDLEY DR STE H	Restaurant & Food Service	Duan Chun Zhen Noodle House
	10801 NORTH WOLFE RD	Restaurant & Food Service	Duke Of Edinburgh
	19062 STEVENS CREEK BLVD	Restaurant & Food Service	EASY EIGHT LLC (pending)
	19929 STEVENS CREEK BLVD	Restaurant & Food Service	EGGHEAD
	20080 STEVENS CREEK BLVD #104	Restaurant & Food Service	El Greco Grill
	10887 N WOLFE RD	Restaurant & Food Service	Elitea Inc
	10445 S DE ANZA BLVD STE 106	Restaurant & Food Service	Emperor Shao-Bing
	21275 STEVENS CREEK BLVD STE 510	Restaurant & Food Service	Enzo's
	19369 STEVENS CREEK BLVD STE 130	Restaurant & Food Service	Eureka
	10933 N WOLFE RD	Restaurant & Food Service	Fantasia Coffee & Tea
	20672 HOMESTEAD RD	Restaurant & Food Service	Fish Is Wild Fish Grill & More
	20333 STEVENS CREEK BLVD	Restaurant & Food Service	Flight Wine & Food
	21678 STEVENS CREEK BLVD	Restaurant & Food Service	Flour And Spice
	<del>20080 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Fresh Pixx</del>
	20688 STEVENS CREEK BLVD	Restaurant & Food Service	FW CUPERTINO LLC
	19780 STEVENS CREEK BLVD	Restaurant & Food Service	Galpao Gaucho
	19990 HOMESTEAD RD	Restaurant & Food Service	Gamba Karaoke
	1183 S DE ANZA BLVD, STE 40	Restaurant & Food Service	Go Fish Poke Bar
	19980 HOMESTEAD RD	Restaurant & Food Service	Gochi
	<del>10815 N WOLE RD</del>	<del>Restaurant &amp; Food Service</del>	<del>Gogigo</del>
	19541 RICHWOOD DR	Restaurant & Food Service	Grandma's Kitchen
	19541 RICHWOOD DR.	Restaurant & Food Service	GRANDMA'S KITCHEN
	10851 N WOLFE RD	Restaurant & Food Service	Guan Dong House Inc
	19620 STEVENS CREEK BLVD STE 150	Restaurant & Food Service	Gyu-Kaku
	20735 STEVENS CREEK BLVD	Restaurant & Food Service	Habit Burger
	19409 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Hai Di Lao Hot Pot
	10271 TORRE AVE	Restaurant & Food Service	Hanlin Tea Room Inc
	<del>20488 STEVENS CREEK BLVD STE 2040</del>	<del>Restaurant &amp; Food Service</del>	<del>Happy Lemon</del>
	19754 STEVENS CREEK BLVD	Restaurant & Food Service	Harumi Sushi
	10815 N WOLFE RD STE 105	Restaurant & Food Service	Heavenly Holding Ventures Inc

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
10619 S DE ANZA BLVD	Restaurant & Food Service	Hechaa
10631 FOOTHILL EXPWY	Restaurant & Food Service	Heekah Hookah & Fafy Coffee
19066 STEVENS CREEK BLVD	Restaurant & Food Service	Hi Pot
21267 STEVENS CREEK BLVD STE 310	Restaurant & Food Service	Hobee's Restaurant
20080 STEVENS CREEK BLVD	Restaurant & Food Service	Hom Korean Kitchen
19590 STEVENS CREEK BLVD	Restaurant & Food Service	House Of Falafel
19058 STEVENS CREEK BLVD	Restaurant & Food Service	I Chef Restaurant
10129 S DE ANZA BLVD	Restaurant & Food Service	I Love Bento
20371 STEVENS CREEK BLVD	Restaurant & Food Service	I Shshi & Grill
19929 STEVENS CREEK BLVD	Restaurant & Food Service	Icebox
19622 STEVENS CREEK BLVD	Restaurant & Food Service	Icicles Creamrolls LLC
19600 VALLCO PKWY STE 100	Restaurant & Food Service	I-cool
21000 STEVENS CREEK BLVD	Restaurant & Food Service	Ike's Lair
19505 STEVENS CREEK BLVD	Restaurant & Food Service	Inteanet
19540 VALLCO PARKWAY, SUITE 130	Restaurant & Food Service	Ippudo
20750 STEVENS CREEK BLVD	Restaurant & Food Service	Islands
10745 S DE ANZA BLVD	Restaurant & Food Service	IZ Noodles
<del>20950 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>J &amp; J Hawaiian BBQ Restaurant</del>
10271 TORRE AVE	Restaurant & Food Service	J S Stew House
1451 S DE ANZA BLVD	Restaurant & Food Service	Jack In The Box
<del>19772 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Jaje Foods, Inc.</del>
<del>20080 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Jersey Mike's</del>
10895 S BLANEY AVE	Restaurant & Food Service	Joy Dumpling
10911 N WOLFE RD	Restaurant & Food Service	Joy Luck Palace
19066 STEVENS CREEK BLVD	Restaurant & Food Service	Joy Palace
10851 N WOLFE RD	Restaurant & Food Service	Joy Square
19540 VALLCO PKWY, STE 110	Restaurant & Food Service	Ju & Ye, Inc.
10495 S DE ANZA BLVD STE C	Restaurant & Food Service	Juanxiang
10635 S FOOTHILL BLVD	Restaurant & Food Service	Judys Kitchen
<del>10815 N WOLFE ROAD, SUITE#104</del>	<del>Restaurant &amp; Food Service</del>	<del>K&amp;Y, LLC (pending)</del>
20007 STEVENS CREEK BLVD	Restaurant & Food Service	KABAB AND CURRY'S
19700 VALLCO PKWY STE 150	Restaurant & Food Service	Kebab Shop, The
10370 S DE ANZA BLVD	Restaurant & Food Service	Kee Wah
1655 S DE ANZA BLVD STE 7	Restaurant & Food Service	Kikusushi Japanese Restaurant
21271 STEVENS CREEK BLVD STE 410	Restaurant & Food Service	Kobe Pho & Grill
19700 VALLCO PKWY STE 130	Restaurant & Food Service	Koja Kitchen

Strikethrough indicates business closed

\* Asterisk indicates duplicate



**Attachment C.4-1  
Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	19626 STEVENS CREEK BLVD	Restaurant & Food Service	Kong Tofu & Bbq
	19600 VALLCO PKWY STE 160	Restaurant & Food Service	Kula Sushi
	19758 STEVENS CREEK BLVD	Restaurant & Food Service	La Patisserie
	20488 STEVENS CREEK BLVD	Restaurant & Food Service	La Posh Bakery
	19960 HOMESTEAD RD	Restaurant & Food Service	La Terra
	10745 S DE ANZA BLVD	Restaurant & Food Service	LANZHOU HANDPULLED NOODLES
	19359 STEVENS CREEK BLVD	Restaurant & Food Service	Lazy Dog
	<del>20488 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Le Boulanger</del>
	20363 STEVENS CREEK BLVD	Restaurant & Food Service	Lee's Sandwiches
	19732 STEVENS CREEK BLVD	Restaurant & Food Service	Legends Pizza
	10125 BANDLEY DR	Restaurant & Food Service	Lei Garden
	19675 STEVENS CREEK BLVD	Restaurant & Food Service	Lepi Dor Bakery
	19772 STEVENS CREEK BLVD	Restaurant & Food Service	Liang's Kitchen
	20588 STEVENS CREEK BLVD	Restaurant & Food Service	Little Dipper Cupertino LLC
	19062 STEVENS CREEK BLVD	Restaurant & Food Service	Little Sheep
	20956 HOMESTEAD RD STE H	Restaurant & Food Service	Local Cafe
	21666 STEVENS CREEK BLVD	Restaurant & Food Service	LOCAL FOOD GROUP INC.
	<del>10895 S BLANEY AVE</del>	<del>Restaurant &amp; Food Service</del>	<del>Lu Dumpling</del>
	20558 STEVENS CREEK BLVD	Restaurant & Food Service	Lwin Family Co
	19399 STEVENS CREEK BLVD	Restaurant & Food Service	Lyfe Kitchen
	19052 STEVENS CREEK BLVD	Restaurant & Food Service	Ma Ma Chen's Kitchen
	10145 N DE ANZA BLVD	Restaurant & Food Service	Mandarin Gourmet
	10991 N DE ANZA BLVD STE B	Restaurant & Food Service	Manley's Donuts
	10990 N STELLING RD	Restaurant & Food Service	McDonald's
	21250 STEVENS CREEK BLVD	Restaurant & Food Service	Mediterranean Café
	19409 STEVENS CREEK BLVD	Restaurant & Food Service	Meet Fresh Tea Chansii
	20803 STEVENS CREEK BLVD STE 110	Restaurant & Food Service	Melt, The
	10445 SO. DE ANZA BLVD, #104	Restaurant & Food Service	MENYA HACHI
	19628 STEVENS CREEK BLVD	Restaurant & Food Service	Merlion
	19110 STEVENS CREEK BLVD	Restaurant & Food Service	Miao's Deli & Roasted Coffee Beans
	20956 HOMESTEAD RD, STE G	Restaurant & Food Service	Mingkee Deli
	21265 STEVENS CREEK BLVD STE 205	Restaurant & Food Service	Mitasu
	10815 N WOLFE RD STE 106	Restaurant & Food Service	Mod Superfast Pizza
	10787 S BLANEY AVE	Restaurant & Food Service	Monster Boba Tea and Dessert
	<del>20950 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Mr Sun</del>
	19540 VALLCO PARKWY STE 150	Restaurant & Food Service	Myungrang Hotdog Cupertino

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**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	19700 VALLCO PARKWAY # 130	Restaurant & Food Service	Naked Chicken
	19700 VALLCO PARKWAY, STE 190	Restaurant & Food Service	Nirvana Soul
	19700 VALLCO PKWY STE 190	Restaurant & Food Service	Nosh Bagels
	10935 N WOLFE RD	Restaurant & Food Service	Nutrition Restaurant
	19058 STEVENS CREEK BLVD	Restaurant & Food Service	O2 Valley
	19998 HOMESTEAD RD STE C	Restaurant & Food Service	Oakmont Deli Sandwich
	19672 STEVENS CREEK BLVD	Restaurant & Food Service	Olarn Thai Cuisine
	20800 HOMESTEAD ROAD 29F	Restaurant & Food Service	Olive Branch Personal Chef Service
	19648 STEVENS CREEK BLVD	Restaurant & Food Service	One Pot
	19419 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Oren's Hummus
	1655 S DE ANZA BLVD, STE 7	Restaurant & Food Service	Osaka Grocerant
	20558 STEVENS CREEK BLVD	Restaurant & Food Service	OUMI SUSHI (pending)
	<del>20630 VALLEY GREEN DR</del>	<del>Restaurant &amp; Food Service</del>	<del>Outback Steakhouse</del>
	19399 STEVENS CREEK BLVD	Restaurant & Food Service	Pacific Catch
	21000 STEVENS CREEK BLVD STE 300	Restaurant & Food Service	Panda Express
	20807 STEVENS CREEK BLVD	Restaurant & Food Service	Panera Bread
	20735 STEVENS CREEK BLVD	Restaurant & Food Service	Paris Baguette
	10030 S DE ANZA BLVD	Restaurant & Food Service	Park Place Hotel
	21619 STEVENS CREEK BLVD	Restaurant & Food Service	Paul and Eddies Bar
	10251 S DE ANZA BLVD	Restaurant & Food Service	Peacock Indian Cuisine & Bakery
	22350 HOMESTEAD RD	Restaurant & Food Service	Peet's Coffee & Tea
	19439 STEVENS CREEK BLVD	Restaurant & Food Service	Philz Coffee
	20686 STEVENS CREEK BLVD	Restaurant & Food Service	Philz Coffee
	10100 S DE ANZA BLVD	Restaurant & Food Service	Pho Ha Noi Cupertino
	20674 HOMESTEAD ROAD	Restaurant & Food Service	Pho Hoa Noodle Soup
	<del>10118 BANDLEY DR STE H</del>	<del>Restaurant &amp; Food Service</del>	<del>Pho Minh</del>
	<del>19409 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Pieology Pizzeria</del>
	19369 STEVENS CREEK BLVD STE 120	Restaurant & Food Service	Pineapple Thai
	20770 STEVENS CREEK BLVD	Restaurant & Food Service	Pizza Hut
	19409 STEVENS CREEK BLVD	Restaurant & Food Service	Pizza My Heart
	20530 STEVENS CREEK BLVD	Restaurant & Food Service	Pizza My Heart
	10815 N WOLFE RD	Restaurant & Food Service	Poke Works
	19929 STEVENS CREEK BLVD	Restaurant & Food Service	Pokeholics
	10869 N WOLFE RD	Restaurant & Food Service	Pokeworks
	10495 S DE ANZA BLVD	Restaurant & Food Service	Power Pot
	<del>19409 STEVENS CREEK BLVD STE 130</del>	<del>Restaurant &amp; Food Service</del>	<del>Pressed Juicery</del>

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1  
Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	10889 S BLANEY AVE	Restaurant & Food Service	QQ Noodle
	10887 N WOLFE RD	Restaurant & Food Service	Quickly
	21265 STEVENS CREEK BLVD STE 210	Restaurant & Food Service	Quickly
	<del>19541 RICHWOOD DR</del>	<del>Restaurant &amp; Food Service</del>	<del>Ramen Mania</del>
	<del>20803 STEVENS CREEK BLVD, SUITE 110</del>	<del>Restaurant &amp; Food Service</del>	<del>Ramen United Inc</del>
	20956 HOMESTEAD RD, STE D	Restaurant & Food Service	Raretea
	10074 E ESTATES DR	Restaurant & Food Service	Red Hot Wok
	10074 E ESTATES DR	Restaurant & Food Service	Redi Pan Inc
	10525 S DE ANZA BLVD STE 130	Restaurant & Food Service	Rio Adobe
	19110 STEVENS CREEK BLVD STE A	Restaurant & Food Service	Roasted Coffee Bean
	19389 STEVENS CREEK BLVD	Restaurant & Food Service	Rootstock Wine Bar
	19650 STEVENS CREEK BLVD	Restaurant & Food Service	Rori Rice
	10477 S DE ANZA BLVD	Restaurant & Food Service	Royal Food Restaurant, Inc.
	<del>20688 STEVENS CREEK BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Rubio's</del>
	10963 N WOLFE RD	Restaurant & Food Service	S&Y T Studio
	19319 STEVENS CREEK BLVD	Restaurant & Food Service	S.W.A.N CORPORATION DBA WANPO TEA
	19700 VALLCO PKWY	Restaurant & Food Service	SA & SA, LLC
	10088 N WOLFE RD # 120	Restaurant & Food Service	SACCOMURO CORPORATION DBA LA PIZZERIA
	10525 S DE ANZA BLVD STE 100	Restaurant & Food Service	Sage Management Group
	19505 STEVENS CREEK BLVD	Restaurant & Food Service	Sancha Bar Cupertino
	10877 N WOLFE RD	Restaurant & Food Service	Shanghai Family Restaurant
	20956 HOMESTEAD RD STE A2	Restaurant & Food Service	Shanghai Garden Restaurant
	19634 STEVENS CREEK BLVD	Restaurant & Food Service	SHANGHAI NO. ONE
	10122 BANDLEY DR	Restaurant & Food Service	Sheng Kee Bakery
	10961 N WOLFE RD	Restaurant & Food Service	Sheng Kee Bakery
	10033 SAICH WAY	Restaurant & Food Service	Sizzling Lunch
	<del>19541 RICHWOOD DR</del>	<del>Restaurant &amp; Food Service</del>	<del>Sizzling Pot King</del>
	10825 N WOLFE RD	Restaurant & Food Service	Southland Flavor Cafe
	10275 S DE ANZA BLVD, STE 3026	Restaurant & Food Service	Special Noodle Soup
	10310 S DE ANZA BLVD	Restaurant & Food Service	Spice Klub
	20080 STEVENS CREEK BLVD. #104	Restaurant & Food Service	STAK PARTNERS LLC DBA HOM KOREAN KITCHEN
	20343 STEVENS CREEK BLVD	Restaurant & Food Service	Star Of Celestial Cuisine
	20343 STEVENS CREEK BLVD	Restaurant & Food Service	STAR OF CELESTIAL CUISINE, INC DBA DUAN CHUN ZHEN
	21731 STEVENS CREEK BLVD	Restaurant & Food Service	Starbucks
	22390 HOMESTEAD RD	Restaurant & Food Service	Starbucks
	11111 N WOLFE RD	Restaurant & Food Service	Starbucks

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
20520 STEVENS CREEK BLVD STE A	Restaurant & Food Service	Starbucks
10088 N WOLFE RD STE 130	Restaurant & Food Service	Steins Beer Garden
<del>10088 N WOLFE RD STE 100</del>	<del>Restaurant &amp; Food Service</del>	<del>Stouts Burgers &amp; Beers</del>
19110 STEVENS CREEK BLVD STE B	Restaurant & Food Service	Subway
20916 HOMESTEAD RD STE E	Restaurant & Food Service	Subway
19998 HOMESTEAD RD STE C	Restaurant & Food Service	Subway
21682 STEVENS CREEK BLVD	Restaurant & Food Service	Subway
22352 HOMESTEAD RD	Restaurant & Food Service	Subway
19540 VALLCO PKWY STE 160	Restaurant & Food Service	Sul and Beans/Somisomi Cupertino
19068 STEVENS CREEK BLVD	Restaurant & Food Service	Sushi Hana Express
10211 S DE ANZA BLVD	Restaurant & Food Service	Sushi Kuni Cup, Inc.
<del>10815 N WOLFE RD #101B</del>	<del>Restaurant &amp; Food Service</del>	<del>Sweethoney Dessert</del>
10710 S DE ANZA BLVD	Restaurant & Food Service	Taco Bell
20956 HOMESTEAD RD STE A1	Restaurant & Food Service	Taiwan Porridge Kingdom
10700 S DE ANZA BLVD	Restaurant & Food Service	Taiwanese Bistro Inc
20916 HOMESTEAD RD STE A	Restaurant & Food Service	Taste Good Cupertino
20956 HOMESTEAD RD STE G	Restaurant & Food Service	Tastier Panburger
19449 STEVENS CREEK BLVD STE 120	Restaurant & Food Service	Tea Chansii
20916 HOMESTEAD RD STE F	Restaurant & Food Service	Tea Era Café
21670 STEVENS CREEK BLVD	Restaurant & Food Service	Thai Bangkok Cuisine
21267 STEVENS CREEK BLVD STE 340	Restaurant & Food Service	Thai Square
19620 STEVENS CREEK BLVD., SUITE 180	Restaurant & Food Service	TIGER SUGAR CUPERTINO
20371 STEVENS CREEK BLVD	Restaurant & Food Service	TLT & Grill
10971 N WOLFE RD	Restaurant & Food Service	Tofu Plus
21267 STEVENS CREEK BLVD STE 314	Restaurant & Food Service	Togo's
10869 N WOLFE RD	Restaurant & Food Service	Tong Dumpling
1361 S DE ANZA BLVD	Restaurant & Food Service	TOPPER ASSOCIATES LLC DBA BOBBI'S CAFE
10787 S BLANEY AVE	Restaurant & Food Service	TP Tea
19650 STEVENS CREEK BLVD	Restaurant & Food Service	T-Swirl Crepe
10789 S BLANEY AVE	Restaurant & Food Service	Uzumakiya Udon Izakaya
10445 S. DE ANZA BLVD UNIT 103	Restaurant & Food Service	Vampire Penguin
20010 STEVENS CREEK BLVD	Restaurant & Food Service	Village Falafel
21265 STEVENS CREEK BLVD 201	Restaurant & Food Service	Vitaligent
<del>10520 S. DE ANZA BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Vons Chicken-</del>
10118 BANDLEY DR, STE G	Restaurant & Food Service	Weicha Enterprise LLC
10619 S DE ANZA BLVD	Restaurant & Food Service	Xiang Xiang Noodle

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	10235 S DE ANZA BLVD	Restaurant & Food Service	XLB Kitchen
	10831 N WOLFE RD	Restaurant & Food Service	Yang Bbq
	10235 S DE ANZA BLVD	Restaurant & Food Service	Yard
	20682 HOMESTEAD RD	Restaurant & Food Service	Yayoi
	10660 S DE ANZA BLVD	Restaurant & Food Service	Yiassoo
	19700 STEVENS CREEK BLVD	Restaurant & Food Service	Yogurtland
	20916 HOMESTEAD RD STE E	Restaurant & Food Service	Yoosone Inc
	<del>10700 S DE ANZA BLVD</del>	<del>Restaurant &amp; Food Service</del>	<del>Yoshida Restaurant</del>
	19825 STEVENS CREEK BLVD	Restaurant & Food Service	Yoshinoya Restaurant
	10893 N WOLFE RD	Restaurant & Food Service	YU NOODLE (pending)
	21682 STEVENS CREEK BLVD	Restaurant & Food Service	Yummee Sandwiches
	10881 S BLANEY AVE, STE B	Restaurant & Food Service	Zest Food
	10281 S DE ANZA BLVD	Retail- Shopping Centers	Allario Center- Common Area
	20400 STEVENS CREEK BLVD	Retail- Shopping Centers	Biltmore North
	20735 STEVENS CREEK BLVD	Retail- Shopping Centers	Bottegas Shopping Center- Common Area
	20610 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Byer)- Common Area
	20510 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Mardesich)- Common Area
	10805 N WOLFE RD	Retail- Shopping Centers	Cupertino Village- Common Area
	1601 S DE ANZA BLVD	Retail- Shopping Centers	Dollinger Plaza
	20676 HOMESTEAD RD	Retail- Shopping Centers	Homestead Square- Common Area
	19070 STEVENS CREEK BLVD	Retail- Shopping Centers	Loree Shopping Center- Common Area
	19349 STEVENS CREEK BLVD	Retail- Shopping Centers	Main Street Cupertino- Common Area
	10122 BANDLEY DR	Retail- Shopping Centers	Marina Plaza- Common Area
	19758 STEVENS CREEK BLVD	Retail- Shopping Centers	Marketplace Shopping Center- Common Area
	19620 STEVENS CREEK BLVD	Retail- Shopping Centers	Marketplace Shopping Center- Common Area
	10493 S DE ANZA BLVD	Retail- Shopping Centers	McClellan Square- Common Area
	19505 STEVENS CREEK BLVD	Retail- Shopping Centers	Metropolitan (Mixed Use)- Common Area
	19800 VALLCO PARKWAY	Retail- Shopping Centers	Nineteen-800 (Mixed Use)- Common Area
	19940 HOMESTEAD RD	Retail- Shopping Centers	Oakmont Center- Common Area
	21267 STEVENS CREEK BLVD	Retail- Shopping Centers	Oaks Shopping Center- Common Area
	20051 BOLLINGER RD	Retail- Shopping Centers	Pacific Rim Plaza- Common Area
	19625 STEVENS CREEK BLVD	Retail- Shopping Centers	Portal Plaza- Common Area
	10073 SAICH WAY	Retail- Shopping Centers	Saich Station- Common Area
	10171 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center
	20080 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Biltmore N Retail)- Common Area
	20490 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Cali Mill Park)- Common Area

Strikethrough indicates business closed

\* Asterisk indicates duplicate

**Attachment C.4-1**

**Fiscal Year 2022-2023**

**C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)**

	<b>BUSINESS LOCATION</b>	<b>LICENSE TYPE</b>	<b>BUSINESS NAME</b>
	20488 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Mixed Use)- Common Area
	10065 E ESTATES DR	Retail- Shopping Centers	Shopping Center- Common Area
	10071 E ESTATES DR	Retail- Shopping Centers	Shopping Center- Common Area
	10133 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	10211 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	10555 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	10620 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	10745 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	10991 N DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	1655 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	19110 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	19998 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
	20009 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	20311 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	20352 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
	20600 VALLEY GREEN DR	Retail- Shopping Centers	Shopping Center- Common Area
	20807 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	20916 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
	20956 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
	20990 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
	21000 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	21749 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
	7335 BOLLINGER RD	Retail- Shopping Centers	Shopping Center- Common Area
	20385 STEVENS CREEK BLVD	Retail- Shopping Centers	St. Joseph's Plaza- Common Area
	21678 STEVENS CREEK BLVD	Retail- Shopping Centers	Stanley Square- Common Area
	10629 S FOOTHILL BLVD	Retail- Shopping Centers	Stevens Creek Market Center- Common Area
	19969 STEVENS CREEK BLVD	Retail- Shopping Centers	Travigne Plaza (Mixed Use)- Common Area
	10123 N WOLFE RD	Retail- Shopping Centers	Vallco Shopping Center- Common Area
	10900 N BLANEY AVE	Service Center	PG&E

Strikethrough indicates business closed

\* Asterisk indicates duplicate

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 an annual challenge and impact to City staff. The City classifies illegal dumping of all materials an IDDE actual discharge and it is reflected in the IDDE database. In most cases, the materials dumped are bulky household item 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 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.

Drinking Water Line Failure Discharges

Aging drinking water infrastructure delivery systems continue to cause actual discharges reaching the MS4. Cupertino has two water service providers, San Jose Water Company (SJWC) and California Water Company. The City has instituted a program and has requested the water companies to notify the City of water line failures as soon as possible. In addition, a Planned Water Discharge Form originally developed for fire sprinkler system discharges has been adapted for the water purveyor(s) to submit to the Environmental Programs Division before planned discharges or as soon as possible for unplanned events. The form identifies the date, time, volume, and flow rate to gain better understanding of these discharges and (in the case of planned events) to schedule the IND/IDDE inspector to be present to monitor the discharges and ensure effective BMPs are being deployed. In FY 21-22, SJWC submitted five (5) Planned Water Discharge Forms. Administering this process with San Jose Water continues to be a work in progress, but the communication between the City and SJWC is much improved.

Fire Sprinkler System Planned Water Discharges

In early 2021, the Environmental Programs Division added a building permit application review comment to require notification to the Environmental Programs Division 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 would be required. The City can then schedule the IND/IDDE Inspector to be 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 31 separate forms being submitted for discharge events that the IND/IDDE inspector could witness. This new piloted approach has created considerable staff time impact on the inspector and Program Specialist, however, to date both feel this approach and added educational outreach opportunity has yielded positive results. In addition, the City applies this approach to one major company who occupies multiple offices/campuses within the City and 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

1. Administrative citations: Three citations with escalating fine amounts issued to the same property owner (Cupertino Village Shopping Center) totaling \$1,700.00. The violations were uncontained trash and debris and uncovered waste bins/compactor doors.
2. Fees: A total of \$1,510 in re-inspection fees were issued to the same property owner (Cupertino Village Shopping Center) for multiple 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): Six incidents totaling \$3,175 as follows:
  - Three separate incidents of hydraulic fluid discharges from failed hoses on waste hauler vehicles (\$1,955)
  - One significant San Jose Water Company underground line failure resulting in a discharge to Regnart Creek (\$1,041)
  - One small business who disposed of e-waste in the garbage resulting in a small fire to a waste hauler vehicle (\$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 21-22 Annual Report for a description of activities at the countywide or regional level.

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

Summary of any changes made during FY 21-22:  
 No change.

**C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking**

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

	<b>Number</b>
Discharges reported (C.5.d.iii.(1))	98
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	18
Discharges resolved in a timely manner (C.5.d.iii.(3))	89



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 49 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 14 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 Coordinator 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: community reported, inspector initiated, interdepartmental referral, and outside agency referrals. Of the 98 total discharges investigated, 56 (57%) were community reported, 15 (15%) were inspector initiated, 10 (10%) were interdepartmental referral, and 17 (17%) were other agency referrals. This data shows that 25% of all IDDEs investigated in FY 21-22 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 21-22, there were five (5) 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 21-22, of all the discharges investigated, 80 (81%) were contained to the surface area and did not enter the storm drain system (either private or the MS4). Of the 18 discharges that did reach the storm drain, 11 (61%) 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 these 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 five discharges that exceeded the 10 businesses day compliance period. Summaries of these incidents are as follows:

1. Cupertino Village Shopping Center, 10989 N. Wolfe Road: Large commercial shopping center consisting primarily of food service and one large, anchor grocery store. Habitual overflow of uncontained trash from dumpsters, open waste bin lids, discharge from malfunctioning waste compactor to paved areas, and grease-laden exterior of used cooking oil bins. Due to prior warnings issued for similar violations, three administrative citations were issued to the property owner. The compactor was removed and has not been replaced (waste bins provided by the

- waste hauler are being used). The overflowing trash and pavement was cleaned regularly, however the case was left open for two additional weeks so the IND/IDDE inspector could monitor and confirm no violations continued to occur after the clean-up, so significant time was spent and the case remained open longer than 10 business days. Case open for a total of 35 business days.
2. Hillview Bible Church, 1160 S. Stelling Road: Small church in a residential area was storing construction materials/debris including paint cans and liquid adhesives in an unpaved storage area which was exposed to rainwater and could be a source of runoff. Level 1 verbal warning was issued, one extra day for compliance was granted due to scheduling for the haz-mat paint and adhesive to be disposed through the County HHW program. Case open for a total of 11 business days.
  3. 10195 Viceroy Court: Very slow seep from an underground water line which took considerable time to determine if the leak was to San Jose Water Company property or if the line was owned by the resident at this address. De-chlorination tablets were placed and replenished while research was done to determine ownership of the line at the break point. It was determined to be San Jose Water Company's line and they made repairs. Case open for a total of 12 business days.
  4. 7820 Creeklane Drive: Contractor washed paint from brush cleaning into the gutter which entered the storm drain and the lateral contaminating approximately 100 feet of underground storm drain line. The discharge was immediately isolated and the gutter flow line and storm drain inlet grate were immediately cleaned. Coordinating a private contractor to clean the impacted areas of the storm drain catch basin and the lateral lines took several days to identify a contractor and schedule the work. Level 1 verbal warning was issued at the discretion of the Program Specialist due to the homeowner being assessed \$2,665 to pay for the remediation (paid direct to contractor). All discharge was cleaned and the line jetted point to point. Case open for a total of 12 business days.
  5. Clifford Drive (Area): Recology garbage truck experienced a failed hydraulic line which discharged a stream of hydraulic fluids on several streets in the area of Clifford Drive. The City held the garbage company to coordinate cleanup; however, there were delays reported by Recology in securing a contractor to perform the work. On the day of the discharge, there was absorbent used to perform tertiary clean-up, but it took a total of 11 business days to have the impacted areas surface cleaned.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ► Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii. 3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii. 3.d)
#	#	#	#
3	7	5	99
<p>Comments:</p> <p>On August 30, 2021, 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, 2021), 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 21-22, 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><b>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.</b></p> <p>Does not apply.</p>			

**C.6.e.iii.(3)(e) ► Construction Related Storm Water Enforcement Actions**

	<b>Enforcement Action</b> (as listed in ERP) <sup>1</sup>	<b>Number Enforcement Actions Issued</b>
Level 1 <sup>2</sup>	Verbal Warning	11
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
<b>Total</b>		11

**C.6.e.iii.(3)(f), ► Illicit Discharges**

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

**C.6.e.iii.(3)(g) ► Corrective Actions**

Indicate your reporting methodology below.	
<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	<b>Number</b>
<b>Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered</b> or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	20
<b>Comments:</b>	

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

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:

- Erosion Control = 7
- Sediment Control = 10
- Good Site Management = 3

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 20 total potential and/or actual discharges that were identified, all 20 were corrected within 10 business days through verbal warning.

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

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

Description:

A comparison table is provided below that illustrates inspection findings over six years of MRP 2.0 implementation:

	<b>Erosion Control</b>	<b>Run-on &amp; Runoff</b>	<b>Sediment Control</b>	<b>Active Treatment</b>	<b>Good Site Management</b>	<b>Non-Stormwater Management</b>	<b>Total # of Corrections</b>
FY 21-22	7	0	10	0	3	0	20
FY 20-21	9	0	9	0	4	0	22
FY 19-20	8	0	7	0	3	0	18
FY 18-19	6	0	6	0	2	0	14
FY 17-18	3	1	7	0	8	0	19

FY 16-17	4	5	6	0	7	0	22
FY 15-16	3	4	7	0	5	0	19
Type Totals	40	10	52	0	32	0	134

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

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

Summary:

The Environmental Programs Specialist participates in SCVURPPP's Construction AHTG. Several other inspectors (two Public Works Engineering Inspectors, the IND/IDDE Inspector, three Building Inspectors, and the Environmental Community Assistant) attended the SCVURPPP annual construction site inspection workshops held in March 2022.

The City has one Public Works Engineering Inspector to oversee construction sites determined by the City to be a potential threat to water quality. He conducts multiple inspections and site visits per month at C.3 regulated project sites, hillside sites, high priority sites, and sites disturbing one acre or more of land which must comply with the State's General Construction permit. He enters his inspections and inspection results in the City's C.6 database. Cupertino's Public Works Engineering Inspector is a Certified Erosion, Sediment and Storm Water Inspector (CESSWI) and a Qualified SWPPP Practitioner (QSP). He also conducts the O & M inspections for all permanently installed C3 treatments, controls, and systems on private property in Cupertino.

The Public Works Engineering Inspector's evaluation of the construction inspection program is that awareness about stormwater requirements has been increasing due to outreach and consistent regional requirements and enforcement, which has had a positive effect in reducing the number of actual and threatened discharges. As stormwater pollution impacts and proper BMP management have been widely publicized the inspector has observed a decrease in non-compliance and less resistance in cases where enforcement is required to effect change. The SCVURPP C.6 Workshops have also contributed to wider educational outreach due to BMP device vendors/manufacturers presenting at the workshops the past several years. This provides an increased understanding of products, application, and net effectiveness when on projects sites where deficiencies are identified and BMPs need to be implemented.

Refer to the C.6 Construction Site Control section of the Program's FY 21-22 Annual Report for a description of Program activities.

<b>C.6.f.iii ► Staff Training Summary</b>			
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Inspectors in Attendance</b>
Construction Site Municipal Stormwater Inspector Workshop	March 9, 2022	Erosion control, compost socks/fiber rolls, creek conditions, MRP 3 update	7

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

**C.7.b.i.1 ► Outreach Campaign**

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

Summary:

**City of Cupertino Campaigns are as follows:**

- **Clean Water and Storm Protection Fee Outreach:** The Clean Water and Storm Protection Fee ballot measure passed in July 2019. After the passing of the ballot, the City started a Clean Water Rebate program to help inspire homeowners to consider pervious pavement options for their driveways to help protect creeks from polluted runoff. During the fee renewal process for FY20-21, the rebate amount was increased from \$900 to \$1,800 per residence in an attempt to increase participation. The fee also funds rebates for rain gardens, rain barrels, and rain cisterns through Valley Water's rebate program.

- **GreenBiz Program:** Through the City's GreenBiz program no new businesses were certified, but 3 businesses were re-certified in FY21-22. Cupertino assists, recognizes, and rewards organizations that commit to adopting policies and implementing practices that protect the local environment and public health. GreenBiz Cupertino scaffolds the statewide Bay Area Green Business Program to offer free support to interested small/mid-size businesses, non-profit organizations, and schools to navigate this rigorous certification process. Our team works with these business owners on energy and water conservation, minimizing material use and disposal, preventing pollution, and cost reduction through environmentally preferable practices. There are numerous measures within each category. If the measure applies, businesses will be provided information on benefits of IPM and minimizing use of pesticides to prevent stormwater pollution.

**C.7.c. Stormwater Pollution Prevention Education**

No change.



<b>C.7.d ► Public Outreach and Citizen Involvement Events</b>		
Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.		
<b>Event Details</b>	<b>Description</b> (messages, audience)	<b>Evaluation of Effectiveness</b>
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscope presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Success at reaching a broad spectrum of the community</li> <li>• Number of participants compared to previous years.</li> <li>• Post-event effectiveness assessment/evaluation results</li> <li>• Quantity/volume of materials cleaned up, and comparisons to previous efforts</li> </ul>
Name: Habitat Restoration Project Dates: Throughout the year Location: McClellan Ranch Preserve and Blackberry Farm in Cupertino Region: Local Type: Citizen involvement	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 open spaces and in their own backyards.	FY 21-22: Number of group and public volunteer workdays: 26 Number of youth (college age or younger): 365 Number of adult participants: 150 95% of survey respondents answered 5/5 to the statement "I understand how my actions today have a positive impact on this local ecosystem." 100% of survey respondents answered 5/5 to the statement "I had a good experience at this volunteer event."
Name: High School Stewards and Summer College Interns Dates: Throughout the year Location: McClellan Ranch Preserve and Blackberry Farm in	Presentations were given to students regarding Stevens Creek Watershed. Discussion of the effects of non-permeable surfaces, non-point source pollution, and	FY 21-22: Number of events: 25 Number of participants: 49

**FY 2021 - 2022 Annual Report**  
**Permittee Name: City of Cupertino**

**C.7 – Public Information and Outreach**

<p>Cupertino Region: Local Type: Citizen Involvement</p>	<p>storm water discharge into creek was included as part of general discussion of watershed concepts and students are given hands-on opportunities to do water quality monitoring.</p>	
<p>Name: Water Quality Monitoring with Grassroots Ecology  Date(s): Monthly Events  Location: McClellan Ranch Preserve and several other sites along Stevens Creek in Cupertino, Sunnyvale, and Mountain View  Region: Local Type: Citizen Involvement</p>	<p>Volunteers conduct monthly monitoring of water chemistry  Data recorded and published on website: <a href="https://www.grassrootsecology.org/water-quality-monitoring">https://www.grassrootsecology.org/water-quality-monitoring</a></p>	<p>FY 21-22:  Total number of events: 12  Number of youth (college age or younger): 12  Number of adult participants: 5</p>
<p>Name: Coastal Cleanup Day  Date(s): September 18, 2021  Location: Calabazas Creek</p>	<p>In partnership with Creek Connections Action Group, Cupertino hosted Coastal Cleanup Day at Calabazas Creek in Cupertino. Cupertino promoted the event on social media.</p>	<p>40 volunteers participated with 206 lbs of trash and 13 lbs of recyclables collected within the 2.5 mile stretch of Calabazas Creek. Due to COVID- participation registration was capped at 50 individuals to be able to maintain safe social distancing.</p>
<p>Name: Watershed Day - Watershed Awareness Volunteer Event  Date(s): April 2, 2022  Location: McClellan Ranch Preserve</p>	<p>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.</p>	<p>A total of 94 volunteers attended.</p>
<p>Name: National River Cleanup Day  Date(s): May 21, 2022  Location: Calabazas Creek and Saratoga Creek (Lawrence-Mitty site)</p>	<p>In partnership with Creek Connections Action Group led by Valley Water, Cupertino hosted National River Cleanup Day at Calabazas Creek and Saratoga Creek (Lawrence Mitty site) in Cupertino. Cupertino promoted the event on social media.</p>	<p><b>Calabazas Creek:</b> 60 volunteers participated and collected 375 lbs of trash and 2.5 lbs of recyclables within the approximately 1-mile stretch of Calabazas Creek. Due to COVID-19, participation registration was capped at 50 individuals to be able to maintain safe social distancing.  <b>Saratoga Creek (Lawrence Mitty):</b> This was a private group, so participation was limited. 13 volunteers, including several local elected council members participated, collecting 535 lbs of trash and 50 lbs of recyclables within the</p>

		approximately .5 mile stretch of Saratoga Creek.
<p>Name: The Cupertino Scene- the City's official newsletter          Date: April 2022</p>	<p>The Cupertino Scene, the City's official newsletter, is one method the City uses to communicate with residents to ensure the public has access to useful and important information. In April 2022, the Scene included an article to inform and educate residents to help keep trash and litter from reaching our creeks. It also included information on the City's use of Auto-retractable Curb Inlet Screens (ARS) and Full Trash Capture devices (FTC).</p>	<p>The Scene is mailed to 23,284 homes in Cupertino and is also available online at <a href="https://www.cupertino.org/residents/cupertino-scene">https://www.cupertino.org/residents/cupertino-scene</a></p>
<p>Name: Cupertino Earth Day/Arbor Day          Date: April 24, 2022; 11:00 am to 3:00 pm.          Location: Cupertino Library Field Park (10400 Torre Ave, Cupertino, CA 95014)</p>	<p>Audience: Families with children and general public.          Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, proper car washing, and mercury in fish consumption advisory</p>	<p>General Feedback: This was a new event for SCVURPPP and offered a good opportunity to reach a new audience. The backpacks and the bean bag toss game were very popular at the event.          Estimated Overall Event Attendance: The event was very well attended. 2,500          Number of Brochures/Flyers Distributed: 130          Number of WW Discount Cards Distributed: 70          Number of kids that played the bean bag game: 300</p>
<p>Please reference the Program's FY 21-22 Annual Report for all outreach events that occurred throughout Santa Clara County.</p>		

**C.7.e. ► Watershed Stewardship Collaborative Efforts**

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 21-22, the Program actively supported the Santa Clara Basin Watershed Management Initiative, including the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 21-22 Annual Report.

As a Watershed Watch partner, Cupertino continues to support the Watershed Watch Campaign by promoting educational resources, programs, and events such as reduced rate carwashes and links to Watershed Watch resources from the City's web pages. Staff regularly participates in the Zero Litter Initiative monthly meetings.

<b>C.7.f. ► School-Age Children Outreach</b>			
Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.			
<b>Program Details</b>	<b>Focus &amp; Short Description</b>	<b>Number of Students/Teachers reached</b>	<b>Evaluation of Effectiveness</b>
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Name: Cupertino 3rd Grade Education & Field Trip Program Grade Level: 3rd grade	The 3rd Grade Education and Field Trip Program is very popular with the Cupertino School District and its teachers. Started in 1995, it continues to be refined to update and incorporate new messages. A half hour review of 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.	Schools Hosted: 13 Tours Completed: 17 Classes: 47 Parents (approx.): 96 Students Served: 1078	General Feedback: The 3rd Grade Education and Field Trip Program continues to be popular among students, educators, and parents.

<p>Name: High School Youth Stewards program          Grade: High School</p>	<p>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 writing/art prompts and scientific observation and analysis.</p>	<p>8 high school students participated in the 12-week winter session and 14 students participated in 9-week summer session.</p>	<p>Stewards were surveyed at the beginning and end of each session.</p> <ul style="list-style-type: none"> <li>- 82% know the definition for watershed (40% improvement from beginning)</li> <li>- 48% knew the watershed in which they lived (24% improvement from the beginning)</li> <li>- 87% could list three ways water is connected to the health of an ecosystem</li> <li>- 100% knew the definition for habitat restoration and why it's important</li> </ul> <p>Testimonial:          "The Youth Stewards program gave me a greater appreciation of restoration practices and strengthened my resolve to learn more, volunteer more and do something about the environmental crisis."</p>
<p>Name: Volunteer Stewardship Events          Grade: k-12</p>	<p>Grassroots Ecology provides some dedicated events for youth groups such as scouts and the local 4H club. Participants learn about topics such as soil health, native plants, and riparian ecosystems.</p>	<p>160 youth</p>	<p>Testimonial:          "Our group of Scouts predominantly identifies as part of the immigrant community. These Grassroots Ecology events are fantastic ways for our youth to get involved in the local community, and often these youth are the first in their families to get involved in this way."</p>

<p>ZunZun Musical Assembly          Grade: elementary school</p>	<p>Interactive, musical school assemblies educating K-5 children about watersheds and pollution prevention.</p>	<p>ZunZun reached approximately 11,996 students and conducted 49 livestream and in-person assemblies at 26 elementary schools. In addition, they performed two livestream assemblies for the City of Santa Clara's Arbor Day event. Students from 13 elementary schools attended these two assemblies.</p>	<p>ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 60 evaluation cards from teachers. A few highlights of the evaluations are below:</p> <ul style="list-style-type: none"> <li>• After the performance, 25 teachers reported that 100% of their students knew what a watershed was; 19 teachers reported that 75% of their students knew what a watershed was; and eight teachers reported that 50% of their students knew what a watershed was.</li> <li>• After the performance, 40 teachers reported that 100% of their students could name a way to prevent pollution in the watershed; 15 teachers reported that 75% of their students could name a way to prevent pollution in the watershed; and four teachers indicated that 50% of their students could name a way to prevent pollution in the watershed.</li> </ul>
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Section 9 – Provision C.9 Pesticides Toxicity Controls

<b>C.9.a. ► Implement IPM Policy or Ordinance</b>								
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?					<input checked="" type="checkbox"/> X	Yes	<input type="checkbox"/>	No
If no, explain:								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and <b>suggest reasons for increases in use of pesticides that threaten water quality</b> , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.								
<b>Trends in Quantities and Types of Pesticide Active Ingredients Used<sup>1</sup></b>								
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount <sup>2</sup>							
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22		
<b>Organophosphates</b>	0	0	0	0	0	0		
Active Ingredient Chlorpyrifos	0	0	0	0	0	0		
Active Ingredient Diazinon	0	0	0	0	0	0		
Active Ingredient Malathion	0	0	0	0	0	0		
<b>Pyrethroids (see footnote #2 for list of active ingredients)</b>	0	0	0	0	0	0		
Active Ingredient Type X	0	0	0	0	0	0		
Active Ingredient Type Y	0	0	0	0	0	0		
<b>Carbamates</b>	0	0	0	0	0	0		
Active Ingredient Carbaryl	0	0	0	0	0	0		
Active Ingredient Aldicarb	0	0	0	0	0	0		
<b>Fipronil</b>	0	0	0	0	0	0		
<b>Pesticide Category and Specific Pesticide Active Ingredient Used</b>	<b>Amount</b>							

<sup>1</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>2</sup>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, lambdacyhalothrin, and permethrin.



	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
Indoxacarb	0	0	0	0	0	0
Diuron	0	0	0	0	0	0
Diamides	0	0	0	0	0	0
Active Ingredient Chlorantraniliprole	0	0	0	0	0	0
Active Ingredient Cyantraniliprole	0	0	0	0	0	0
<b>Reasons for increases in use of pesticides that threaten water quality:</b>						
N/A						
<b>IPM Tactics and Strategies Used:</b>						
<ul style="list-style-type: none"> <li>• Five City employees became certified Santa Clara Valley Green Gardeners.</li> <li>• RPM successfully used less-toxic EcoVia EC (active ingredients are thyme oil and rosemary oil) for a roach infestation at the maintenance yard, Sports Center, and Quinlan Community Center.</li> <li>• Chemical use is down in the Grounds and Trees division.</li> <li>• Cheetah Pro is now being used instead of RoundUp at most locations.</li> <li>• Gopher holes are being filled at the golf course.</li> <li>• Traps are being used at the golf course and no rodenticide has been needed.</li> </ul>						

<b>C.9.b ► Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	23
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	23
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%

Type of Training:

**Annual City and Contractor IPM Training**

June 6, 2022 – Due to COVID-19, the Annual City and Contractor IPM Training meeting was again held virtually via Microsoft Teams. All pesticide applicator supervisors and contractors attended, and the City's Naturalist and Park Restoration and Improvement Manager also participated in the discussion. Topics covered included:

- Review of products used over the past year and the pest issues being addressed.
- RoundUp check-in on usage, alternative, and current thoughts. Cheetah Pro is being used at schools.
- Discussed how the City has been bee-friendly this year by monitoring blooms before applying pesticides.
- Pesticide use is down at the golf course and has only been used four months out of the year.
- Chemical use is down in Grounds. Cheetah Pro is being used instead of RoundUp.

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:

- The contracted applicator for Blackberry Farm Golf Course attended the following trainings:  
2/9/22 & 2/10/22 – Golf Course Superintendents Conference & Show – San Diego, with a focus on turf maintenance and how to better maintain turf with the most updated methods available.  
3/3/22 & 3/4/22 – IPM Methods of pesticide reductions & alternatives to pesticides in turf situations – Brooks, CA
- Cupertino Grounds and Trees Division Staff attended the following trainings:  
11/3/2021 - PAPA Zoom Webinar  
Attendees: 1  
11/18/2021 - Understanding Pesticides Webinar  
Attendees: 19  
2/2/2022 - PAPA Zoom Webinar  
Attendees: 10  
2/2/2022 - Virtual School IPM Workshop - "Healthy Schools Act (HSA) Lesson  
Attendees: 5  
3/2/2022 - PAPA Zoom Webinar  
Attendees: 1  
3/30/2022 - PAPA Zoom Webinar  
Attendees: 7  
4/20/2022 - PAPA Webinar  
Attendees: 3  
5/11/2022 - PAPA Monterey  
Attendees: 1  
5/26/2022 - Pesticide Safety  
Attendees: 5

6/2/2022 - PAPA Zoom Webinar  
Attendees: 11  
6/16/2022 - Virtual School IPM Workshop - "Healthy Schools Act (HSA) Lesson  
Attendees: 15  
6/2/2022 - PAPA San Jose  
Attendees: 4

City staff provides ongoing communication throughout the year about updating practices to use the least amount of product possible to control issues.

In addition to safety training, IPM methodology is communicated to pest management staff in regular meetings with their supervisors.

<b>C.9.c ▶ Require Contractors to Implement IPM</b>			
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. In May 2021, RPM used Bell Laboratories EcoVia EC at Senior Center, City Hall, &amp; Corp Yard for cockroach problems. RPM restarted using bait stations at the senior center in June 2019. Baits are changed every month because snails and slugs get into it. Per state law banning second generation anti-coagulant rodenticides, that bait was changed to be in compliance.</p> <p>Each year in spring the contractors attend a City staff roundtable/training meeting to discuss the successes and challenges of IPM measures they used during the current fiscal year and new methods or training that will be pursued in the upcoming fiscal year. Contractors are required to follow applicable City of Cupertino pest-specific IPM plans and report on and submit documentation describing the IPM techniques that were implemented. City supervisors check with contractors to confirm the use of IPM methods, such as monitoring for pests, taking measures to exclude specific pests without using pesticides and using other non-chemical methods.</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>			
N/A			

<b>C.9.d ▶ Interface with County Agricultural Commissioners</b>			
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,	X	Yes	No

<p>If yes, summarize the communication. If no, explain.                  See Section 9 of the SCVURPPP FY 21-22 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.</p>				
<p>Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.</p>	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
<p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.                  N/A</p>				

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

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

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

- FY 21-22 Watershed Watch Campaign Final Report

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 21-22 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 21-22, 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.

**Cupertino Yearly Comparison Summary of Pesticides Used on City property (in pounds unless otherwise noted):**

Active Ingredient	Target Pest	Application Location	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
Acetamiprid	Aphids	Parks	0	528.6 fl oz	4.51 gal	4.71 gal	503.98 fl oz
Acibenzolar-S-Methyl	Pink Snow Mold	Golf	0	0.566 fl oz	0	0	0
Alkylphenol Ethoxylate	Aphid	Trees	480 fl oz	660.7 oz	4.616 gal	4.51 gal	397.70 fl oz
Ammonium Nitrate	Weeds	Grounds	0	0	0	0	0
Azoxystrobin	Fungus	Vegetation	0.074 fl oz	24 fl oz	0.651	0	0
Chlorothalonil	Pink Snow Mold	Golf	0	0	16.38	0.75 gal	0.7475 gal 4.68 lbs
Cholecalciferol	Rats	Facilities	0	0	0	0.01613	0.00844 lbs
Difethialone	Rats	Facilities	0.0003875*	.0002813*	0.000375	0.00009	0
Dinotefuran	Aphids	Median	12.7	1.6	1.8	1.67	20.4 fl oz
Fludioxonil	Pink Snow Mold	Golf	0	0	0	0.03 gal	0
Flumioxazin	Weeds	Grounds	0	0	0	21.56 fl oz	96.88 fl oz
Flutolanil*	Greens	Golf	0	0	0	0	0
Fluxapyroxad	Anthracnose foliar disease	Golf	0	0	0	0.392	3.0093 fl oz
Glufosinate-Ammonium	Weeds	Grounds	0	0	0	1.998 gal	436.84 fl oz
Glyphosate (Roundup)**	Weeds	Various	23.36 gal	24.37 gal	10.711 gal	13.94 gal	18.48 gal
Iprodione	Greens	Golf	0.583 gals 1.53 lbs	1.165 gal	0	0.29 gal	0
Iron Hedta	Weeds	Parks	23.34 fl oz	0	0	0	0
Isoxaben***	Weeds	Medians	18.375	13.45	0.5238 gal 2.25 lbs	2.023	248.84 fl oz

**Cupertino Yearly Comparison Summary of Pesticides Used on City property (in pounds unless otherwise noted):**

Halosulfuron (Methyl-5-3-chloro-1-methyl-1-H-pyrazole-4-carboxylate)	Nutsedge Weeds	Median	0	0	0	0	0
Napthaleneacetic Acid	Weeds		0	0	0	0	0
Oryzalin (Surflan)***	Weeds	Medians	181 fl oz	245.2 fl oz	2.422 gal	0	243.61 fl oz
PCNB	Fungus	Golf	0	0	31.5	0	9 lbs
Pendimethalin	Weeds	Parks	1.6	11.2	1.6	0.8	1.6 lbs
Penoxsulam	Weeds	Golf	0.442 fl oz	1.178 fl oz	0.184 gal	0	0
Polyalkyleneoxide	Surfactant	10362 Bret	0	0	0	0	0
Potassium Phosphite	Fungus	Golf	13.17 fl oz	0	0	0	0
Propiconazole	Pink Snow Mold	Golf	0	0	2.604	0.12 gal	0.12 gal
Pyraclostrobin	Fungus	Golf	0	9.79 fl oz	0	0.78	6.0018 fl oz 0.342 lbs
Tebuconazole	Fungus	Parks	0	0	0	0	0
Thiophanate-Methyl	Fire Blight	Pear Trees	3.075	0.625 gal	0	1.55 gal	0
Triclopyr	Weeds	Facilities	529.24 fl oz	879.48 fl oz	1.007 gal	2.51 gal	97.76 fl oz
Triticonazole	Winter Fungus	Golf	0	0	0	0	0.387 lbs

**Trends in Quantities and Types of Pesticides Used**

Reported as pounds unless otherwise noted

\*The City does not use organophosphates, pyrethroids, or carbaryl pesticides and discontinued the use of fipronil in FY 2010-2011.

\*\* Roundup is popular because the chemical breaks down fast, but the surfactant used is toxic to aquatic wildlife, so staff does not use Roundup near the creeks. "Cut and Dab" on cut stems can be used judiciously with Roundup but no spraying near the creeks.

\*\*\*The Grounds Maintenance Department uses isoxaben and oryzalin as pre-emergents. The City's Pest Control Advisor selected pre-emergents to keep the weeds from germinating instead of spraying glyphosate (post-emergent) in larger quantities to kill the weeds after they emerge. The two active ingredients, particularly when combined, cover a very broad spectrum of weeds therefore requiring a smaller amount of glyphosate than would otherwise be needed. To reduce pesticide use due to overwatering, the City installed drip systems throughout all City property.



**Section 10 - Provision C.10 Trash Load Reduction**

**C.10.a.i ► Trash Load Reduction Summary**

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High, or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage

<b>Trash Load Reductions</b>	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to <b>Trash Full Capture Systems</b> (as reported C.10.b.i)	43.4%
Percent Trash Reduction in all TMAs due to <b>Control Measures Other than Trash Full Capture Systems</b> (as reported in C.10.b.ii) <sup>1</sup>	52.1%
Percent Trash Reduction due to <b>Jurisdiction-wide Source Control Actions</b> (as reported in C.10.b.iv)	0%
<b>SubTotal for Above Actions</b>	<b>95.5%</b>
<b>Trash Offsets (Optional)</b>	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0.3%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0%
<b>Total (Jurisdiction-wide) % Trash Load Reduction through FY 2021-22</b>	<b>95.8%</b>

**Discussion of Trash Load Reduction Calculation:**  
 The City of Cupertino attained and reported 88.2% trash load reduction (including trash offsets) in its FY 20-21 Annual Report. During FY 21-22, the City continued to implement a robust trash control measure program (e.g., small trash capture systems). These actions helped the City maintain its trash load reduction above the mandatory 80% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 21-22 is 95.8% (including trash offsets). The most recent version of the City's Baseline Trash Generation Map can be downloaded at <http://scvurppp.org/trash-maps/>.

<sup>1</sup> See Appendix 10-1 for changes between 2009 and FY 21-22 in trash generation by TMA as a result of Full Capture Systems and Other Measures.  
 FY 21-22 AR Form

<b>C.10.a.iii ► Mandatory Trash Full Capture Systems</b>		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed during FY 21-22, and prior to FY 21-22, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
<b>Type of System</b>	<b># of Systems</b>	<b>Areas Treated<sup>2</sup> (Acres)</b>
<b>Installed in FY 21-22</b>		
Small Full Trash Capture Systems (Private)	31	19.1
<b>Installed Prior to FY 21-22</b>		
Small Full Trash Capture Systems (Public)	156	226.9
Small Full Trash Capture Systems (Private)	319	147.9
Hydrodynamic Separators (Private)	3	10.2
Multi-benefit (Bioretention) Treatment Systems (Private) <sup>3</sup>	6	24.4
<b>Total for all Systems Installed To-date</b>	<b>515</b>	<b>428.5</b>
<b>Treatment Acreage Required by Permit (Population-based Permittees)</b>		<b>64</b>
<b>Total # of Systems Required by Permit (Non-population-based Permittees)</b>		<b>N/A</b>

<sup>2</sup> The City's 2009 baseline trash generation map was reevaluated in FY 21-22 to ensure that jurisdictional areas were assigned the appropriate trash generation category when the original baseline map was created. Additionally, the areas treated by existing trash full capture systems were also evaluated and refined based on more accurate information on drainage patterns and the configuration of the City's MS4. Based on these analyses, some drainage boundaries for trash full capture systems were refined. The refined drainage boundaries are reported in this table and in Appendix 10-1.

<sup>3</sup> In accordance with Permit provision C.10.a.iii, stormwater treatment facilities (i.e., bioretention) implemented in accordance with Provision C.3 are deemed a full capture system if the facility, including its maintenance, prevents the discharge of trash to the downstream MS4 and receiving waters and discharge points from the facility, including overflows, are appropriately screened or otherwise configured to meet the full trash capture screening specification for storm flows up to the full trash capture one year, one hour storm hydraulic specification. Based on this definition, the City has applied a conservative assumption to determine which multi-benefit bioretention facilities should be counted as trash full capture systems. Currently, the City only deems bioretention facilities that are constructed after July 1, 2010 and at a size of at least 3% of the drainage management area (DMA) with a 6-inch ponding depth to meet the trash full capture definition. A technical memorandum describing the analysis conducted by the Santa Clara Valley Urban Runoff Program (SCVURPPP) that supports these criteria is included in the SCVURPPP FY 21-22 Annual Report (see Section 10 of the SCVURPPP report).

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

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 21-22 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 21-22 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA <sup>4</sup>	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 21-22	Summary of Maintenance Issues and Corrective Actions
1	18.4%	515	26%	<p><u>Roadway Trash Full Capture Device Summary</u>                      All publicly owned trash full capture (FTC) devices along roadways in Cupertino are connector pipe screens. These systems are small inlet based devices that treat surface area runoff entering the catch basin with the FTC device. Inspection, cleaning, and maintenance of inlets equipped with these devices is performed twice per year (typically late summer/early autumn) to prepare for the rainy season and occurs again post rainy season (typically in spring). In FY 21-22 the City performed inspection and cleaning of 349 inlet-based trash full capture connector pipe screen devices (two inspections/cleanings per FY- autumn inspections = 175 and spring inspections = 174). During a maintenance event, each device is removed, inspected, and cleaned and the storm drain inlet is vacuumed. In FY 21-22, the City purchased a vactor truck to perform this work. There is a two man crew on the truck that perform the service and work closely with the Program Specialist for any issues encountered. In FY 21-22, the City replaced 13 FTC devices that were found to be failing and become difficult to remove for adequate inspection, cleaning, and vacuuming of the catch basin. The total cost of this project was \$23,600.</p> <p><u>Curb Inlet Screens as Trash Capture and FTC Device Maintenance Aid</u>                      The City's GIS Department has developed an asset management system which tracks the twice-annual inspection and maintenance of publicly owned, inlet-based FTC devices. In FY 21-22, City maintenance crews</p>
2	14.2%			
3	2.3%			
4	5.5%			
5	1.1%			
7	0.0%			
8	1.8%			

<sup>4</sup> TMA 6 is entirely comprised of non-jurisdictional (i.e., K-12 public schools, colleges or universities) and therefore is not reported.  
 FY 21-22 AR Form

9 <sup>5</sup>	0.0%			<p>reported 26% of the inlets with FTC devices were blinded more than 50%. Of the 26%, many of these inlets contain leaf debris from adjacent tree canopies. The City continues to perform street sweeping on a weekly basis on a majority of the streets with the trash full capture devices to keep litter and debris from deposition to the inlets. To further keep the FTC devices free of debris, 131 inlets with FTC devices also have curb inlet screens as an added layer of prevention of leaf and trash deposition to the inlet. The curb inlet screens are an integral component in an effective street sweeping program by keeping litter at street level and out of the inlet where the FTC device is the sole structural method of keeping trash from entering the lateral and ultimately the creeks. In FY 21-22 the City completed a project of identifying older manual-retractable (MRS) and fixed curb inlet screens that were installed over a decade ago and were no longer functioning properly. United Stormwater was retained to remove the older devices and fabricate and replace them with new auto-retractable (ARS) curb inlet screens to match the existing curb inlet screen inventory the City has installed the past few years. The project resulted in the removal of 55 of the older screens and replacement of them with new ARS curb inlet screens. In addition, 22 storm drain inlets with existing FTC devices had ARS devices installed. The total cost for this project was \$56,100.</p> <p><u>Public Parks and City Facility Trash Full Capture</u>                  Approximately 15 years ago the City installed small inlet-based FTC devices in most of the park and building facility parking lots. These devices have been part of a maintenance agreement with the manufacturer, Revel Environmental (REM). REM performs inspection, cleaning, and replacement as-needed three times each calendar year. In FY 21-22, an inventory of these devices was conducted and several devices were determined to be in need of replacement. A total of 19 devices were replaced for a total project cost of \$11,200. It should be noted that these devices and the treated areas have not been included in any of the Annual Reports, however as we update our trash maps, this information will be included.</p>
<b>Total</b>	<b>43.4%</b>			
<p><b>Certification Statement:</b>                  The City of Cupertino certifies that a full capture system maintenance and operation program is consistently being implemented to maintain all its full capture devices (connector pipe screens) in a manner that meets the full capture system requirements included in the Permit.</p>				

<sup>5</sup> TMA 9 is comprised entirely of low trash generating areas.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)	
<p>Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels, and areal extent of implementation, and whether actions are new, including initiation date.</p> <p>The Environmental Programs Specialist reviews building and planning permit applications to screen for opportunities and for compliance with municipal code and City policies related to stormwater pollution prevention. The following are required for many projects reviewed:</p> <ol style="list-style-type: none"> <li>1) Food facilities that do not have an existing trash enclosure or do not have a roof on an existing trash enclosure must construct new covered trash enclosures or construct a roof over an existing trash enclosure that does not already have one;</li> <li>2) Installation of trash full capture systems in storm drain systems/inlets for properties in medium, high, and very high TMAs;</li> <li>3) Installation of storm drain inlet medallions reading "No Dumping Drains to Bay" on each storm drain inlet;</li> <li>4) Installation of at least one waste trio station which is a receptacle set (trash/recycling/compost) situated adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention ordinance;</li> <li>5) Encourage installation (not a codified requirement) of at least one cigarette filter urn situated adjacent to the public right-of-way for public and employee use. The urns are frequently connected to the trio, but in some instances they are located elsewhere along the sidewalk or private property to comply with the City's smoking ordinance.</li> </ol> <p>It should be noted that based on the scope of work for a building or planning permit application, not all of the above requirements may be applied based on the permit project scope of work or overall project valuation.</p>	
TMA	Summary of Trash Control Actions Other than Full Capture Systems
<b>TMA 1</b>	<p>As standard conditions of approval (COAs) for new and redeveloped commercial properties, the City required the following in this TMA (High Trash Generation Area) for three private commercial property remodeling projects:</p> <p><u>10605 N. Wolfe Road- Courtyard by Marriot Hotel (3.3 acre site):</u></p> <ol style="list-style-type: none"> <li>1. Construction of a new covered trash enclosure (prior enclosure was only a fenced in area with no roof and a storm drain inlet where trash bins were stored). When the new enclosure was constructed, the storm drain inlet was relocated away from the trash enclosure and treated with a trash full capture device;</li> <li>2. Installation and treatment of all storm drain inlets on the property (8/8 inlets) with State-certified trash full capture devices (and an ongoing maintenance agreement for each);</li> <li>3. Installation of "No Dumping Drains to Bay" medallions on all storm drain inlets;</li> <li>4. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance;</li> <li>5. Installation of one cigarette filter urn attached to the trio.</li> </ol> <p><u>11111 N. Wolfe Road- 7 Leaves Tea House (acreage not known as this is a stand alone building within the larger Cupertino Village shopping center that has install inlet based trash full capture devices in prior years):</u></p>

	<ol style="list-style-type: none"> <li>1. Construction of a new covered trash enclosure (prior enclosure was only a fenced in area with no roof);</li> <li>2. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance.</li> </ol> <p><u>10100 N. Tantau Avenue- Apple (9.4 acre site):</u></p> <ol style="list-style-type: none"> <li>1. Installation and treatment of all parking lot storm drain inlets on the property (16/16 inlets) with State-certified trash full capture devices;</li> <li>2. Installation of "No Dumping Drains to Bay" medallions on all sixteen inlets;</li> <li>3. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance;</li> <li>4. Installation of one cigarette filter urn.</li> </ol> <p>In addition to the above, within the right-of-way, the City:</p> <ol style="list-style-type: none"> <li>1. Installed 19 new United auto-retractable screens (ARS) on inlets that did not have one. In addition 28, older manual-retractable and/or fixed curb inlet screens were removed and replaced with new ARS.</li> <li>2. Replaced 13 FTC devices that were found to be failing and become difficult to remove for adequate inspection, cleaning, and vacuuming of the catch basin.</li> </ol>
<p><b>TMA 2</b></p>	<p>As standard conditions of approval (COAs) for new and redeveloped commercial properties, the City required the following in this TMA (High Trash Generation Area) for one existing gas station:</p> <p><u>21530 Stevens Creek Blvd- 76 Gas station (0.7 acre site)</u></p> <ol style="list-style-type: none"> <li>1. Installation and treatment of all storm drain inlets on the property (2/2 inlets) with State certified trash full capture devices which are equipped with hydrocarbon media filters;</li> <li>2. Installation of "No Dumping Drains to Bay" medallions on both storm drain inlets;</li> <li>3. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance.</li> </ol> <p>In addition to the above, within the right-of-way, the City:</p> <ol style="list-style-type: none"> <li>1. Installed two new United auto-retractable screens (ARS) on inlets that did not have one;</li> <li>2. Seven older manual-retractable curb inlet screens were removed and replaced with new ARS.</li> </ol>
<p><b>TMA 3</b></p>	<p>As standard conditions of approval (COAs) for new and redeveloped commercial properties, the City required the following in this TMA for one private redeveloped parcel:</p> <p>There were no construction projects within this TMA where trash control actions were implemented. This TMA primarily consists of a large PG&amp;E Service Center which is inspected annually through the C.4 IND program.</p>

<p><b>TMA 4</b></p>	<p>As standard conditions of approval (COAs) for three redeveloped commercial properties, the City required the following in this TMA (Medium Trash Generation Area) for redevelopment of a large, multi-tenant retail building and two large professional office buildings:</p> <p><u>19900 Stevens Creek Blvd- Shane Company and other tenants (1.9 acre site):</u></p> <ol style="list-style-type: none"> <li>1. Installation and treatment of all parking lot storm drain inlets on the property (6/6 inlets) with State-certified trash full capture devices;</li> <li>2. Installation of "No Dumping Drains to Bay" medallions on all inlets;</li> <li>3. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance;</li> <li>4. Construction of one covered trash enclosure to enclose the all waste bins used on the the property.</li> </ol> <p><u>10200 N. De Anza Blvd.- untenanted office building (1.3 acre site):</u></p> <ol style="list-style-type: none"> <li>1. Installation and treatment of all storm drain inlets on the property (1 inlet) with State-certified trash full capture device. This property owner elected to install a connector pipe screen type device at the last storm drain inlet which treats all other drainage from inlets located upstream of the treated inlet. Engineered plans were provided and verified by the Program Specialist that treatment of the entire site was achieved;</li> <li>2. Installation of "No Dumping Drains to Bay" medallions on all eight inlets;</li> <li>3. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance.</li> </ol> <p><u>10385 Bandlely Drive- Apple Office Building (3.9 acre site):</u></p> <ol style="list-style-type: none"> <li>1. Installation and treatment of all parking lot storm drain inlets on the property (4/4 inlets) with State certified trash full capture devices;</li> <li>2. Installation of "No Dumping Drains to Bay" medallions on all four inlets;</li> <li>3. Installation of one waste trio receptacle set (trash/recycling/compost) adjacent to the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance.</li> </ol>
<p><b>TMA 5</b></p>	<p>TMA 5 contains one of the City's two trash hot spot areas. In addition to the MRP-required hot spot assessments and cleanups, staff conducts extra trash cleanups in this area each year. In FY 21-22, four additional trash cleanups were conducted and a total of (1.6 cubic yards) of litter and trash were removed. The area staff cleans during these extra trash cleanups exceeds the area defined in the MRP as a designated hot spot.</p> <p>As standard conditions of approval (COAs) for new and redeveloped commercial properties, the City required the following in this TMA (Medium Trash Generation Area) for two professional commercial private property redevelopment projects:</p> <p>There were no construction projects within this TMA where trash control actions were implemented.</p>

<p><b>TMA 7</b></p>	<p>This TMA consists of city parks, schools, and churches. It is partially treated by full capture devices within neighboring TMAs. City parks continue to be maintained multiple times per week by maintenance crews and many City parks and City facilities have inlet-based trash full capture devices installed in parking areas used by patrons of the facilities. The City contracts with the trash full capture vendor, REM, to inspect and clean the devices three times per year. In FY 21-22 the City replaced 19 trash full capture devices in TMA 7 that were found to not be functioning at optimal performance.</p> <p>This TMA is the site of the second of two creek hot spots (the other being Stevens Creek as described in TMA 5 above) and is the location of both of the community creek clean up events (Coastal Clean Up Day and National River Clean Up Day). In FY 21-22 during Coastal Clean Up Day, for the first time the City hosted two events at two different creeks. Calabazas Creek is the standard site, however this year a smaller event was held in Saratoga Creek in a location the City recently acquired for a future park along the creek. This was a pilot event which had a positive outcome. In FY 22-23, due to Valley Water conducting construction making Creekside Park (the Calabazas Creek meeting site for both Coastal Clean Up and National River Clean Up Day) not accessible, the new Saratoga Creek location will be the community cleanup site for National River Cleanup Day 2022 and possibly additional events in the future.</p>
<p><b>TMA 8</b></p>	<p>With the exception of approximately 12.49 acres of multi-family residential property, this TMA is a C.3. regulated project wherein all drain inlets that connect to the City's storm drain system are treated with full capture and LID. Per Cupertino municipal code, section 9.18.115, All Regulated Projects must install full trash capture devices to collect litter and debris from their project site, prior to connecting to the City's storm drain collection system. The project which comprises most of this TMA is a new corporate campus. Apart from the visitor center, this campus is not open to the general public.</p>
<p><b>TMA 9</b></p>	<p>TMA 9 is primarily comprised of residential properties and as such, is a low trash generation area. This area does however contain two public golf courses along a riparian area which are inspected annually as part of the IND program.</p>
<p><b>TMAs 1, 2, 3, 4, 5, 7, and 8</b></p>	<p><b>Anti-littering enforcement:</b> Litter Prevention municipal code Section 9.18.215 requires private commercial property owners to maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. City staff enforce compliance during IND inspections and in response to reports from the public and agency staff through the IDDE program. Re-inspection fees may be assessed for each staff visit to verify compliance after the initial inspection. An annual courtesy letter is mailed to property owners and site operators informing them their commercial site will be inspected at some point within the year and any deficiencies that cannot be resolved while the inspector is on site will result in a \$302 reinspection fee (per inspection) to cover the cost of the inspector's time and to incentivize active site management for trash and other pollutant discharges (actual or potential) and appropriate and effective implementation of BMPs. Refer to Sections C.4 and C.5 of this report for additional information concerning enforcement through the IND and IDDE program.</p>
<p><b>TMAs 5 and 7</b></p>	<p><b>On-land Cleanup:</b> Additional cleanups were conducted at the City's two hot spots. The hotspot on Calabazas Creek is cleaned during the required assessment and typically, twice more during popular volunteer events in May and September. Stevens Creek was being cleaned by staff monthly until FY 17-18, when trash and litter reduction had been noticeably reduced and bi-monthly cleanups were deemed sufficient. In FY 21-22, staff conducted four additional cleanups at CUO02 exceeding requirements of the MRP, and cleaned beyond the required assessment area one time at CUO01. The amount of trash remains at a level that bi-monthly cleanups should be sufficient providing staff availability can be maintained for this extra work.</p>
	<p><b>Other Types of Actions:</b> The Environmental Programs Division (Stormwater Program) reviews residential and non-residential development and construction projects at the time of permit submittal. Through this process the City requires full trash capture systems on properties that connect to the City's storm drain system at all commercial and multi-family project sites. Maintenance</p>



<p><b>TMA 1, 3, 4, and 8</b></p>	<p>of the devices is re-checked during IND and IDDE inspections. In FY 21-22 a total of seven reviewed projects were completed in TMA 1, 2, and 4, which resulted in the following:</p> <ol style="list-style-type: none"> <li>1. 37 inlet-based full trash capture devices being installed;</li> <li>2. 44 “No Dumping Drains to Bay” medallions were installed;</li> <li>3. 3 new covered trash enclosures were constructed.</li> </ol>
<p><b>TMA 1, 3, 4, and 8</b></p>	<p><b>Improved Trash and Cigarette Filter Management:</b> The City requires commercial and multi-family residential redevelopment project owners to permanently install and maintain outdoor public waste/recycling/compost “trios” with a cigarette filter urn to provide disposal opportunities for pedestrians. Trios and cigarette urns are requested (this is not currently codified in the municipal code) to be installed on private property adjacent to the public sidewalk to provide convenient opportunities for pedestrians walking with food packaging/beverage containers to dispose of their trash and cigarette filters. In FY 21-22 in TMA 1, 2, and 4:</p> <ol style="list-style-type: none"> <li>1. 8 litter trios were installed;</li> <li>2. 4 cigarette filter urns were installed.</li> </ol> <p>There were fewer cigarette urns installed as Apple has established designated smoking areas and have already provided cigarette filter urns in these locations, so they were only required to install the trios. Additionally, due to the City’s smoking ordinance, cigarette urns may not be installed near building entrances and in the case of one restaurant, this requirement was not enforced as it would have been in conflict with the municipal code.</p>
<p><b>TMA 1, 2, 3, 4, 5, and 7</b></p>	<p><b>Street Sweeping:</b> Street sweeping was conducted weekly in all retail and commercial areas (high and medium trash generation areas). Street sweeping has been maintained at normal levels throughout the COVID-19 pandemic.</p>
<p><b>All TMAs</b></p>	<p><b>Storm Drain Inlet Inspection/Cleaning/Summary:</b> The City has developed an asset management system (CityWorks) that tracks all City owned and maintained stormwater structures, inlets, trash full capture devices, auto-retractable curb screens, no dumping inlet medallions, and includes maintenance history. This management system shows the following in all TMAs:</p> <ol style="list-style-type: none"> <li>1. 98.3% of all City maintained storm drain inlets have “No Dumping Drains to Bay” medallions installed;</li> <li>2. 175 City owned and maintained storm drain inlets are fitted with State Water Board certified full trash capture devices (connector pipe screen style);</li> <li>3. 100% of the above referenced 175 storm drain inlet full trash captures were inspected and cleaned twice during FY 21-22;</li> <li>4. 282 City owned and maintained storm drain inlets are fitted with retractable curb inlet screens (screens are inspected for functionality during the annual storm drain inlet inspections);</li> <li>5. 138 City owned and maintained storm drain inlets are fitted with both retractable curb inlet screens and trash full capture devices..</li> </ol>

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

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 21-22 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

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

X

**Explanation:** No OVTAs were conducted in TMA #9 because the entire TMA is low trash generating.

TMA ID <sup>4</sup> or (as applicable) Control Measure Area	Total Street Miles <sup>6</sup> Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Available Street Miles Assessed	Avg. # of Assessments Conducted at Each Site	
1	1.1	0.3	22.7%	7.0	18.0%
2	0.3	0.1	34.4%	7.0	3.8%
3	0.5	0.1	23.4%	7.0	6.2%
4	3.0	1.4	46.9%	6.9	7.9%
5	1.2	0.4	32.9%	4.0	2.7%
7	3.6	1.2	35.1%	6.7	5.7%
8	1.9	0.5	26.5%	7.0	7.8%
9 <sup>5</sup>	0.0	0.0	0.0%	0.0	0.0%
<b>Total</b>		<b>4.0</b>	<b>--</b>	<b>--</b>	<b>52.1%</b>

<sup>4</sup> Street miles are defined as the street length and do not include street median curbs.  
 FY 21-22 AR Form 10-10

**C.10.b.iv ▶ Trash Reduction – Source Controls**

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
Single Use Bag Ordinance	City of Cupertino banned free distribution of plastic shopping bags (Oct 1, 2013).	The City's enforcement is accomplished annually through IND inspections, reports from the public and reports from agency staff who are trained to watch for violations. During COVID there were a couple of reported sightings of non-compliant bags, but no violations were observed for the single-use bag ordinance upon investigation by staff.	<p>According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carryout bags contribute about 8% of the total litter loading to local receiving waters by municipal stormwater.</p> <p>Results from the SCVURPPP Study which characterized trash in full capture systems pre- and post-ordinance in the Santa Clara Valley indicate that 72% fewer single-use bags are observed in stormwater since ordinances have gone into effect.</p> <p>Based on the results of the SCVURPPP study, the City estimates an approximate 72% reduction in the number of single-use bags in stormwater, which equates to a 5.8% (i.e., 72% x 8%) reduction of trash discharged from the City's stormwater conveyance system.</p>	5.8% City is not claiming this credit
Expanded Polystyrene Food Service Ware Ordinance	City of Cupertino banned commercial use and distribution of Styrofoam™ food and beverage ware (July 1, 2014).	The City's enforcement is accomplished through annual IND inspections, reports from the public, and reports from agency staff who are trained to watch for violations.	According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, expanded polystyrene food service ware contributes about 6% of the total litter loading to local receiving waters by municipal stormwater.	4.4% City is not claiming this credit

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

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

			<p>Results from the SCVURPPP Study (FY 15-16 countywide study), which characterized trash in full capture systems pre- and post- ordinance in the Santa Clara Valley, indicate that 74% less expanded polystyrene food service ware is observed in stormwater since ordinances have gone into effect.</p> <p>Based on the results of the SCVURPPP study, the City estimates an approximate 74% reduction in the volume of polystyrene food service ware in stormwater, which equates to a 4.4% (i.e., 74% x 6%) reduction of trash discharged from the City's stormwater conveyance system.</p>	
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**C.10.c ► Trash Hot Spot Cleanups**

Provide the FY 21-22 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 21-22.

Trash Hot Spot	New Site in FY 21-22 (Y/N)	FY 21-22 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
CU001	N	9/18/21	0.6	1.1	5.7	0.02	0.5	0.6
CU002	N	1/27/22	0.1	0.02	0.8	0.1	0.1	0.5

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

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

Description of Significant Revision	Associated TMA
No new significant changes have been made to the City's Long-Term Trash Load Reduction Plan. The City's baseline trash generation map has not been revised. The City has been waiting for the results of the curb screen inlet study to decide which trash capture devices make the most sense to install in remaining untreated areas. Since the City is over 88% reduction, staff are taking extra time to thoughtfully consider options and determine the final actions that will take the City to no visual impact.	All TMAs
In FY 19-20, the City refined its Baseline Trash Generation Map based on new information on the levels of trash generated on private lands that drain to inlets located on those properties, but are connected to the City's MS4. In FY 17-18, a total of 528 acres of land area were identified by the City as draining to inlets located on private lands and potentially generating low levels of trash. The process followed to identify these areas was described in the City's FY 17-18 Annual Report and was conducted to address MRP Permit Provision C.10.a.ii.b (Trash Generation Area Management - Identification of Private Drainages >10,000 ft <sup>2</sup> ). Maps identifying 528 acres of land area were submitted to the San Francisco Bay Regional Water Quality Control Board (Water Board) in September 2018 with the City's FY 17-18 Annual Report.  To gain additional information of the baseline trash levels on these land areas, the City conducted On-land Visual Trash Assessments (OVTAs) in FY 19-20 on parcels that comprised the 528 acres. These parcels had not been assessed during the initial development of the City's baseline map, so the OVTAs conducted in FY 19-20 were the first time these parcels were evaluated for trash generation levels. Two field-based OVTAs using OVT Protocol C – Area-based Survey (EOA 2018) were conducted for each parcel to confirm parcel accessibility, existence of an inlet, and current trash generation levels. Based on previous technical studies (BASMAA 2017), two assessments events with "A" OVT scores are needed to identify a parcel as "Low trash generating." If the first assessment event yielded an OVT score other than an "A", the second assessment event was canceled. Two consultant staff trained in Protocol C conducted all OVTAs. To the extent possible, assessments were	All TMAs

<p>performed directly prior to reoccurring trash control measures on parcels to depict maximum trash generation levels.</p> <p>Based on the results of the OVTAs, 322 of the 528 acres of original were reclassified as "low trash generation" on the City's Baseline Trash Generation Map. The refined version of the City's map can be downloaded at <a href="http://scvurppp.org/trash-maps/">http://scvurppp.org/trash-maps/</a></p>	
<p>In FY 21-22, the City conducted a thorough evaluation of its baseline trash generation map, treatment areas for existing trash full capture systems, and identified which multi-beneficial (bioretention) treatment facilities installed in the City meet the trash full capture design standard, as described in the MRP. The City's 2009 baseline trash generation map was reevaluated to ensure that jurisdictional areas draining to the City's MS4 are included on the map and that these areas were assigned the appropriate trash generation category when the original baseline map was created. Based on the findings of this evaluation, the City's baseline map was refined and now provides a much more accurate illustration of both its jurisdictional areas and the associated baseline level of trash that was generated on these areas in 2009. The areas treated by existing trash full capture systems were also evaluated and refined based on more accurate information on drainage patterns and the configuration of the City's MS4. These refined treatment area boundaries provide a much more accurate illustration of the land areas draining to these full capture systems. Lastly, in FY 21-22 the City began to identify which existing multi-beneficial (bioretention) treatment facilities achieve the trash full capture design standard, as described in the MRP and the State Water Resources Control Board fact sheets on multi-beneficial full capture systems. A technical memorandum describing the analysis conducted by the Santa Clara Valley Urban Runoff Program (SCVURPPP) that supports the criteria used to identify the applicable bioretention facilities is included in the SCVRUPPP FY 21-22 Annual Report (Section 10). The City's Long-term Trash Load Reduction Plan was updated with these refined jurisdictional areas and full capture treatment drainage boundaries and refined baseline trash generation levels, which are included in Appendix 10-1 of this report.</p>	<p><b>All TMAs</b></p>

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 21-22. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 21-22	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	Additional cleanups were conducted at the City's two hot spots. The hotspot on Calabazas Creek is cleaned during the required assessment and twice more during popular volunteer events in May and September. Stevens Creek was being cleaned by staff monthly until FY 17-18, when trash and litter reduction had been noticeably reduced and bi-monthly cleanups were deemed sufficient. In FY 21-22, staff conducted additional cleanups at CUO02 and staff cleaned beyond the assessment area at CUO01, exceeding requirements of the MRP. The amount of trash remains at a level that bi-monthly cleanups should be sufficient providing staff availability can be maintained for this extra work.	1.6	0.3%
Direct Trash Discharge Controls (Max 15% Offset)	NA	NA	NA

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 21-22.<sup>1</sup>

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	46	45	144	0	235	128	35	71	0	235	18.4%	208	26	0	0	235	18.0%	36.4%
2	12	0	74	0	86	70	0	16	0	86	14.2%	86	0	0	0	86	3.8%	18.1%
3	83	21	30	0	134	97	16	21	0	134	2.3%	134	0	0	0	134	6.2%	8.5%
4	119	210	3	0	331	205	124	1	0	331	5.5%	331	0	0	0	331	7.9%	13.4%
5	105	59	1	0	164	121	43	0	0	164	1.1%	164	0	0	0	164	2.7%	3.8%
7	141	92	0	0	233	141	92	0	0	233	0.0%	233	0	0	0	233	5.7%	5.7%
8	28	203	0	0	231	57	174	0	0	231	1.8%	184	47	0	0	231	7.8%	9.6%
9	5,215	0	0	0	5,215	5,215	0	0	0	5,215	0.0%	5,215	0	0	0	5,215	0.0%	0.0%
<b>Totals</b>	<b>5,749</b>	<b>630</b>	<b>251</b>	<b>0</b>	<b>6,630</b>	<b>6,035</b>	<b>485</b>	<b>110</b>	<b>0</b>	<b>6,630</b>	<b>43.4%</b>	<b>6,556</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>6,630</b>	<b>52.1%</b>	<b>95.5%</b>

<sup>1</sup> Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).



Section 11 - Provision C.11 Mercury Controls

- C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ► Assess Mercury Load Reductions from Stormwater**
- C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads**

Summary:

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 21-22, the County's HHW Program served a total of 38,009 Santa Clara County residents and collected a total of 2,839,924 pounds of hazardous waste which was managed safely and legally. In addition, the County's CESQG program served 309 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 21-22 included:

- Total fluorescent lamps collected – 83,204 pounds
- Total household batteries collected – 142,417 pounds
- Elemental Mercury - 495 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 21-22.

Mercury-containing products collected through these City coordinated services include:

- Total fluorescent lamps collected: 3,059 pounds
- Total household batteries collected: 7,211 pounds
- Total E-Waste collected: 64,169 pounds

See the Program's FY 21-22 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;

- A description of how the BASMAA Interim Accounting Methodology<sup>1</sup> was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

**C.11.e ► Implement a Risk Reduction Program**

A summary of Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish are included in the Program's FY 21-22 Annual Report.

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

Section 12 - Provision C.12 PCBs Controls

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

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

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

See the Program's FY 21-22 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology<sup>1</sup> was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

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

See the Program's FY 21-22 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; and
- A running list of the applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for (since the date the PCBs control program was implemented) that had material(s) with PCBs at 50 ppm or greater, with the address, demolition date, and brief description of PCBs control method(s) used.

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

**C.12.h ► Implement a Risk Reduction Program**

A summary of Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish are included in the Program's FY 21-22 Annual Report.

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

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.

For situations where there is a discharge from cleaning or treating copper architectural features, the City's IND/IDDE Inspector will investigate the discharge in accordance with the IND/IDDE ERP. In FY 21-22 there were no such discharges reported.

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

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

Summary:

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.

In FY 21-22, there were three reported IDDE discharges of pool, spa, and fountain water as follows:

- The City received a report that a pool water recycling company discharged pool water to the gutter and a very small amount entered the inlet but did not reach the basin. Inspector immediately responded, issued a verbal warning, and the mobile business database for SCVURPPP was updated.
- The City received an anonymous report of pool water being discharged to the gutter and storm drain. Inspector followed up in the area and with the homeowner, who denied the discharge. Due to rain, the gutter and catch basin were already wet with rainwater so the inspector could not substantiate the allegation. Outreach and education was provided to the homeowner; no reporting person was available for contact.
- The City received a complaint that a resident was draining water from a small pond into the street. The water was not chlorinated and there was a low volume. The inspector opted to issue a verbal warning and provide education.

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

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

Summary:

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. There are, however, other sources such as automotive repair, maintenance (car wash), or garden center/golf course facilities that conduct repairs or sell/use products that are potential sources of copper pollution. In FY 21-22, a total of 7 of these facilities that have the potential for a presence of copper effluent/discharges were inspected through the IND program as follows:

- 2 golf courses (ponds, water features, pesticide use)
- 1 utility (PG&E) service yard
- 2 automotive repair facilities (brake parts/dust, switches, lighting)
- 2 garden centers (pesticide retailer)

Of the 7 facilities inspected, there were zero copper discharges found during the inspections. These sites will be inspected in FY 22-23 through the IND program to ensure continued compliance.

In addition to inspecting these types of facilities which are prone to having copper generating processes, all businesses inspected through the IND program 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/IDDE program in FY 21-22, there were no copper discharges identified from rooftop equipment.

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

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

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

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

Summary:

Climate Victory Gardens

For a limited time, Cupertino residents, multi-family properties and non-profit organizations have the opportunity to apply for expert technical assistance to install a Climate Victory Garden that conserves water and reduces carbon emissions. The City has 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.

Promotion of conservation programs

The City continues its partnership with Grassroots Ecology (Acterra) and the City's Naturalist to promote several volunteer-based conservation programs, including Youth Stewards and a variety of community and group volunteer days. 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. These events are promoted online at [www.grassrootsecology.org/volunteer](http://www.grassrootsecology.org/volunteer)

Hardscape conversion rebate program

In FY 19-20, the City passed a parcel based Clean Water Fee. The Clean Water and Storm Protection Fee provides funding to prevent trash and other pollutants from flowing into local creeks and the Bay, where it can harm fish and other wildlife. It also ensures proactive maintenance of infrastructure to protect local property from flooding. Part of the fee included a hardscape conversion rebate program. Permeable pavement options include specific blends of concrete that allow water to soak through as well as a variety of pavers such as pervious pavers or interlocking concrete pavers spaced to allow gravel or other types of fill between them that enable water to soak in. To be permeable, specifically designed layers of material such as open-graded aggregate need to be installed underneath the pavement to allow for proper soaking and drainage. Clean Water & Storm Protection projects must be installed by a professional landscape or other qualified contractor licensed to

perform work in the State of California to be eligible. The contractor must certify that site specific conditions were considered when determining cross sections of installed hardscape. Contractor's certification and proof of payment must be received within 90 days of project completion. The property owner must agree to maintain hardscape in accordance with manufacturer's recommendations. In FY 21-22, qualifying projects were eligible to receive a rebate of \$3 per square foot of impervious surface removed to a maximum rebate amount of \$900. However, due to low participation, the maximum rebate was increased to \$1800. In FY 21-22 there was one residential driveway that converted their concrete driveway to a permeable concrete surface and took advantage of the rebate program.

Rainwater Capture Rebate Program

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, or rain gardens. Interested Cupertino residents can work directly with Valley Water for rebate assistance.

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 at the City's annual IPM meeting, 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. The annual meeting is also a round table discussion of practices that worked over the past year and new IPM methods that they'd like to try in the upcoming year. 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.

Composting

Between March and October, the City provides free compost to residents on Friday and Saturday mornings. The compost site will continue to be open on Fridays and Saturdays from 8:00 a.m. to noon through mid-November. Cupertino residents are offered 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 runoff from overwatering. Residents can also attend free home composting workshops hosted by the County in contract with the University of California Cooperative Extension. 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.

Promotion of drought tolerant and native vegetation

Cupertino encourages its residents to plant drought tolerant vegetation by promoting the Santa Clara Valley Water District's (SCVWD) Landscape Rebate Program on the City website and at local events. The City contributes an additional \$1.00 per square foot to the Water District's rebate for Cupertino residents who replace their lawn with approved drought tolerant plants listed in SCVWD's Plant List.



Promotion of outreach messages to encourage appropriate watering/irrigation practices

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](http://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 Water District 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.