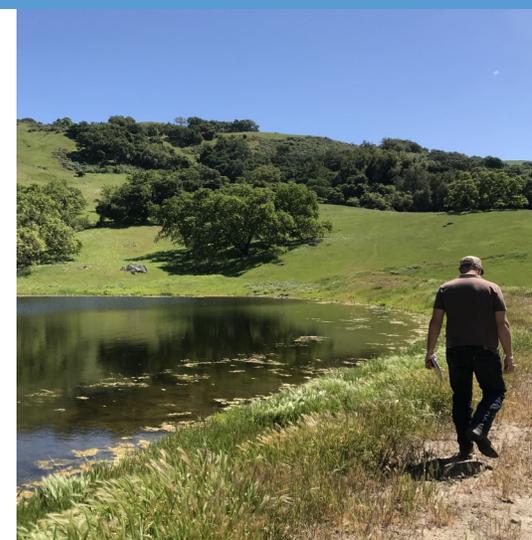




**County of Santa Clara
Municipal Regional Stormwater NPDES Permit
Annual Report FY 18-19**

September 30, 2019



County of Santa Clara Annual Report 2018-2019

September 2019

Acknowledgements

***This report was prepared by the County of Santa Clara Clean Water Program
in collaboration with the following County partner agencies:***

Department of Environmental Health: Consumer Protection Division

Department of Environmental Health: Hazardous Materials Compliance Division

Department of Planning and Development: Land Development and Engineering

Office of the County Executive: Integrated Pest Management Program

Department of Roads and Airports

Department of Parks and Recreation

Department of Facilities and Fleet

County of Santa Clara
Consumer and Environmental Protection Agency



1553 Berger Drive
Building 1, 2nd Floor
San Jose, CA 95112-2716
(408) 918-4600
www.CEPASCC.org

September 30, 2019

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

Subject: County of Santa Clara FY 2018-2019 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by County of Santa Clara ("County") 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 Annual Report provides documentation of activities conducted during FY 2018-2019 and consists of the following:

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

Please contact Vanessa Marcadejas, Clean Water Program Manager, at (408) 282-3165 regarding any questions or concerns.

Sincerely,

Jo Zientek
Director

Consumer and Environmental Protection Agency

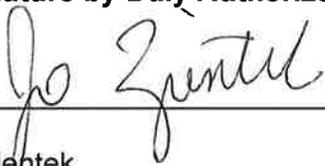
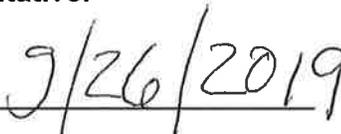
Board of Supervisors: Cindy Chavez, Mike Wasserman, Dave Cortese, Susan Ellenberg, S. Joseph Simitian
County Executive: Jeffrey V. Smith

**COUNTY OF SANTA CLARA
FY 2018-2019 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:

Jo Zientek

Date

Director

County of Santa Clara

Consumer and Environmental Protection Agency

FY 2018-2019 Annual Report

Permittee Name: County of Santa Clara

Acronyms and Abbreviations

AHTG	Ad Hoc Task Group
AR	Annual Report
ARS	Automatic Retractable Screens
BASMAA	Bay Area Stormwater Management Agency Association
BMP	Best Management Practice
CA	California
CASQA	California Stormwater Quality Association
CWP	County of Santa Clara Clean Water Program
DEH	County of Santa Clara Department of Environmental Health
DPD	Department of Planning and Development
DPR	California Department of Pesticide Regulation
e.g.	For Example
ERP	Enforcement Response Plan
EOA	Eisenberg, Olivieri, and Associates
Etc.	Et cetera
FAF	County of Santa Clara Facilities and Fleet
FY	Department Fiscal Year
GIS	Geographic Information Systems
GSI	Green Stormwater Infrastructure
Hg	Mercury
HHW	Household Hazardous Waste
HMP	Hydromodification Management Plan
i.e.	That Is
ID	Identification
IDDE	Illicit Discharge Detection and Elimination
IND	Industrial/Commercial
IPM	Integrated Pest Management
LDE	Land Development Engineering
MOU	Memorandum of Understanding
MRP	Municipal Regional Permit
MWELO	Model Water Efficiency Landscape Ordinance
N/A	Not Applicable
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OWOW	Our Water Our World

FY 2018-2019 Annual Report

Permittee Name: County of Santa Clara

Acronyms and Abbreviations (cont.)

Parks	County of Santa Clara Department of Parks and Recreation
PASE	Pesticide Applicator Safety Education
PCA	County's Pest Control Advisor
PCB	Polychlorinated Biphenyl
PG&E	Pacific Gas and Electric
Roads	County of Santa Clara Roads and Airports Department
RWQCB	Regional Water Quality Control Board
SCC	Santa Clara County
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program
SCVWD	Santa Clara Valley Water District
SWPPP	Stormwater Pollution Prevention Plan
TMA	Trash Monitoring Area
TMDL	Total Maximum Daily Load

ATTACHMENT B

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Section 1 – Permittee Information

Background Information				
Permittee Name:	County of Santa Clara			
Population:	87,100			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2015-0049			
Reporting Time Period (month/year):	July 2018 through June 2019			
Name of the Responsible Authority:	Jo Zientek		Title:	Director, Consumer and Environmental Protection Agency
Mailing Address:	1553 Berger Dr. Bldg. 1			
City:	San Jose	Zip Code:	95112	County: Santa Clara
Telephone Number:	(408) 918-4622	Fax Number:	(408) 286-2460	
E-mail Address:	jo.zientek@cep.sccgov.org			
Name of the Designated Stormwater Management Program Contact (if different from above):	Vanessa Marcadejas		Title:	Program Manager, Clean Water
Department:	Clean Water Program, Consumer and Environmental Protection Agency			
Mailing Address:	1553 Berger Dr. Bldg. 1			
City:	San Jose	Zip Code:	95112	County: Santa Clara
Telephone Number:	(408) 282-3165	Fax Number:	(408) 286-2460	
E-mail Address:	vanessa.marcadejas@cep.sccgov.org			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation
 Highlight/summarize activities for reporting year:

Summary:
 The Departments of Parks and Recreation (Parks), Facilities and Fleet (FAF), and Roads and Airports (Roads) continued to perform tasks for the County under this provision. Parks, FAF, and Roads conduct facility, trail, and road maintenance activities at multiple locations. Each department has their own corporation yards for vehicles and equipment, and each of these yards are maintained and operated to prevent the release of stormwater pollutants as required by their SWPPPs. A SWPPP was developed for the Hellyer Park Central Yard and will be implemented in FY 19-20.

During FY 18-19 County maintenance staff from various departments were trained on stormwater pollution prevention and proper use of best management practices (BMPs) in their daily tasks. Maintenance staff from FAF, Parks, and Roads all attended various trainings related to both their job duties and stormwater. FAF held eleven internal BMP training sessions, which reached 175 FAF employees. Roads conducted three trainings, one for each of its corps yards, and a total of 88 employees from Roads were trained.

For additional information, refer to the C.2 Municipal Operations section of the FY 18-19 SCVURPPP Annual Report for a description of program and regional activities implemented.

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

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

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

Comments:
 N/A

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.

Y	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
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:
 Every FAF maintenance worker needing to check out a power washer from the warehouse is required to take the BASMAA online surface cleaner training. Warehouse attendants will not release power washing equipment without verifying certification.
 Parks did not conduct any activities that required the control of wash water from pavement washing. Parks staff generally uses dry wash techniques as much as possible as a water conservation strategy and for pollution prevention purposes.

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

Comments:
 In FY 18-19, the County did not perform any bridge and structural maintenance activities over water or in locations that could discharge to a storm drain. The County uses paint to cover graffiti, therefore there are no discharges associated with graffiti removal activities.

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ¹ roads: <input checked="" type="checkbox"/> X Yes <input type="checkbox"/> No	
If your answer is No then skip to C.2.f.	
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
Y	No impact to creek functions including migratory fish passage during construction of roads and culverts
Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
Y	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas: There was no increase in maintenance in priority areas for FY 18-19. In the previous fiscal year, there was an increase in maintenance due to heavy storms that caused damage to County maintained roadways.	

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

C.2.f. ► Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

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

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

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

Comments:

FAF, Roads, and Parks departments continue to regularly inspect their corporation yards.

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

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Junction Fleet Yard	General housekeeping, vehicle/equipment washing; Vehicle/equipment maintenance & repair, fuel dispensing; Outdoor material storage; Outdoor	Various, see attachment C.2.f	Various, see attachment C.2.f	Various, see attachment C.2.f

² Minimum inspection frequency is once a year during September.

FY 2018-2019 Annual Report
Permittee Name: County of Santa Clara

C.2 – Municipal Operations

	waste/recycling storage; Municipal vehicle/heavy equipment parking; Employee parking.			
Roads West Yard	General housekeeping, vehicle/equipment washing; Vehicle/equipment maintenance & repair, fuel dispensing; Outdoor material storage; Outdoor waste/recycling storage; Municipal vehicle/heavy Equipment parking; Employee parking.	9/28/2018	Cigarette butts were scattered around Materials Lab and there was a dry well drain in vicinity. The dumpster by Materials Labs was open and piles of gravel were uncovered, there was also a storm drain inlet at Mitty Yard that was damaged.	Emailed Materials Lab supervisor and the issues were resolved. The piles of gravel were covered up within a week and the Storm drain inlet at Mitty Yard was repaired by Oct 1, 2018.
Roads East Yard	General housekeeping, vehicle/equipment washing; Vehicle/equipment maintenance & repair, fuel dispensing; Outdoor material storage; Outdoor waste/recycling storage; Municipal vehicle/heavy Equipment parking; Employee parking.	9/27/2018	Gravel, aggregate and sand pile covers were not properly secured. Some stormwater waddles around garbage bunkers were worn out or damaged.	Piles were secured within the week and the stormwater waddles were repaired by Oct 18, 2018.
Parks (12 facilities)	General housekeeping, vehicle/equipment washing; Vehicle/equipment maintenance & repair, fuel dispensing; Outdoor material storage; Outdoor waste/recycling storage; Municipal vehicle/heavy Equipment parking; Employee parking.	Various, see attachment C.2.f	Various, see attachment C.2.f	Various, see attachment C.2.f

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.?
 Yes No

Comments (optional):

C.3.e.v ► Special Projects Reporting

1. In FY 2018-19, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?
 Yes No

2. In FY 2018-19, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the **C.3.b.iv.(2)** Table, and the **C.3.e.v.** Table.
 Yes No

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

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

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

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 17-18)	82
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 18-19)	88
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 18-19)	31
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19)	38% ¹

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

**C.3.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:

During FY 18-19, CWP staff conducted 31 Regulated Project inspections. CWP staff prioritized inspections on public projects. There were 22 private project and 9 public project inspections. The most frequent areas of concern involved sediment and debris in or around inlets/outlets, erosion and trash within the vegetated treatment systems, and unhealthy plants. Verbal warnings were given to address these issues. These corrective actions were remediated and resolved in a timely manner. No follow up inspections were required.

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:

CWP staff continues to prioritize C.3 treatment systems that have not received any previous inspections or has not been inspected within the five-year permit term. Staff focused on conducting inspections for public Regulated Projects during this fiscal year, coordinating with staff at Parks, Roads, and FAF for joint inspections. CWP staff will continue to monitor these projects and conduct follow up inspections for any Regulated Projects that needed corrective actions. CWP staff will continue to work with DPD, Parks, Roads, and FAF staff to streamline internal processes of tracking and reporting Regulated Projects, development of O&M Plans, and inspections.

CWP staff sent an introductory outreach letter to private property owners with stormwater treatment systems on-site. The letter explained the inspection and maintenance requirements, which also included an accompanying fact sheet focused on maintenance requirements of different types of stormwater treatment systems. Staff will send a follow-up letter in fall 2019 and will develop a specific webpage dedicated to the O&M Inspection Program on the CWP website.

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.

C.3.j.i.(5).(b) ► Green Infrastructure Plan

(For FY 2018-19 Annual Report only) Did your agency complete a Green Infrastructure Plan?

X

Yes, see attached Green Infrastructure Plan

No

Link to GSI Plan: <https://www.sccgov.org/sites/cwp/Pages/Green-Stormwater-Infrastructure.aspx>

C.3.j.i.(5)(c) ► Legal Mechanisms		
<i>(For FY 2018-19 Annual Report only)</i> Does your agency have legal mechanisms in place to ensure implementation of the Green Infrastructure Plan?	<input checked="" type="checkbox"/>	Yes, see attached Green Infrastructure Plan
No		
<p><i>If Yes, describe the legal mechanisms in place and the documents attached or links provided.</i></p> <p>As part of the GSI Plan development process, the County reviewed its existing policies, ordinances, and/or other legal mechanisms related to the implementation of stormwater NPDES permit requirements and found that it has sufficient legal authority to implement the GSI Plan. Adoption of the GSI Plan by the County of Santa Clara's Board of Supervisors has further strengthened this authority. Descriptions of and links to documents demonstrating legal authority are provided in both the GSI Plan and this link: https://library.municode.com/ca/santa_clara_county/codes/code_of_ordinances?nodeId=TITLE_DIVB11.5NOSOPO_CHVPOCOSTPOPRRE_SB11.5-17PUCH</p>		
<p><i>If No, provide schedule for completion:</i></p>		

C.3.j.i.(5)(d) ► Green Infrastructure Outreach
<p>On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.</p>
<p>Summary:</p> <p>During FY 18-19, CWP staff held four GSI Work Group meetings with staff from the departments of FAF, Parks, LDE, Planning, and RDA between March and June 2019 to facilitate the development of the GSI Plan. We discussed GSI, permit requirements, GSI Plan and elements, and potential and planned GSI projects in the County. Several dozen emails were sent to the GSI Work Group to coordinate these meetings, gather information, and inform the group about all GSI-related trainings via SCVURPPP. CWP staff continued to update and maintain the County's internal GSI resource database through SharePoint for the GSI Work Group staff to access at any time.</p> <p>Please refer to SCVURPPP FY 18-19 Annual Report for a summary of outreach efforts implemented by the Program.</p>

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.

During FY 18-19, the County completed a pilot project at its Berger campus in August 2018. Approximately 6,300 square feet of pavement was replaced with permeable pavers in a portion of the parking lot at the Berger campus. This project was similar to completed Charcot project in FY 17-18. Signage is currently under development for both of these projects.

In general, the County is using the BASMAA "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" for general guidance on identifying and reviewing potential GSI projects. The County operates in multiple facilities and campuses and has a low rate of new development and redevelopment projects, future GSI planning will focus on the feasibility of incorporating GSI measures into capital improvement projects, expressway frontages, master plans, general use permits, and other public improvement projects. Through our GSI Work Group, staff may identify potential and planned projects with GSI measures and keep CWP staff aware and updated with the status of these projects and long-term planning documents. The GSI Work Group provided a list of potential projects that may include GSI in the future. This list is included in the Annual Report and the GSI Plan.

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.

(For FY 2018-19 Annual Report only) Submit a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

The CWP continues to promote and educate County staff about GSI measures and strategies that could be incorporated into future capital improvement projects, shares the best available information and tools, and encourages staff to attend SCVURPPP workshops and trainings on GSI resources and related topics. The CWP website has a page dedicated to GSI and GSI resources.

Please refer to SCVURPPP FY 18-19 Annual Report for: 1) 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; and 2) a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

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

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

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

Please refer to the Program's FY 18-19 Annual Report for; 1) a summary of methods being developed to track and report implementation of green infrastructure measures, and 2) a report on green infrastructure measures implemented to date, including acres of impervious area (total and treated), countywide and by permittee.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁶	Total Replaced Impervious Surface Area (ft ²) ⁷	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects											
Mountain Winery New Buildings and Garden Terrace (PLN18-3179)	14831 Pierce Road, Saratoga	Mountain Winery	N/A	Redevelopment -Construct buildings, terrace, box office, and other winery improvements.	Calabasas Creek	183.24	0.58	3,254	21,607	381,882	385,136
Los Altos Golf & Country Club - Pro Shop (PLN18-11471)	1560 Country Club Drive / Loyola Drive, Los Altos	Los Altos Golf and Country Club	N/A	Redevelopment - Demo existing pro-shop and construct new pro-shop.	Saratoga Creek	0.92	0.92	2,003	16,082	16,082	18,085
Stanford Bonair Pampas Road Project (PLN18-11335)	Bonair Siding Road / Pampas Road	Stanford University	N/A	Redevelopment - Convert Bonair Siding Road and Pampas Lane into a continuous street.	Matadero Creek	3.29	3.29	0	103,900	118,415	103,900
Stanford Stock Farm Road Greenhouse Facility (PLN18-11424)	Stock Farm Road / Campus Drive	Stanford University	N/A	Redevelopment - Demolish existing greenhouse facilities and construct new greenhouse facility and associated access/road improvements.	San Francisquito Creek	2.0	0.8	6,814	22,288	22,288	29,102
Stanford Softball Stadium Improvements (PLN18-11337)	Churchill Mall / Masters Mall	Stanford University	N/A	Redevelopment - Improvement/expansion to both the home and visitor batting cage and bullpen areas including the addition of new unisex restrooms for the Stanford Softball Stadium.	Matadero Creek	0.5	0.5	9,550	685	685	10,235

²Include cross streets

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

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

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

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

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

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

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

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁶	Total Replaced Impervious Surface Area (ft ²) ⁷	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Public Projects											
Isabel Creek Bridge Replacement on San Antonio Valley Road, Mt. Hamilton Bridge No. 37C0608	Mt. Hamilton, 6 mi East of Lick Observatory	County	N/A	Redevelopment - Bridge Replacement	Upper Penetencia	4.0	2.15	10,454	21,993	31,363	41,817
263-CP18016 EVOC	19050 Malaguerra Ave, Morgan Hill, CA 95037	Sandis Engineers Inc	NA	Safety Driving Course-	Coyote Creek	14.4	14.4	202,783	834	834	202,783
Holden Ranch Modular Relocation 263-CP16022	19050 Malaguerra Ave, Morgan Hill, CA 95037	BKF Engineers	NA	Hardscape and Parking	Coyote Creek	0.98	0.95	21,162	9,732	9,762	30,924
Holden Ranch Solar Parking Lot 263-CP17021.0	19050 Malaguerra Ave, Morgan Hill, CA 95037	Salas Obrien	NA	Parking	Coyote Creek	2.14	2.14	69,237	24,147	24,147	93,384
Comments: N/A											

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

Project Name Project No.	Application Deemed Complete Date ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Type of Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/ 18}	Alternative Certification ¹⁹	HM Controls ^{20/ 21}
Private Projects										
Mountain Winery New Buildings and Garden Terrace (PLN18-3179)	10/19/2018	7/27/2018	Maintenance	Minimize land disturbed; Minimize impervious surfaces	Bioretention facility	O&M Agreement with private landowner	3	N/A	N/A	Exempt – Less than one acre of impervious
Los Altos Golf & Country Club - Pro Shop (PLN18-11471)	3/26/2019	5/17/2019	Maintenance; Storm drain labeling	Minimize land disturbed; Minimize impervious surfaces	Bioretention facility	O&M Agreement with private landowner	2.a	N/A	N/A	Exempt – Less than one acre of impervious
Stanford Bonair Pampas Road Project (PLN18-11335)	8/6/2018	9/21/2018	Beneficial landscaping; Maintenance	Minimize land disturbed; Minimize impervious surfaces	Regional Treatment Facility (East Campus Stormwater Capture Facility - County File No. 11044-17C3)	O&M Agreement with Stanford University	1.b	N/A	N/A	HM applicability does not apply
Stanford Stock Farm Road Greenhouse Facility (PLN18-11424)	3/12/2019	4/19/2019	Maintenance	Minimize land disturbed; Minimize impervious surfaces; Disconnected downspouts	Regional Treatment Facility (East Campus Stormwater Capture Facility - County File No. 11044-17C3)	O&M Agreement with Stanford University	1.b	N/A	N/A	Exempt – Less than one acre of impervious

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

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

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

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

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

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

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

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

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

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

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

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

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

Project Name Project No.	Application Deemed Complete Date ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Type of Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/ 18}	Alternative Certification ¹⁹	HM Controls ^{20/ 21}
Stanford Softball Stadium Improvements (PLN18-11337)	9/24/2018	11/16/2018	Maintenance, Storm drain labeling	Minimize land disturbed; Minimize impervious surfaces	Regional Treatment Facility (East Campus Stormwater Capture Facility - County File No. 11044-17C3)	O&M Agreement with Stanford University	1.b	N/A	N/A	Exempt – Less than one acre of impervious

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

Project Name Project No.	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/ 29}	Alternative Certification ³⁰	HM Controls ^{31/ 32}
Public Projects										
Isabel Creek Bridge Replacement on San Antonio Valley Road, Mt. Hamilton Bridge No. 37C0608	12/06/2016	07/10/2017	Outdoor material storage protection; Maintenance practices (pavement sweeping, catch basin cleaning, good housekeeping); Storm Drain labeling	Minimum land disturbance; Minimize impervious surfaces; Minimum-impact street design; Other self-treating area	Bioretention area	Roads	2.c	N/A	N/A	HM applicability does not apply

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

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

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

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

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

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

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

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

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

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

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

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

Project Name Project No.	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/ 29}	Alternative Certification ³⁰	HM Controls ^{31/ 32}
EVOC 263-CP18016	08/30/2018	1/31/2019	Beneficial Landscaping; Prohibit vehicle maintenance; Storm Drain Labeling; Spill prevention and cleanup	Minimize land disturbed; Minimize impervious surfaces; Preserve natural drainage	Bioretention	FAF	1b	N/A	N/A	HM applicability does not apply
Holden Ranch Modular Relocation 263-CP16022	08/09/2018	01/31/2019	Beneficial Landscaping; Prohibit vehicle maintenance; Storm Drain Labeling; Spill prevention and cleanup	Minimize land disturbed; Minimize impervious surfaces; Preserve natural drainage	Bioretention Basins	FAF	1.b	N/A	N/A	HM applicability does not apply
Holden Ranch Solar Parking Lot 263- CP17021.0	04/12/2018	12/23/2018	Beneficial Landscaping; Prohibit vehicle maintenance; Storm Drain Labeling; Spill prevention and cleanup	Minimize land disturbed; Minimize impervious surfaces; Preserve natural drainage	Bioretention Basins	FAF	1.b	N/A	N/A	HM applicability does not apply
Comments: N/A										

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

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

Name of Facility	Address of Facility	Party Responsible ³⁴ For Maintenance	Type of Treatment/HM Control(s)
Stanford 10 th Tee Golf Course (LDE14-10612G)	114 and 19 Links Road, Stanford	Stanford University	Bioretention, self-retaining areas, vegetated swale
East Campus Regional Stormwater Capture Facility	SE side of Lomita Dr. and Roth Way, Stanford	Stanford University	Bioretention
Isabel Creek Bridge Replacement on San Antonio Valley Road, Mt. Hamilton Bridge No. 37C0608	6mi east of Lick Observatory, Mt. Hamilton (37°21'23.58"N, 121°35'22.27"W)	Roads	Bioretention
EVOC 263-CP18016	19050 Malaguerra Ave, Morgan Hill 95037	FAF	Bioretention
Holden Ranch Modular Relocation 263-CP16022	19050 Malaguerra Ave, Morgan Hill 95037	FAF	Bioretention
Holden Ranch Solar Parking Lot 263-CP17021.0	19050 Malaguerra Ave, Morgan Hill 95037	FAF	Bioretention

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

³⁴ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v. Special Projects Reporting Table												
Reporting Period – July 1, 2018 - June 30, 2019												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁵	Status ³⁶	Description ³⁷	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ³⁸	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwater Treatment Systems ⁴⁰	List of Non-LID Stormwater Treatment Systems ⁴¹
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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

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

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

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

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

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

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

Project Name and Location⁴²	Project Description	Status⁴³	GI Included?⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁴⁵
Santa Clara Valley Medical Center (SCVMC) Emergency Department Expansion	Building addition to the West Wing Building at SCVMC.	In Design and Engineering	Yes	Additional landscaping, pervious surfaces.
Santa Clara Valley Medical Center (SCVMC) Site Improvements Project	Underground utilities, road work, landscaping, hardscape, exterior signage and exterior lighting.	Awaiting Funding	Yes	Bioswales, additional pervious surfaces, drought tolerant planting.
Santa Clara Valley Medical Center (SCVMC) Ambulatory Care Facility	New 3-4 story outpatient clinic building built on an existing parking lot.	Pre-design/Feasibility	Yes	Bioswales, and permeable surfaces with landscaping.
VMC at Bascom Women and Children's Center	New building on existing campus.	In Design and Engineering	TBD	TBD
Hellyer County Park Central Yard Storm Drain System	Daylight existing storm sewer pipes directly to Coyote Creek to drain to large turf area to allow for infiltration and evaporation.	Pre-design/Feasibility	No	Consider feasibility to daylight into a large existing large turf area and reconnect to existing storm drain with an overflow standpipe structure. Would require some grading to isolate turf-area basin.
Martial Cottle Park Trail Project	TBD	Pre-Design/Feasibility	No	The stormwater will stay in the bioswale which only connects to the stormwater basin within the park.
Mount Madonna County Park Master Plan Implementation	TBD	Conceptual Design	N/A	TBD
Parkmoor Property – HUB Youth Program	TBD	Pre-Design	TBD	TBD
New Jail and Mail Jail Elmwood Facility Improvements	TBD	In Design and Engineering	Yes	TBD
Silver Creek Campus Improvements	TBD	In Design and Engineering	TBD	TBD

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

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

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

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

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C.3 – New Development and Redevelopment

Tasman Campus Improvements	TBD	Under Construction	No	N
Urban Turf and Landscape Labor and Materials Assessment Retrofit	TBD	Awaiting Funding	TBD	TBD
Foothill Expressway Auxiliary Lanes between El Monte and San Antonio	Widen from 4 to 6 lanes by extending right turn lanes and make intersection improvements at El Monte and San Antonio.	In Design and Engineering	TBD	TBD
Oregon-Page Mill / El Camino Intersection Improvements	Intersection improvements: extend double left turn from westbound Page Mill to southbound El Camino and modify southwest and southeast corners for improved pedestrian crossings.	In Design and Engineering	TBD	TBD
Oregon-Page Mill Intersection Improvements between Porter and Hansen	Intersection improvements: extend/add left turn lanes at various intersections and convert Hanover intersection to 8-phase signal operations.	Awaiting Funding	TBD	TBD
Santa Teresa-Hale Corridor Road and Trail between Dewitt and Main (Phase 1)	Build 2-lane road connection with trail.	Pre-Design/Feasibility	TBD	TBD
Almaden Expressway at Camden Ave Intersection Improvements	Intersection improvements: add 2nd left turn lanes from Almaden onto Camden, provide for three lanes thru intersection, and close sidewalk gap.	Pre-Design/Feasibility	TBD	TBD
Central Expressway at Thompson Intersection Improvement	Remove uncontrolled median opening (either signalize or close median).	Pre-Design/Feasibility	TBD	TBD
Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Trade Zone to Main (Phase A)	Add auxiliary lane	Pre-Design/Feasibility	TBD	TBD
Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Great Mall to TradeZone (Phase B)	Widen from 6 to 8 lanes (HOV lane in westbound only) including closing sidewalk gaps	Pre-Design/Feasibility	TBD	TBD

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C.3 – New Development and Redevelopment

Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Main/Oakland to McCarthy/OTOole (Phase C)	Widen from 6 to 8 lanes (HOV lane in westbound only) including modifications to I-880 interchange and closing sidewalk gaps	Pre-Design/Feasibility	TBD	TBD
Lawrence Expressway at Homestead Road Interim Improvements	Interim improvement: add eastbound through lane	Pre-Design/Feasibility	TBD	TBD
Lawrence Expressway from Reed/Monroe to Arques Grade Separation	Grade separation (Part of ultimate plan to make Lawrence freeway-like between I-280 and US 101 by removing all signals)	Pre-Design/Feasibility	TBD	TBD
Lawrence Expressway at Homestead Road Grade Separation	Grade separation - Homestead Road at Kaiser Hospital	Pre-Design/Feasibility	TBD	TBD
San Tomas Expressway Widening and Trail between Homestead and Stevens Creek	Widening between Homestead and Stevens Creek with trail	Pre-Design/Feasibility	TBD	TBD
I-280/Foothill Expressway Interchange Modifications and Auxiliary Lane to Homestead	Add signal at the southbound I-280 off-ramp intersection and intersection improvement at northbound I-280 off-ramp, including pedestrian crossing enhancements, potential Stevens Creek Trail and northbound auxiliary lane on Foothill to Homestead	Pre-Design/Feasibility	TBD	TBD
Almaden Expressway at SR 85- Interim Improvements	Interim improvement: access issues between Cherry and SR 85	Pre-Design/Feasibility	TBD	TBD
SR 17/San Tomas Expressway Interim Improvements	Interim improvement: northbound SR 17 off-ramp improvements to include signal at White Oaks with interconnect at San Tomas/Camden signal and lane reconfigurations	Pre-Design/Feasibility	TBD	TBD

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C.3 – New Development and Redevelopment

Almaden Expressway at Branham Lane Intersection Improvement	Intersection improvement: extend 4th southbound lane to begin north of intersection.	Pre-Design/Feasibility	TBD	TBD
Oregon-Page Mill Widening (possible HOV lanes) and Trail between 1-280 and Foothill Expressway	Widen from 4 to 6 lanes (possible HOV lane) from I-280 to Foothill with intersection improvements at Junipero Serra Blvd-Foothill intersection, including a bike/pedestrian trail extension from Deer Creek to I-280 and enhanced bicycle connection from easterly Old Page Mill Road access to Junipero Serra Blvd	Pre-Design/Feasibility	TBD	TBD
1-280/Oregon-Page Mill Road Interchange Reconfiguration	Modify interchange: Proposed concept is roundabout west of interchange, P&R Lot reconfiguration, signal at northbound I-280 off-ramp, frontage road from Christopher Lane to Old Page Mill, and signal at Old Page Mill. Plus bicycle and pedestrian improvements throughout.	Pre-Design/Feasibility	TBD	TBD
Santa Teresa-Hale Corridor Widening and Trail between Long Meadow and Fitzgerald	Widen to 4 travel lanes and add trail	Pre-Design/Feasibility	TBD	TBD
Capitol Expressway Widening and Interchange Modifications between 1-680 and Capitol Avenue	Widen from 6 to 8 lanes: includes ramp realignments and sound wall and sidewalk gap closures	Pre-Design/Feasibility	TBD	TBD
Watsonville Rd. Center Turn Lane	Add center turn lane and right-turn improvements where needed to serve driveways/cross streets so drivers waiting to turn do not block traffic and do not intrude into the shoulders which are well-used by bicyclists. Project also includes improving paved shoulders for bicycle use. From Morgan Hill to Gilroy	Pre-Design/Feasibility	TBD	TBD

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C.3 – New Development and Redevelopment

DeWitt Ave/Sunnyside Ave realignment at Edmundsen Ave	Align DeWitt Avenue with Sunnyside Avenue south of Morgan Hill to eliminate the existing offset intersection and introduce shoulder treatments.	Pre-Design/Feasibility	TBD	TBD
Lawrence Expressway Multimodal Grade Separated Toll Corridor	Creation of a grade separated toll corridor with multimodal features.	Pre-Design/Feasibility	TBD	TBD
Oregon-Page Mill/1-280 interchange interim bike improvements (BEP Submittal)	Interim improvement: enhancements for bicycle travel through interchange area in Los Altos Hills	Under Construction	TBD	TBD
Trails in Expressway Rights-of-Way (BEP Submittal)	Construct Class I bike/pedestrian trails within San Tomas Expressway, Foothill Expressway, Lawrence, and Page Mill Road Expressway, and Santa Teresa/Hale Corridor consistent with Expressway Plan 2040	Conceptual Design	TBD	TBD
Trails in County Roads Rights-of-Way (BEP Submittal)	Construct Class I bike/pedestrian trails within County Roads rights-of-way consistent with the County Circulation & Mobility Plan and Trails Master Plan.	Conceptual Design	TBD	TBD
Popular Bicycle Rural Roads Improvements (BEP Submittal)	Implement improvements such as widening shoulders and installing better signage to County-maintained rural roads with high bicycle demand.	Conceptual Design	TBD	TBD
Doyle Rd bicycle and pedestrian trail connection to Saratoga Creek Trail (BEP Submittal)	Provide bicycle access from where Doyle Rd. dead-ends into Lawrence Expressway to the trail west of Lawrence Expressway. Project involves adding a crosswalk on Lawrence Expressway, modifying the signal system for the crossing, modifying a sound wall to create an opening for access and other improvements necessary for trail access.	Conceptual Design	TBD	TBD

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C.3 – New Development and Redevelopment

United Pacific RR Bridge (37C0083K)	Repair at San Tomas Expressway	Pre-Design/Feasibility	TBD	TBD
Stevens Creek Boulevard Bridge (#37C0154)	Repair at Lawrence Expressway	Pre-Design/Feasibility	TBD	TBD
Aldercroft Creek Bridge (#37C00823)	Repair at Old Santa Cruz Highway	Pre-Design/Feasibility	TBD	TBD
Hale Creek Bridge (#37C0553)	Repair at Magdalena Court	Pre-Design/Feasibility	TBD	TBD
Little Arthur Creek Bridge (#37C0563)	Scour Mitigation and Repair at Redwood Retreat Road	Pre-Design/Feasibility	TBD	TBD
Little Arthur Creek Bridge (#37C0564)	Scour Mitigation and Repair at Redwood Retreat Road	Pre-Design/Feasibility	TBD	TBD
Curtner Ave Bridge (#37C0028)	Repair at Almaden Expressway	Pre-Design/Feasibility	TBD	TBD
Stevens Creek Bridge (#37C0043)	Repair at Stevens Canyon Road	Pre-Design/Feasibility	TBD	TBD
Stevens Creek Bridge (#37C0572)	Repair at Stevens Canyon Road	Pre-Design/Feasibility	TBD	TBD
Hooker Creek Bridge #37C0506	Bridge Replacement Project	Conceptual Design	TBD	TBD
Los Gatos Creek Bridge #37C0508	Bridge Replacement Project	In Design and Engineering	TBD	TBD
Herbert Creek Bridge #37C0501	Bridge Replacement Project at Alamitos Road	Pre-Design/Feasibility	TBD	TBD
Herbert Creek Bridge #37C0502	Bridge Replacement Project at Alamitos Road	Pre-Design/Feasibility	TBD	TBD
Herbert Creek Bridge #37C0503	Bridge Replacement Project at Alamitos Road	Pre-Design/Feasibility	TBD	TBD

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

Project Name and Location⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Santa Clara Valley Medical Center (SCVMC) Receiving & Support Center	New three-story office building built on an existing parking lot.	Completed - June 2016	Bioswales, on-site sand/oil interceptor
Charcot Parking Lot Passive Stormwater Retrofit Project	Permeable pavers at a specific location in parking lot.	Completed – June 2018	Permeable pavers at a specific location in parking lot.
Berger Parking Lot Passive Stormwater Retrofit Project	Permeable pavers at a specific location in parking lot.	Completed – August 2018	Permeable pavers at a specific location in parking lot.
Civic Center Master Plan	SCC has entered a Master Development Agreement with Lowe Enterprises for the multi-phased planning and development of the 55-acre Santa Clara County Civic Center in San Jose. It is likely that the Master Plan will address green infrastructure strategies.	Pre-design/Feasibility	GSI measures will be included in the design, but specifics are to be determined.
Civic Center Demolition Project	Civic Center Annex Demolition Project Phase II - 180 space parking lot with the inclusion of permeable pavers and bioretention.	Pre-design/Feasibility	Permeable pavers and bioretention.
Stanford University General Use Permit Update	Campus-wide land use plan for Stanford University for 2019 to 2035.	Awaiting Approval	Inclusion of GSI-related language as a part of the conditions of approval into the multi-year master development permit.
Vietnamese-America Service Center	New service center for the local community	Under Construction	Infiltration measures

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

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

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

Summary:

In FY 18-19, CWP conducted 50 industrial and commercial (IND) stormwater BMP inspections in both the MRP and Phase II permit areas of unincorporated Santa Clara County. A total of 34 facility inspections were conducted by CWP in the Northern part of the County (MRP area). IND facilities in the Southern portion of Santa Clara County (Phase II permit area) are inspected by CWP voluntarily. Inspections are not required by the Phase II permit; however, CWP conducts inspections in both permit areas for consistency throughout the County.

The County's Department of Environmental Health (DEH) continued to conduct inspections at IND facilities throughout the entire County. DEH inspectors focus on very specific areas that have a potential impact on stormwater runoff quality, but do not conduct the same type of comprehensive stormwater inspections conducted by CWP. Various DEH programs inspect for compliance in areas such as: hazardous waste, hazardous materials, solid waste, septic systems, food service establishments, mobile food trucks, and public swimming pools. DEH staff are trained annually on stormwater BMPs and how to recognize potential and actual discharges observed during an inspection. CWP receives referrals from DEH via an electronic report from their database. When a DEH inspector notes a stormwater violation in their report, an e-mail is automatically generated and sent to CWP for follow-up. DEH inspectors also know to cease discharges immediately and contact CWP directly in the event of an actual discharge observed in the field. DEH conducted 1,037 business inspections in unincorporated Santa Clara County and referred 7 violations to CWP. CWP has a complete record of all DEH IND site inspections for FY 18-19.

CWP staff continued to make improvements to the IND inspection program in FY 18-19. One major improvement to the program was the creation of a new business inspection checklist. The checklist was developed as a field form that allows the inspector to easily cover all topics during the inspection and ensure consistency between CWP staff. Another improvement made was an update to the business inspection plan. As a result of the RWQCB's compliance inspection in fall 2017, the County was required to amend and update the business inspection plan with elements identified by the RWQCB's compliance inspection report. The business inspection plan has been updated to reflect these elements. At the end of the FY 18-19, CWP staff updated the business inspection facility list, adding 27 new businesses to the MRP area. CWP now has a total of 257 facilities across the entire unincorporated County jurisdiction, with 99 of those facilities being in the MRP area.

DPD conducts monthly inspections at quarries, which are on the potential facilities list addressed in section C.4.b.iii. DPD inspects each quarry monthly for compliance with Surface Mining and Reclamation Act (SMARA) regulations. A senior construction site inspector, who is trained annually on stormwater BMPs, is responsible for these monthly inspections. When there are stormwater related issues at any of the quarries, the inspector notifies CWP of any violations. CWP staff has joined DPD on quarry inspections as necessary but defers all enforcement actions to DPD and other regulatory agencies such as the RWQCB.

In FY 18-19 the City of Palo Alto conducted 15 IND inspections at various facilities throughout the Stanford University Campus. Palo Alto staff also conducted an inspection of all storm drain inlets at approximately one third of the Stanford University Campus under a Memorandum of Understanding (MOU) between the County of Santa Clara, City of Palo Alto, and Stanford University. There were no violations observed during the

inspections conducted by the City of Palo Alto in FY 18-19, however there were recommendations regarding staff training and labeling of storm drain inlets, which were completed by Stanford staff.

CWP continued to participate in SCVURPPP IND/IDDE Ad Hoc Task Group meetings and worked collaboratively with SCVURPPP member agencies to update educational outreach materials. CWP staff attended the IND/IDDE Inspector workshop organized by SCVURPPP in May 2019. Refer to the C.4. Industrial and Commercial Site Controls section of the Program's FY 18-19 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.

See Appendix C.4.b.iii 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))		34
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))		10
<p>Comments:</p> <p>Ten of eleven enforcement actions issued were resolved in a timely manner. One violation was not corrected in a timely manner before the next rainstorm because the Bay Area was experiencing constant heavy rain showers during this time period. However, this violation was corrected within 10 business days.</p>		

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

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

	Enforcement Action (as listed in ERP) ¹	Number of Enforcement Actions Taken
Level 1	Verbal Warning	5
Level 2	Written Warning	6
Level 3	Notice of Violation	0
Level 4	Referral to County Counsel	0
Total		11

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 Category²	Number of Actual Discharges	Number of Potential Discharges
Event Space/Fairgrounds	1	0
Winery	1	0
Horse Boarding Facility	0	1
Material/Equipment Storage Yard	2	1
Towing Facility	0	1
Golf Course	1	2
Automotive Body Shop	1	0

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:

No industrial sites were identified as non-filers during the scheduled inspections for FY 18-19.

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

²List your Program's standard business categories.

C.4.e.iii ► Staff Training Summary						
Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
DEH Stormwater Refresher Trainings	5/10/2019 & 6/25/2019	CWP staff conducted a training for DEH inspectors on: The importance of stormwater pollution prevention, common stormwater issues, best management practices, and how to report stormwater violations to the CWP.	75*	86%*	3	100%
SCVURPPP IND/IDDE Workshop	5/30/2019	General overview of permit requirements, code enforcement officer safety, residential RVs and stormwater, case studies from municipalities.	2**	66%**	2	66%
<p>Comments:</p> <p>There is a total of 87 IND inspectors in the County, 84 DEH staff and 3 CWP staff. DEH staff conduct inspections at IND facilities for compliance in very specific areas, but do not conduct comprehensive stormwater inspections. Only CWP IND inspectors conduct stormwater inspections. All CWP inspectors and 85% of DEH IND inspectors received training in FY 18-19. CWP inspectors are also the only designated IDDE inspectors for the County.</p> <p>* These figures reflect the total number of IND inspectors trained, including the three CWP inspectors. CWP staff presented the training materials. ** These figures reflect only CWP IND inspectors.</p>						

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

In FY 18-19, CWP continued to act as the lead County program for investigation and enforcement of illicit discharge detection and elimination (IDDE) complaints in both the MRP and Phase II parts of unincorporated Santa Clara County. CWP works in conjunction with other County Departments such as the Department of Environmental Health (DEH), DPD, Parks, and Roads to communicate about potential/active discharges, investigate complaints, issue enforcement actions, and ensure that corrective actions are made and completed. During FY 18-19, approximately one quarter of complaints (in both permit areas) came directly from the general public through the discharge reporting phone number or the CWP general e-mail inbox. All other complaints received were referred by other cities, County departments, or agencies who often receive complaints from the general public or witness a stormwater issue in the field.

While CWP is the main program responsible for fulfilling C.5 requirements, other County Departments support CWP in IDDE investigations when appropriate. DEH assists CWP with IDDE's involving hazardous waste, solid waste, or sewage. Roads assists CWP with issues in the public right of way and when there is material discharged to the MS4 that needs to be cleaned up or removed. DPD assists CWP with construction sites and code enforcement issues. Parks assists CWP when there is an issue identified at a County Park. CWP regularly coordinates with each department throughout the year to investigate and abate IDDE cases.

CWP staff continued to participate in the SCVURPPP IND/IDDE Ad Hoc Task Group Meetings and attended the SCVURPPP IND/IDDE training on May 30. Refer to the C.5 IDDE section of SCVURPPP's FY 18-19 Annual Report for a description of activities at the Program or Regional level.

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

Summary of any changes made during FY 18-19:

In FY 18-19, the complaint and spill response phone number changed from (408) 918-4600 to (408) 918-4609. The new phone number is publicized on the Clean Water Program website, www.cleanwaterscc.org. Complaints are also received by CWP through the email address cleanwaterscc@cep.sccgov.org, which is publicized on the website as well.

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)	
	Number
Discharges reported (C.5.d.iii.(1))	25
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	12
Discharges resolved in a timely manner (C.5.d.iii.(3))	20
<p>Comments:</p> <p>CWP is responsible for overseeing the IDDE complaint and response program. CWP receives complaints from residents, other County departments, and outside municipal agencies. CWP responds to complaints in both the MRP area and the Phase II permit area. During FY 18-19, twelve complaints received in the MRP area were regarding discharges or illegal dumping activities that entered a storm drain inlet, drainage culvert, gutter, street, or receiving water. The numbers listed in this section only reflect complaints received in the MRP area.</p> <p>In FY 18-19 there were five IDDE cases that were not resolved in a timely manner, due to varying circumstances:</p> <ol style="list-style-type: none"> 1) Several piles of horse manure were stored improperly, causing a potential discharge to a creek running through a horse boarding facility. Both DEH and CWP issued enforcement actions to the property owner, requiring them to remove the manure piles and properly manage manure in the future. The Property owner did not immediately implement the corrective actions and enforcement was escalated. The issue was resolved within 10 days of enforcement escalation. The facility was then added to CWP's commercial/industrial facility inspection list. The facility was later inspected under the C.4 IND program and will continue to be inspected regularly to ensure no issues persist. 2) A construction site caused an actual discharge of sediment directly to a creek. The site owner did not obtain all the appropriate permits prior to beginning work. The site received a Notice of Violation from CWP, a Stop Work Order from DPD, and was reported to CAL OES and the RWQCB. The violation was not fully corrected in a timely manner because property owner was unable to hire the services of a QSD/P, develop a SWPPP, and obtain permit coverage from the RWQCB in the corrective action time period. Once a QSD/P was hired, the property owner installed appropriate BMPs to prevent future discharges. DPD staff continued to inspect the site to ensure compliance of their SWPPP. 3) A resident was improperly storing horse manure on their private property, causing a potential discharge to a drainage culvert. DEH led the complaint investigation and issued a Notice of Violation to the property owner. After numerous phone calls, enforcement letters, and site visits from DEH the property owner has fully abated the issues. 4) A residential property which had unknown liquid surfacing from the ground and discharging into both a vegetated area and an unpaved drainage ditch, was referred to CWP by DEH. Initially, DEH presumed that the liquid was wastewater because the complainant claimed that samples were obtained, sent to a laboratory for analysis, and were positive for E. Coli and Total Coliform. DEH administered a tracer dye test to determine if the discharge was wastewater from the septic system or water leaking from the swimming pool. DEH determined 	

that there was no conclusive evidence that the discharge was wastewater or swimming pool water. During the most recent inspection there was no discharge observed.

5) A complaint was referred to CWP by the Code Enforcement Division of DPD. The complaint was an illegal dumping of old waste tires and an automobile in a ravine on a private residential property. During the complaint investigation, CWP and DPD staff met with the property owner to observe the issue. The property owner claimed that when they purchased the property over four decades ago, the materials were already present in the ravine. CWP advised the property owner not to attempt removing the materials without obtaining permits or proper equipment and directed the property owner to obtain permits through CA Department of Fish and Wildlife (CA DFW) before attempting to remove any of the waste. Currently, the property owner is in the process of working with CA DFW to obtain permits prior to beginning the work to abate this issue.

C.5.e.iii.(2) ► Control of Mobile Sources

(a) Provide changes to your agency’s minimum standards and BMPs for each of the various types of mobile businesses since the 2017 Annual Report (C.5.e.iii.(2)(a))

The County of Santa Clara follows the minimum standards and BMPs described in the “Mobile Businesses - Best Management Practices” brochure developed by the SCVURPPP IND/IDDE AHTG in in May 2012 for the following mobile business categories: automobile washers/detailers, power washers, carpet cleaners, steam cleaners, pet care services. There have been no changes to the BMPs since the 2017 Annual Report.

(b) Provide changes to your agency’s enforcement strategy for mobile businesses (C.5.e.iii.(2)(b))

During FY 18-19, there was no enforcement by the County of Santa Clara against any mobile business. Typically, inspectors would find issues with mobile businesses either through a complaint investigation or if a discharge (potential or actual) was witnessed while out in the field. If a mobile business was discovered by an inspector to be in violation of the County’s non-stormwater discharge prohibition, the mobile business would be added to the potential facility list and would warrant a follow-up inspection during the next fiscal year.

Enforcement actions are detailed in the Enforcement Response Plan (ERP). Due to the unique nature of mobile businesses, it can be difficult to track enforcement of a single business across jurisdictions. The current strategy is for agencies to share information on mobile business enforcement actions at the SCVURPPP IND/IDDE AHTG meetings.

In FY18-19, SCVURPPP’s countywide enforcement strategy was updated to include tracking mobile business enforcement actions from SCVURPPP agencies in a table available on the SCVURPPP members only website. The tracking table is periodically updated.

(c) Provide minimum standards and BMPs developed for additional types of mobile businesses addressed since 2017 Annual Report (C.5.e.iii.(2)(c))

SCVURPPP has not developed minimum standards and BMPs for additional types of mobile business than those described in (a) above.

(d) Provide a list and summary of the specific outreach events and education conducted to each type of mobile business operating within your jurisdiction during the Permit term (C.5.e.iii.(2)(d)):

The Program maintains a regional inventory of mobile businesses in the standard BMP categories listed in the “Mobile Businesses – Best Management Practices” brochure. As inspectors provide new businesses to Program staff, the BMP brochure and transmittal letter are mailed to

<p>the business. The Mobile Cleaner Businesses BMP brochure is posted on the Program's Watershed Watch website under resources for businesses: http://www.mywatershedwatch.org/wp-content/uploads/mobilecleanertrifoldFINAL1.pdf.</p> <p>Refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 18-19 Annual Report for a description of activities at the countywide or regional level.</p>
<p>(e) Discuss inspections conducted at mobile businesses and/or job sites (C.5.e.iii.(2)(e))</p>
<p>CWP does not currently conduct any inspections of mobile businesses because there have not been any complaints received in the past regarding mobile businesses aside from mobile food vendors. DEH regularly inspects mobile food vendors for compliance with food safety and stormwater BMPs.</p>
<p>(f) List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.iii.(2)(f))</p>
<p>In 2014 the Program compiled an inventory of mobile businesses located in Santa Clara County. The inventory was developed by reviewing business licenses, yellow page searches and online business searches. The inventory includes automotive washing, steam cleaning, power washing, pet care services and carpet cleaning mobile businesses. The inventory is periodically updated with mobile businesses stormwater inspectors observe during routine field activities, including responding to illicit discharges. The inventory is made available to all Co-permittees on the SCVURPPP members only webpage. The inventory is included in the Program's FY 18-19 Annual Report. The inventory currently has over 190 mobile businesses.</p>
<p>(g) Discuss enforcement actions taken against mobile businesses during the Permit term (C.5.e.iii.(2)(g))</p>
<p>Enforcement actions are typically taken in response to a complaint or illicit discharge through our IDDE Program. Enforcement actions are tracked in the County's spill and discharge complaint tracking system required by MRP C.5.d.ii. There were zero enforcement actions taken for mobile businesses during FY 18-19.</p>

C.5.f.iii ► MS4 Map Availability

<p>Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.</p>
<p>Roads' <i>Culvert Inventory</i> (1974) in combination with the MS4 maps available on the Oakland Museum website (http://explore.museumca.org/creeks/crkmap.html) provides an overview of the MS4 within public areas. It should be noted that in many instances, particularly in urbanized County pockets, County-maintained storm drains are connected to MS4 facilities operated by adjacent municipalities. MS4 maps are available for viewing in person at Roads and CWP offices. CWP maintains a hard copy collection of Oakland Museum maps that are available to the public. Stanford University's Facilities Division maintains a storm drain map for the Stanford University academic campus.</p>

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
23 (DPD)	12 (DPD) 1 (Roads)	28 (DPD) 1 (Roads)	439 (DPD) 83 (Roads)
<p>Comments: LDE division is a group of inspectors within the County's Department of Planning and Development (DPD) that inspects private construction sites within the unincorporated County areas. Roads hires a contractor for inspections of construction sites in the public right of way. Parks also contracts out construction inspection services for projects within the County Park system but did not have any reportable sites during FY 18-19. The County Clean Water Program will continue to offer support as well as seek and implement new tools and opportunities to help other County departments be as efficient with construction site inspections as possible.</p> <p>Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable.</p> <p>Information Not Available</p>			

C.6.e.iii.(3)(e) ► Construction Related Storm Water Enforcement Actions		
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning	41 (DPD) 8 (Roads)
Level 2	Written Warning	11 (DPD) 1 (Roads)
Level 3	Stop Work Order	5 (DPD) 0 (Roads)
Level 4	Referral to County Counsel	1 (DPD) 0 (Roads)
Total		58 (DPD) 9 (Roads)

C.6.e.iii.(3)(f), ► Illicit Discharges	
	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.3.f)	7 (DPD) 0 (Roads)

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

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

C.6.e.iii.(3)(g) ► Corrective Actions	
Indicate your reporting methodology below.	
<input checked="" type="checkbox"/> (DPD)	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/> (Roads)	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.3.g)	36 (DPD) 0 (Roads)
<p>Comments:</p> <p>DPD: Compared to FY 17-18, the number of violations observed, and enforcement actions issued in each level has decreased in FY 18-19. This is due in part to effective performance with contractor education and inspection processes. Each year LDE inspectors continue to triage permits and collaborate internally as well as externally with other jurisdictions on remedies and policies. LDE continues to apply current policies and processes to better provide accurate and meaningful inspections with the goal of preventing discharges.</p> <p>Roads: 1 pH and 1 turbidity test over NAL reporting limit – Incompli (Project QSP) submits annual report and exceedances to SMARTS. Contractor notified, per the SWPPP, that no concrete pours are to take place immediately prior to rain events and debris and dust swept. Next rain event sample results in compliance.</p>	

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.).
<p>Description:</p> <p>DPD: There's been an increase in approved grading and building permits, which has greatly impacted staff duties for required wet weather inspections and for sites not requiring wet weather inspections. LDE has two Senior Construction Inspectors that cover the entire unincorporated Santa Clara County, which has a vast diversity of urban and rural elements. Sites are triaged to effectively tackle the more challenging construction sites. County staff continue to educate developers and contractors on compliance and BMPs as needed.</p>

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

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

Description:

DPD

Strengths: Outstanding and knowledgeable inspection staff that come together to collectively brainstorm on new and ongoing wet season inspections. Inspectors are constantly triaging and brainstorm about more effective ways to provide excellent inspections. The CWP continues to provide ongoing support and knowledge regarding wet weather inspections and stormwater compliance.

Weaknesses/Improvements: Staff resource constraints within construction inspection team. The amount of time and effort to conduct required wet weather inspections is approximately 30 percent of inspection time. Sites are all inspected including those not reported to assure consistency and conformance.

Roads

Strengths: All construction contracts include project specific BMP guidance from CASQA (e.g., installation, cleaning, and removal, etc.) that all contractors accept as part of bidding and accepting the contract. Additional BMP's may be asked for by the inspector or project engineer. For encroachment permit projects, Roads provides project specific BMPs to all applicants. Violation of BMPs are documented and corrected and seldom go beyond verbal warnings.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
Department of Planning and Development Construction Site Inspector Training	11/1/2018	Construction site BMPs, MRP requirements, Enforcement Response Plan	15
SCVURPPP Construction Site Inspector Workshop	3/5/2019, 3/7/2019	Construction site BMPs, MRP requirements, managing PCBs in building demolition, municipal case studies, and BMP vendor presentations.	21

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:

The following separate reports developed by SCVURPPP summarize countywide efforts conducted during FY 18-19:

- FY 18-19 Watershed Watch Campaign Annual Campaign Report
- FY 18-19 Watershed Watch Partner Report
- FY 18-19 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 18-19 Annual Report.

C.7.c. Stormwater Pollution Prevention Education

The County's stormwater pollution prevention hotline has changed to (408) 918-4609.

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

Program staff, the Watershed Watch consultant, and Co-permittees staffed 12 public outreach events in FY 18-19. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, "10 Most Wanted Backyard Bugs" brochure, "Draining Pools & Spas" brochure, "You are the Solution to Water Pollution" brochure, "Clean Cars & Clean Creeks" brochure, "Mercury in Fish" brochure, and giveaways (e.g. flyswatters, drawstring backpacks, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words "The Original Earth-Friendly Pest Control" printed on them. The bean bag toss game for children was used at most of the events. Event staff distributed approximately 2,700 outreach materials and giveaways. In addition, the Program provided funding for the following citizen involvement events:

- 1) National River Cleanup Day and Coastal Cleanup Day – The Program supports the involvement of Santa Clara Valley residents by providing advertising support for the National River Clean-up Day and Coastal Cleanup Day.
- 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-3.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
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., EnviroScape 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"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
Name: Santa Clara County Fair Date: August 3, 2018 Location: Santa Clara County Fairgrounds Region: Countywide Type: Public Outreach	Audience: Families with children Message: Stormwater pollution prevention and how the MS4 system works.	General Feedback: County staff set up a table at the event and hosted activities including a stormwater pollution prevention trivia game and the EnviroScape demonstration. Young attendees were interested in the EnviroScape model, which depicts various sources of pollution in a watershed. Some of the young

		<p>attendees recognized the model and were able to describe stormwater pollution prevention basics. Adult attendees participated in the stormwater pollution prevention trivia game and listened to staff explain how the MS4 system works. Most attendees gained new knowledge of stormwater pollution prevention.</p> <p>Estimated Overall Event Attendance: 50 Number of Brochures/Flyers Distributed: 33 Number of Giveaways Distributed: 48</p>
<p>Name: 2018 Kids 'N Fun Festival Date: August 11, 2018 Location: Cupertino Memorial Park 10185 N Stelling Rd, Cupertino Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and mercury in fish consumption advisory.</p>	<p>General Feedback: The beanbag game was very popular at this event. The "Guide to Eating Fish and Shellfish from San Francisco Bay" in English and Chinese language were also very popular.</p> <p>Estimated Overall Event Attendance: 10,000 Number of Brochures/Flyers Distributed: 247 Number of Giveaways Distributed: 242 Number of Watershed Watch Discount Cards Distributed: 108 Number of kids and adults that played the bean bag game: 324</p>
<p>Name: Coastal Cleanup Day Date: September 15, 2018 Location: Various locations throughout the County Focus: Countywide Type: Citizen Involvement</p>	<p>Description: The Creek Connections Action Group coordinated the Coastal Cleanup Day on September 15, 2018. The Program provided funding for local advertising.</p>	<p>On Coastal Cleanup Day, a total of 1,931 volunteers participated in cleaning 46 sites in Santa Clara County, and removed approximately 48,266 pounds of trash and 8,542 pounds of recyclables from 75.25 miles of coast.</p>
<p>Name: Watershed Watch "half-off" two-hour Car Wash Event Date: September 26, 2018 Location: Robertsville Classic Car Wash, 5005 Almaden Expressway, San Jose Region: Countywide Type: Public Outreach</p>	<p>Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.</p>	<p>General Feedback: The event is an annual Watershed Watch event and offers an opportunity to reach car wash customers.</p> <p>Estimated Overall Event Attendance: 66 Number of Brochures/Flyers Distributed: 5 Number of Watershed Watch Discount Cards Distributed: 17</p>

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C.7 – Public Information and Outreach

<p>Name: Day on the Bay – CWP Staff Date: October 8, 2017 Location: Alviso Marina County Park Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, pet waste management, basic watershed information, and proper disposal of HHW.</p>	<p>General Feedback: Overall, feedback from attendees was positive and the event was very successful based on the number of people staff was able to reach. A majority of attendees expressed interest in learning stormwater basics. CWP had a spinning wheel to attract visitors to participate in different interactive activities that included the EnviroScope, Stormwater Pollution Prevention Trivia Game, and Pathway Identification Game. Staff engaged attendees through these different activities and were given a basic understanding of stormwater pollution prevention. Estimated Overall Attendance: 10,000 Number of Brochures/Flyers Distributed: 126 Number of Giveaways Distributed: 511</p>
<p>Name: Day on the Bay – SCVURPPP Staff Date: October 7, 2018 Location: Alviso Marina County Park 1195 Hope St., Alviso Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and mercury in fish consumption advisory.</p>	<p>General Feedback: This was the second year that the Program attended this event. There were a lot of families with children at the event. The bean bag game was very popular with the kids and adults. Estimated Overall Event Attendance: 10,000 Number of Brochures/Flyers Distributed: 121 Number of Giveaways Distributed: 103 Number of Watershed Watch Discount Cards Distributed: 52 Number of kids and adults that played the bean bag game: 375</p>

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<p>Name: Pumpkins in the Park Date: October 13, 2018 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.</p>	<p>General Feedback: This is a great event for educating families with small children. As always, the bean bag game was very popular with the kids. The Program sponsored two ZunZun assemblies at this event. Estimated Overall Event Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 175 Number of Giveaways Distributed: 186 Number of Watershed Watch Discount Cards Distributed: 147 Number of kids that played the bean bag game: 250</p>
<p>Name: Santa Clara County's 4-H National Youth Science Day Event Date: October 13, 2018 Region Countywide Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention.</p>	<p>General Feedback: Hands-on computer science activities were held at the Google Mountain View campus. County staff prepared 71 Watershed Watch Backpacks with You Are the Solution brochures to hand out at the event. Estimated Overall Event Attendance: 71 Number of Brochures/Flyers Distributed: 71 Number of Giveaways Distributed: 71</p>
<p>Name: Downtown College Prep Outreach Event Date: February 26, 2019 Location: Downtown College Prep – El Primero Campus Region: San Jose Type: Public Outreach</p>	<p>Audience: Adults and Students Message: Stormwater pollution prevention and how the MS4 system works.</p>	<p>General Feedback: Although the event was not well attended due to limited advertising, County staff were able to have in-depth discussions with those who attended. There was great interest in the Enviroscape model. Every attendee gained new knowledge of stormwater pollution prevention and the MS4 system. Estimated Overall Event Attendance: 15 Number of Brochures/Flyers Distributed: 12 Number of Giveaways Distributed: 12</p>

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<p>Name: Arbor Day/Earth Day Celebration Date: April 25, 2019 Location: Central Park Pavilion, 909 Kiely Blvd., Santa Clara Region: Local event targeting City of Santa Clara Elementary schools Type: Public Outreach</p>	<p>Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.</p>	<p>General Feedback: This event is for elementary school children and their teachers. The bean bag game was very popular with the kids. Estimated Overall Event Attendance: 770 Number of Brochures/Flyers Distributed: 378 Number of Giveaways Distributed: 337 Number of Watershed Watch Discount Cards Distributed: 105 Number of kids that played the bean bag game: 275</p>
<p>Name: Sister County 5k Date: April 27, 2019 Location: Martial Cottle Park, San Jose Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children Message: Stormwater pollution prevention and how the MS4 system works.</p>	<p>General Feedback: Overall the event was well attended. About half of the attendees were interested in learning about stormwater pollution prevention and County staff were able to have in-depth discussions and impart new knowledge about stormwater pollution prevention. Estimated Overall Event Attendance: 60 Number of Brochures/Flyers Distributed: 20</p>
<p>Name: Fit & Fun Earth Day Fair Date: April 27, 2019 Location: Columbia Neighborhood Center, 785 Morse Ave., Sunnyvale Region: Countywide Type: Public Outreach</p>	<p>Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.</p>	<p>General Feedback: This is a popular event and offers a good opportunity to reach families. The bean bag game was very popular with the kids. Estimated Overall Event Attendance: 2,500 Number of Brochures/Flyers Distributed: 77 Number of Giveaways Distributed: 145 Number of Watershed Watch Discount Cards Distributed: 56 Number of kids that played the bean bag game: 112</p>
<p>Name: Watershed Watch "half-off" two-hour Car Wash Event Date: May 29, 2019 Location: Delta Queen Classic Car Wash 981 E Hamilton Ave., Campbell Region: Countywide</p>	<p>Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.</p>	<p>General Feedback: The event is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. The event was well attended. Estimated Overall Event Attendance: 50-75 Number of Watershed Watch Discount Cards Distributed: 74</p>

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Type: Public Outreach		
Name: Watershed Watch "half-off" two-hour Car Wash Event Date: June 12, 2019 Location: Montague Premier Car Wash 790 Montague Expressway, San Jose Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Due to extreme heat that day, overall event participation was low. However, the car wash management was appreciative of the promotion and expressed they would be happy to host another one in September. Estimated Overall Event Attendance: 15-20 Number of Watershed Watch Discount Cards Distributed: 25
Name: Watershed Watch "half-off" two-hour Car Wash Event Date: June 19, 2019 Location: Capitol Premier Car Wash 735 Capitol Expressway Auto Mall, San Jose Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 75 Number of Brochures/Flyers Distributed: 9 Number of Watershed Watch Discount Cards Distributed: 10
Name: Watershed Watch "half-off" two-hour Car Wash Event Date: June 26, 2019 Location: Robertsville Classic Car Wash 5005 Almaden Expressway, San Jose Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event is an annual Watershed Watch event and offers an opportunity to reach car wash customers. Estimated Overall Event Attendance: 50-75 Number of Brochures/Flyers Distributed: 10 Number of Watershed Watch Discount Cards Distributed: 30
Name: National River Cleanup Day Date: 5/18/19 Location: Various locations throughout the County Focus: Countywide Type: Citizen Involvement	Description: The Creek Connections Action Group coordinated the National Rivers Cleanup Day on May 18, 2019. The Program provided funding for advertising.	On National River Cleanup Day, a total of 1,070 volunteers participated in cleaning 46 sites in Santa Clara County and removed approximately 44,089 pounds of trash and 2,556 pounds of recyclables from creeks.
Name: Stewardship and Citizen Science Programs – Gardening Without Chemicals	Description/Audience: Stewardship programs are conducted in partnership	General Feedback: A large number of youth and adults continued to participate in

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<p>Dates: 7/12/18, 8/14/18, 8/25/18, 9/1/18,9/15/18, 9/25/18, 9/29/18, 10/18/18, 10/30/18, 12/1/18, 12/12/18, 2/7/19, 2/9/19, 2/21/19, 2/28/19, 3/2/19, 3/12/19, 3/19/19, 3/20/19, 4/8/19, 4/11/19, 4/18/19, 4/25/19, 5/18/19, 6/6/19, 6/8/19 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide Type: Citizen Involvement</p>	<p>with corporate groups, schools, and not-for-profit organizations. Messages: Stormwater pollution prevention, sustainable gardening, litter prevention.</p>	<p>stewardship programs this year. Participants pick up trash, and work in the Refuge garden planting native plants, pulling non-native plants, and mulching. Citizen science programs monitor the effects of climate change and the results of the stewardship activities on plants and wildlife. Overall Attendance: Stewardship programs reached a total of 825 attendees, including 5 preschool children, 108 elementary school students, 411 middle school students, 79 high school students, and 222 adults.</p>
<p>Name: Santa Clara Art & Wine Festival, Cisco Safety Fair, Safe & Green Halloween, San Jose State University Earth Day, Cupertino Cherry Blossom Festival, Cinco de Mayo, Viva Calle San Jose, Juneteenth Dates: 9/15/18, 9/20/18, 10/27/18, 4/19/19, 5/5/19, 5/19/19, 6/15/19 Location: Various locations throughout the County Focus: Countywide Type: Public Outreach</p>	<p>Audience: Adults, families with children. Messages: General messages regarding all services offered by CEPA, proper disposal of HHW, stormwater pollution prevention.</p>	<p>General Feedback: Various events located throughout the County. These events were general outreach for CEPA, but CWP materials available for distribution. Overall Attendance: 3,200 Number of Brochures/Flyers Distributed: 550</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 18-19, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 18-19 Annual Report.

C.7.f. ► School-Age Children Outreach

Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the "Watershed Watchers" program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter "Watershed Watchers" Report including the End-of-Year summary is included in the Program Annual Report Appendix 7-3. The Final ZunZun Report and Teacher Evaluation Report are included in the Program Annual Report Appendix 7-5.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name: ZunZun Musical Assembly Grade or level: Elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	Approximately 12,370 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 54 evaluation cards from teachers. Teachers were also given the option to complete the survey online. A total of 14 teachers submitted the online survey. A few highlights of the evaluations are: <ul style="list-style-type: none"> • After the performance, 13 teachers reported that 100% of their students knew what a watershed was; 34 teachers indicated that 75% of their students knew what a watershed was; 12 teachers indicated that 50% of their students knew what a

			<p>watershed was; and 7 teachers indicated that 25% of their students knew what a watershed was.</p> <ul style="list-style-type: none"> • After the performance, 47 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 17 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; 2 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed; and 0 teachers indicated that 25% of their students could name a way to prevent pollution in the watershed. <p>In addition, 21 classrooms completed the "I Pledge to Keep My School Clean" activity distributed after the assembly. The pledge requires students to dispose of trash or recyclables properly or pick up litter for a week. Students sign the pledge each day to indicate completion. Teachers are asked to fax or email the completed pledge form to Program staff to be entered into a monthly drawing. Watershed Watch sports backpacks were distributed to students in 10 classrooms. In addition, a certificate of appreciation and Watershed Watch tattoos were sent to each classroom that submitted pledges.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: Pre-school, elementary, middle, and high school.</p>	<p>The Refuge offers several interpretive programs to educate children and youth about preventing urban runoff pollution.</p>	<p>46 pre-kindergarteners, 681 elementary school students, 918 middle school students, and 290 high school students.</p>	<p>Visitor surveys and pledges are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. Details are included within the Watershed Watchers Report included in Appendix 7-3 of the SCVURPPP FY 18-19 Annual Report.</p>

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

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

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

Indoxacarb	Reporting not required in FY 15-16	0	0	0		
Diuron	Reporting not required in FY 15-16	0	0	0		
Diamides	Reporting not required in FY 15-16	0	0	0		
Active Ingredient Chlorantraniliprole		0	0	0		
Active Ingredient Cyantraniliprole		0	0	0		

Reasons for increases in use of pesticides that threaten water quality:

N/A

IPM Tactics and Strategies Used:

The County uses many strategies to implement IPM, including:

- Organic farming
- K-9 inspections and targeted heat treatment for bedbug control
- Use of traps for ground squirrel and gopher control, collapsing burrows with rodenator
- Use of traps to control birds
- Irrigation water management, mechanical and physical methods to control weeds in urban turf and landscapes
- Sheet mulching, mowing, disking, aeration, fertilizing, and manual weed control in regional parks
- Use of animals, like goats, sheep, cattle, for controlled grazing in regional parks for invasive weed management
- Adopting Bay-Friendly Landscape Maintenance Principles and practices to manage turf and landscapes around buildings and recreational areas in regional parks
- Controlled fire and revegetation for invasive weed control in regional parks
- Greater emphasis on improving sanitation, housekeeping and maintenance for structural pest management
- Use of bio-enzymes to clean drains to eliminate conditions conducive to fly breeding
- Vermin proofing facilities, bird proofing HVAC systems, shipping and receiving docks and other open systems
- Use of vacuum, steam injection to control cockroaches and bedbugs in facilities
- Use of air curtains and electronic fly trappers to control flies in facilities

C.9.b ▶ Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	5
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	5
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
<p>Type of Training: The County's IPM Manager attended PestWorld - National Pest Management association conference in 2018, where a total of 81 employees, including 5 that apply pesticides, were trained. The County's IPM Manager and IPM Senior Management Analyst attended ESRI – Introduction to Arc-GIS.</p>	

C.9.c ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>
<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 contractors' management has their own quality assurance team who verify technician work through field observations and interviews with the client (department IPM coordinators, facility manager, building occupants). The County's IPM Manager observes contractors in the field with departmental staff - Department IPM Coordinators and Facility Manager - to conduct field observations and evaluate IPM work.</p> <p>Structural pest control operator's quality control department conducts quarterly pest control audits randomly picking up facilities for inspections, and interviewing facility managers, department IPM coordinators, and County IPM Manager. Based on the findings and observations, they score their own quality and discuss observations with the County Management, who then take actions for correcting issues and compliance.</p> <p>Wildlife IPM contractors regularly meet on-site managers, stakeholders, the County IPM Manager, and conducts field inspections with County staff. County staff make recommendations on vermin proofing or other issues as well as take actions on correcting issues and compliance.</p> <p>Tree-health care contractors perform hazardous tree inspection, prepare, and discuss reports with the Department and County IPM Coordinator. County staff also take actions for correcting issues regarding tree removal, pruning, etc.</p> <p>In-house gardeners and maintenance personnel in various departments maintain properties, roadsides, parklands, trails based on the daily needs. They communicate with their supervisors and keep the County IPM Manager informed of any pest control issues and seek appropriate guidance for non-chemical and/or chemical control measures.</p> <p>The County's Pest Control Advisor (PCA) from the Roads and Airports Department also goes in the field to verify/evaluate progress of weed management work. The County's IPM Manager keeps and maintains inspection records of these field observations.</p> <p>When pesticide use is warranted, all departments and contractors follow the County's pesticide use exemption process and demonstrate good faith efforts in controlling pest problems using non-chemical methods, and then seek exemption from the County IPM Manager.</p>			
<p>If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.</p> <p>N/A</p>			

C.9.d ▶ Interface with County Agricultural Commissioners			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
<p>If yes, summarize the communication. If no, explain.</p> <p>The County IPM Program regularly communicates with the County Agricultural Commissioner's Office on pest control issues at the animal shelter, works with the Office on collaborative grant projects, and seeks help from the Office for trainer on pesticide applicator safety education.</p> <p>See Section 9 of the SCVURPPP FY 18-19 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.</p>			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
<p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations.</p>			

C.9.e.ii (1) ▶ Public Outreach: Point of Purchase
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
<p>Summary:</p> <p>The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 18-19:</p> <ul style="list-style-type: none"> • FY 18-19 Store Employee Training Report (SCVURPPP) • FY 18-19 Store Employee Training Evaluation Summary (SCVURPPP) • FY 18-19 Store Employee Training Status Table (SCVURPPP) • FY 18-19 List of Stores in the IPM Store Partnership Program (SCVURPPP) • FY 18-19 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

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:

The County IPM Program developed a "Sustainable Landscape Management" website as a means of conducting outreach to the public. The website provides information and resources for residents and landscape professionals on water-wise, native plants as attractive, resource-saving replacements for introduced plants that are harmful to local landscapes in open spaces, streetscapes, commercial properties, residential properties, and educational or institutional properties.

See Section 7 and Section 9 of the Program's FY 18-19 Annual Report for a summary of outreach to residents and businesses that use or hire structural pest control and landscape professionals. In addition, see the following separate report, included within Section 7 of the Program's FY 18-19 Annual Report.

- FY 18-19 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:

The County's version of The Model Water Efficiency Landscape Ordinance (MWELo) is titled as the "County of Santa Clara Sustainable Landscape Ordinance". The County of Santa Clara adopted a modified version of MWELo with some changes to make the language and definitions best suited to the local area. Local amendments to MWELo allow flexibility in its implementation as there exists a wide range of microclimates within Santa Clara County, and better reflect County specific permits, County's permit naming conventions, and other County Ordinance applicability thresholds to allow for improved implementation and enforcement. The State intends to update MWELo every three years, and the County's Sustainable Landscape Ordinance will be updated to reflect these anticipated updates to MWELo.

The County's Annual Pesticide Applicator Safety Education (IPM-PASE) is designed to educate pesticide applicators to minimize self and environmental exposure to pesticides. The four-hour training strives to educate all pesticide applicators, maintenance workers and users across Santa Clara County about pest management alternatives, including the safe, proper, and legal use of pesticides. This project promotes responsible decision-making, which will protect pesticide users, public health, plant and animal health, and the environment. It also discusses case-studies on alternative pest management practices and projects. The training is available to pest control license holders, pest control maintenance workers, County management staff, and IPM contractors.

See the C.9 Pesticides Toxicity Control section of Program's FY 18-19 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 18-19, the County participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.g. ▶ Evaluate Implementation of Pesticide Source Control Actions

(For FY 18-19 Annual Report only) Submit an evaluation that assesses; 1) the effectiveness of IPM efforts required in Provisions C.9.a-e and g, 2) a discussion of any improvements made in the past five years; 3) any changes in water quality regarding pesticide toxicity in urban creeks; and 4) a brief description of one or more pesticide-related area(s) the Permittee will focus on enhancing during the subsequent permit term.

Summary:

See Section C.9 Pesticides Toxicity Control of SCVURPPP's FY 18-19 Annual Report for a report that includes the following:

- An evaluation of the effectiveness of source control measures implemented;
- Changes in water quality regarding pesticide toxicity in urban creeks;
- Improvements made to the County's IPM Program in the past five years; and
- Pesticide-related area(s) that the County will focus on enhancing during the next permit term.

Section 10 - Provision C.10 Trash Load Reduction

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

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

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	15.1%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	58.7%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	10.0%
Subtotal for Above Actions	83.8%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	1.2%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%
Total (Jurisdictional-wide) % Trash Load Reduction through FY 2018-19	85.0%

Discussion of Trash Load Reduction Calculation and Attainment of the 80% Mandatory Deadline:
 The County attained and reported 83.9% trash load reduction (including trash offsets) in its FY 17-18 Annual Report. During FY 18-19, the County continued to implement a robust trash control measure program, which helped the County 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 18-19 is 83.8%. The most recent version of the County's Baseline Trash Generation Map can be downloaded at <http://scvurppp.org/trashmaps/>.

¹ See Appendix 10-1 for changes between 2009 and FY 18-19 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 18-19, during FY 18-19, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 19-20		
Connector Pipe Screens (Public)	**	***
Installed in FY 18-19		
Devices installed by bordering Permittees with treatment areas extending into the County of Santa Clara	-	26.2
Installed Prior to FY 18-19		
Connector Pipe Screens (Public)	26*	4.4
Hydrodynamic Separator (Public)	2	36.1
Hydrodynamic Separator (Private)	1	198.9
Devices installed by bordering Permittees with treatment areas extending into the County of Santa Clara	-	708.8
Total for all Systems Installed To-date	29	974.6
Treatment Acreage Required by Permit (Population-based Permittees)		N/A
Total # of Systems Required by Permit (Non-population-based Permittees)		4

* The land area treated by 24 of the 26 connector pipe screens is also treated by large capture systems installed and maintained by the City of San Jose. The areas associated with the large capture systems are reported under a separate row below.
 **On July 29, 2019, a total of 14 connector pipe screens were installed at the corner of Athene Dr. and Woodhaven Dr., along Roehampton Ave., Buckner Ave., and Jerilyn Dr. within the Alum Rock area. In addition, connector pipe screens were installed along Lawrence Expressway in August 2019. The total number of connector pipe screens installed will be included in the FY 19-20 Annual Report.
 ***The areas treated (acres) has not been determined for the FY18-19 Annual Report. It will be included within the FY19-20 Annual Report.

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

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 18-19 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 18-19 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 18-19	Summary of Maintenance Issues and Corrective Actions
1A	0.0%	29	0%	<p>Inlets with full capture devices also have auto-retractable screens (ARS). Maintenance includes twice monthly sweeping at night when businesses are closed and there are no cars parked on the street. The Department of Road and Airports has found that the combination of ARS screening and street sweeping prevents inlets from becoming more than 50% full. All full capture devices are cleaned once per year prior to the rainy season, typically in October. Full capture devices will be cleaned more frequently if blockage or flooding occurs. To-date, there have been no issues of blockage or flooding with the devices.</p> <p>The County of Santa Clara Department of Roads and Airports certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable publicly maintained systems in manner that meets the full capture system requirements included in the Permit.</p> <p>Additionally, the County of Santa Clara's Clean Water Program certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable privately maintained systems in manner that meets the full capture system requirements included in the Permit.</p>
1B	0.7%			
1C	1.3%			
2A	1.3%			
2B	0.7%			
2C	0.0%			
3A1	0.4%			
3A2	0.1%			
3B1	0.1%			
3B2	0.2%			
3B3	0.0%			
4A	1.3%			
4B	1.8%			
4C	1.1%			
5A	0.0%			
5B	0.7%			

5C	0.0%			
6	0.0%			
7	0.0%			
8	5.4%			
9	0.0%			
10	0.0%			
11	0.0%			
Total*	15.1%			
<p>Certification Statement: <i>The County of Santa Clara certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.</i></p>				

*The total jurisdiction-wide reduction reported for full capture systems does not include a 5.2% reduction associated 5,684 acres (25% of treatment area) treated by four trash booms operated on Adobe/Barron, Lower Silver, Matadero, Thompson Creeks operated by a partner County and/or the SCVWD. In future years, the County reserves the right to adjust the reduction accordingly, based on achieving future compliance deadlines according to permit requirements.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)	
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.	
TMA	Summary of Trash Control Actions Other than Full Capture Systems
1-6, 8, 10	Street Sweeping; Since FY 13-14 the County enhanced its sweeping program to sweep all seven expressways two times per month, which is twice the frequency of sweeping conducted previously. In addition, the enhanced sweeping includes medians, both inside and outside curb and gutter, and all on- and off-ramps. Previously, street sweeping was conducted once per month and the inside curb and gutter, median and on- and off-ramps were not swept. Commercial areas of TMA 8 were included in enhanced street sweeping program.
1-6, 10	On-land Cleanup: Since FY 14-15 the County has used its Weekend Work Program (WWP) and Public Service Program (PSP) for litter pick-up on expressways. During FY18-19, there were approximately 181 pick-up events between both programs.
4B	Since FY 97-98, the County has had a landscape management agreement with the City of Mountain View, which includes litter removal. It covers Central Expressway between San Antonio Road and Bernardo Avenue. The agreement remained active through FY 18-19.
6	Since FY 71-72, the County has had a landscape management agreement with the City of Palo Alto, which includes litter removal. It covers Oregon-Page Mill Expressway between Southern Pacific Railroad tracks and Foothill Expressway. The agreement remained active through FY 18-19.
10	Since FY 70-71, the County has had a landscape management agreement with the Town of Los Altos, which includes litter removal. It covers Foothill Expressway between Interstate 280 and Adobe Creek. The agreement remained active through FY 18-19.
11	The County coordinates volunteer creek clean ups at various County parks on National River Clean Up Day and Coastal Clean Up Day annually. During these two major cleanup events in FY 18-19, 349 volunteers removed trash from the following County Park locations: Stevens Creek, Coyote Lake, Vasona Lake, Hellyer, Sanborn, Los Gatos Creek, Joseph D. Grant, Anderson Lake, and Alviso Marina.

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 18-19 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

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

Explanation: No OVTAs were conducted in TMA #9 in FY 18-19 because limited street lengths are available for assessments. No OVTAs were conducted in TMA #10 and #11 because all areas are low trash generating, as depicted on the City's baseline map.

TMA ID or (as applicable) Control Measure Area	Total Street Miles ² Available for Assessment	Summary of On-land Visual Assessments ³			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Available Street Miles Assessed	Avg. # of Assessments Conducted at Each Site ^{4,5}	
1A	2.28	0.57	24.9%	6.7	2.7%
1B	2.58	0.75	29.2%	6.8	2.0%
1C	1.61	0.62	38.5%	7.0	2.8%
2A	3.27	0.60	18.3%	7.0	1.7%
2B	2.21	1.22	55.1%	7.0	3.5%
2C	2.66	0.88	33.0%	7.0	2.8%
3A1	3.05	0.97	31.9%	7.0	3.2%
3A2	1.21	1.12	92.8%	7.0	3.6%
3B1	4.28	0.45	10.5%	7.0	1.4%
3B2	2.42	1.65	68.3%	7.0	5.1%
3B3	3.55	0.98	27.7%	7.0	3.2%
4A	2.51	1.33	53.2%	7.0	4.4%
4B	0.94	0.94	100.0%	7.0	4.0%
4C	3.34	0.42	12.6%	7.0	1.5%

² Street miles are defined as the street lengths and do not include curbs associated with medians.

³ Assessments conducted between July 2017 and July 2019 are assumed to be representative of trash levels in FY 18-19 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

⁴ Each assessment site is roughly 1,000 feet in length.

⁵ Based on analyses conducted as part of the BASMAA Tracking California's Trash project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

FY 2018-2019 Annual Report
Permittee Name: County of Santa Clara

C.10 – Trash Load Reduction

5A	2.54	1.23	48.5%	7.0	3.6%
5B	2.41	0.98	40.6%	7.0	3.2%
5C	4.48	0.79	17.7%	7.0	2.9%
6	11.51	1.30	11.3%	7.0	4.5%
7	1.33	1.18	88.9%	7.2	2.2%
8	0.36	0.36	100.0%	6.5	0.4%
9	0.76	0.00	0.0%	0.0	0.0%
10	0.00	NA	NA	NA	NA
11	3.04	NA	NA	NA	NA
Total	18.34	-	-	-	58.7%

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

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
Single Use Carry Out Bag Ordinance	<p>The County of Santa Clara has adopted a Single-Use Carryout Bag Ban, which became effective on January 1, 2012. The Ordinance prohibits the free distribution of paper and plastic single-use carryout bags at retail establishments within unincorporated Santa Clara County.</p> <p>Ordinance available at: http://www.sccgov.org/sites/iwm/Documents/executedsingle-use-carryout-bag-ord.pdf</p>	<p>The County participated in a countywide study in FY 15-16 to characterize trash in full capture systems. The study conducted by SCVURPPP was intended to assist Santa Clara Valley Permittees in determining the current levels of litter-prone items (i.e., single-use bags and EPS food service ware) in stormwater and evaluate whether these levels have changed since ordinances prohibiting the distribution of these items were put into effect. For additional details on the study design and methods, see the SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls.</p>	<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 of trash in full trash 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. For additional details on results of the study, see the SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls.</p> <p>Based on the results of the SCVURPPP study, the County 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 County's stormwater conveyance system.</p>	5.8%

C.10.b.iv ► Trash Reduction – Source Controls				
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.				
Expanded Polystyrene Food Service Ware Ordinance	The County of Santa Clara adopted an Expanded Polystyrene Restriction which became effective on February 1, 2013. The Ordinance prohibits the use of expanded polystyrene foam disposable food service ware. Refer to County Code of Ordinances Title B; Division 11, Chapter XIX; available at: https://library.municode.com/index.aspx?clientId=13790	The County participated in a countywide study in FY 15-16 to characterize trash in full capture systems. The study conducted by SCVURPPP was intended to assist Santa Clara Valley Permittees in determining the current levels of litter-prone items (i.e., single-use bags and EPS food service ware) in stormwater and evaluate whether these levels have changed since ordinances prohibiting the distribution of these items were put into effect. For additional details on the study design and methods, see the SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls.	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. Results from the SCVURPPP Study, which characterized of trash in full trash 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. For additional details on results of the study, see the SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls. Based on the results of the SCVURPPP study, the County 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 County's stormwater conveyance system.	4.4%

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

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

In FY 18-19, the County continued implementing the BASMAA Regional Receiving Water Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations within the County of Santa Clara. Implementation occurred through both the County's own efforts and participation in the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). Consistent with MRP requirements, a preliminary report describing data results and findings to-date was submitted to the Water Board via BASMAA on July 1, 2019 on behalf of all Permittees. The final report for the development and testing of the Bay Area trash receiving water monitoring program will be submitted by BASMAA by July 1, 2020, consistent with the MRP requirements, following peer review.

In addition to implementing the BASMAA Monitoring Plan, the County coordinated (via SCVURPPP) on the Statewide Trash Monitoring Methods Project, which is funded by the California Ocean Protection Council and State Water Board and administered via the Southern California Coastal Water Research Project (SCCWRP) and San Francisco Bay Estuary Institute (SFEI).

Additional information on accomplishments in FY 18-19 can be found in the Receiving Water Trash Monitoring Program Progress Report included in the SCVURPPP FY 18-19 Annual Report.

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 18-19 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 18-19.

Trash Hot Spot	New Site in FY 18-19 (Y/N)	FY 18-19 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
SCC02	N	9/15/2018	5.0	1.4	2.8	3.0	0.1
SCC03	N	9/15/2018	5.0	1.4	2.8	3.0	0.07
SCC04	N	5/18/2019	8.9	0.5	0.7	6.2	0.03

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
In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the County's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alternation of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the County. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the County's baseline trash generation maps. The campus of Stanford University, a private university, was added as a jurisdictional area. Revised maps that incorporate these revisions were included in Appendix 10-2 of the FY 15-16 Annual Report.	All Applicable
The campus of Stanford University, a private university, was added as a jurisdictional area. The portion of Stanford located within unincorporated Santa Clara County is approximately 4,000 acres in size. Revised TMA maps that incorporate these revisions were included in Appendix 10-2 of the FY 15-16 Annual Report.	11
In FY 14-15 TMA #1 (Capitol Expressway) was divided into three secondary TMAs (A, B, C). Each secondary TMA has different land uses and levels of access needed to conduct on-land assessments. TMA #1A includes the expressway from I-680 to Quimby Road; TMA #2B includes the expressway from Quimby Road to Senter Road; and TMA #2C includes the expressway from Senter Road to State Highway 87 (Guadalupe Parkway).	1

<p>In FY 14-15 TMA #2 (Lawrence Expressway) was divided into three secondary TMAs (A, B, C). Each secondary TMA has different land uses and levels of access needed to conduct on-land assessments. TMA 2A includes the expressway from State Highway 237 to Kifer Road; TMA #2B includes the expressway from Kifer Road to I-280; and TMA #2C includes the expressway from I-280 to Saratoga Road.</p>	<p>2</p>
<p>In FY 14-15 TMA #3 (Montague and San Tomas Expressways) were divided into 5 secondary TMAs (A1, A2, B1, B2 and B3). Each secondary TMA has different land uses and levels of access needed to conduct on-land assessments. TMAs A1 (I-680 to Trimble Road) and A2 (Trimble Road to US Highway 10) are located on Montague Expressway. TMAs B1 (US Highway 101 to Monroe), B2 (Monroe to Payne Avenue), and B3 (Payne Avenue to State Highway 17) are located on San Tomas Expressway.</p>	<p>3</p>
<p>In FY 14-15 TMA #4 (Central Expressway) was divided into three secondary TMAs (A, B, C). Each secondary TMA has different land uses and levels of access needed to conduct on-land assessments. TMA 4A includes the expressway from Trimble Road/Dela Cruz Boulevard to Fair Oaks Avenue; TMA #4B includes the expressway from Fair Oaks Avenue to Shoreline Blvd; and TMA #4C includes the expressway from Shoreline Blvd to San Antonio Road.</p>	<p>4</p>
<p>In FY 14-15 TMA #5 (Almaden Expressway) was divided into three secondary TMAs (A, B, C). Each secondary TMA has different land uses and levels of access needed to conduct on-land assessments. TMA #5A includes the expressway from State Highway 87 (Guadalupe Parkway) to Branham Lane; TMA #4B includes the expressway from Branham Lane to Camden Avenue; and TMA #4C includes the expressway from Camden Avenue to Harry Lane.</p>	<p>5</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 18-19. 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 18-19	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	In FY 18-19 the Clean Water Program, in collaboration with Parks, coordinated a litter reduction pilot project at select County parks where litter is routinely being removed from areas adjacent to creeks, rivers, or other waterbodies. Multiple litter cleanups were conducted between October 4, 2018 and June 27, 2019 at the following County parks: Vasona Lake, Coyote Lake and Hellyer. One litter cleanup was conducted at Calero Park on June 7, 2019. Trash collection was documented by Parks maintenance staff, per guidance and training provided by Clean Water Program staff.	23.4 CY	1.2%
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 18-19.⁶

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 18-19 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		
1A	0	0	62	0	62	0	0	62	0	62	0.0%	0	46	16	0	62	2.7%	2.7%
1B	0	0	54	0	54	9	0	45	0	54	0.7%	14	28	12	0	54	2.0%	2.7%
1C	0	0	68	0	68	16	0	51	0	68	1.3%	32	27	9	0	68	2.8%	4.1%
2A	0	0	48	0	48	17	0	32	0	48	1.3%	22	22	5	0	48	1.7%	3.0%
2B	0	0	73	0	73	9	0	64	0	73	0.7%	25	39	9	0	73	3.5%	4.2%
2C	0	0	46	0	46	0	0	46	0	46	0.0%	13	31	2	0	46	2.8%	2.8%
3A1	0	0	56	0	56	6	0	51	0	56	0.4%	21	34	2	0	56	3.2%	3.6%
3A2	0	0	60	0	60	2	0	58	0	60	0.1%	26	31	3	0	60	3.6%	3.8%
3B1	0	0	25	0	25	2	0	24	0	25	0.1%	8	15	2	0	25	1.4%	1.5%
3B2	0	0	89	0	89	2	0	87	0	89	0.2%	27	54	8	0	89	5.1%	5.3%
3B3	0	0	52	0	52	0	0	52	0	52	0.0%	15	34	2	0	52	3.2%	3.2%
4A	0	0	87	0	87	16	0	70	0	87	1.3%	42	42	2	0	87	4.4%	5.7%
4B	0	0	89	0	89	23	0	66	0	89	1.8%	41	44	3	0	89	4.0%	5.8%
4C	0	0	37	0	37	14	0	22	0	37	1.1%	27	10	0	0	37	1.5%	2.6%
5A	0	0	65	0	65	0	0	65	0	65	0.0%	12	46	7	0	65	3.6%	3.6%
5B	0	0	61	0	61	9	0	52	0	61	0.7%	25	34	2	0	61	3.2%	3.9%
5C	0	0	42	0	42	0	0	42	0	42	0.0%	24	18	0	0	42	2.9%	2.9%
6	0	0	69	0	69	0	0	69	0	69	0.0%	27	41	0	0	69	4.5%	4.5%
7	134	415	2	0	551	134	415	2	0	551	0.0%	254	294	4	0	551	2.2%	2.2%
8	158	248	17	0	423	387	35	1	0	423	5.4%	408	15	0	0	423	0.4%	5.8%
9	350	11	21	0	382	350	11	21	0	383	0.0%	350	11	21	0	383	0.0%	0.0%
10	125	0	0	0	125	125	0	0	0	125	NA	125	0	0	0	125	NA	NA
11	380,930	0	0	0	380,930	380,930	0	0	0	380,930	NA	380,930	0	0	0	380,930	NA	NA
Totals	381,697	674	1,123	0	383,494	382,051	461	981	0	383,494	15.1%*	382,468	917	109	0	383,494	58.7%	73.8%

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

*The total jurisdiction-wide reduction reported for full capture systems does not include 5.2% reduction associated 5,684 acres (25% of treatment area) treated by four trash booms operated on Adobe/Barron, Lower Silver, Mataadero and Thompson Creeks operated by the County and/or SCVWD. In future years, the County reserves the right to adjust the reduction accordingly, based on achieving future compliance deadlines according to permit requirements.

⁶ 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

See the Program's FY 2018-19 Annual Report for updated information on:

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

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

See the Program's FY 2018-19 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Program's FY 2018-19 Annual Report.

¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

Section 12 - Provision C.12 PCBs Controls

C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions
C.12.b ► Assess PCBs Load Reductions from Stormwater

See the Program's FY 2018-19 Annual Report for:

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

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

See the Program's FY 2018-19 Annual Report for, as part of reporting for C.12.b.iii(2), an estimate of the amount of PCBs load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

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

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

On July 1, 2019, was your agency ready to implement a method for identifying applicable structures (buildings built or remodeled between 1950 and 1980, except that single family residential and wood-framed buildings are exempt) that apply for a demolition permit?	X	Yes		No
On July 1, 2019, was your agency ready to implement a method to manage PCBs during demolition of applicable structures?	X	Yes		No
Does your agency have a data-gathering method in place to inform reporting on the effectiveness of your agency's program to manage PCBs during demolition of applicable structures (e.g., the number of applicable structures, and the amount and concentration of PCBs in priority building materials in applicable structures)?	X	Yes		No

C.12.h ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Program's FY 2018-19 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:

Discharges from copper treatments at a construction site or during maintenance on existing buildings would be addressed as a stormwater pollutant discharge consistent with the County's Stormwater Enforcement and Spill Response Plan.

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:

During FY 18-19, there was no reported swimming pool discharges reported to the County's Clean Water Program. The County's Consumer Protection Division, under DEH, regularly inspects public swimming pool facilities and ensures that pools and spas are discharging water in a manner that would not impact the MS4 or any receiving waters.

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:

Under the Business Inspection Program, potential sources of copper are considered during pre – inspection research and flagged for future investigation. During the inspections, inspectors also look for any copper architectural features on – site. No users or sources of copper were identified during FY 18 -19 C.4 business inspections. The County's Hazardous Materials Compliance Program also ensures that copper in solutions and dust is handled the same way as all other hazardous waste per the facility's hazardous waste business plan.

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:

- **Watering/Irrigation Practices Outreach**

The County has taken several steps and initiatives to encourage appropriate watering/irrigation practices that provide significant water savings in the County's internal ground/structural operations.

- **Drought-Tolerant and Native Vegetation Outreach**

The County is gradually phasing in drought-tolerant and native vegetation in the County's internal ground designs, implementation and maintenance. The County also promotes the same concepts through the sustainable landscape management website, and policies and ordinances on water conservation and sustainable landscape management.

- **Sustainable Landscaping**

The County's Office of Sustainability launched the IPM sustainable landscape management website on October 2017. The site provides information to educate and promote sustainable landscaping to County employees, residents and businesses. The website provides information and resources for residents and landscape professionals on water-wise, native plants as attractive, resource-saving replacements for introduced plants that are harmful to local landscapes in open spaces, streetscapes, commercial properties, residential properties, and educational or institutional properties. A Landscape Assessment, executed in two phases between 2018 and 2019, was completed in May 2019. The results of the assessment will include recommendations for irrigation efficiency upgrades, low water-use replacement plants, employee training, and cost estimates for transitioning assessment sites to sustainable landscaping.

- **Recycled Water**

Currently, six County facilities use recycled water. The Landscape Assessment results will be used to identify other opportunities to use recycled water at other County facilities.

- **Development of the County's Sustainability Master Plan**

The County is currently working on a countywide Sustainability Master Plan to promote and advance the County's vision for sustainability that centers on a healthy environment, vibrant economy, and social equity. The Plan aims to establish a process to create a foundational management system to achieve coordinated collaboration and a resulting plan for advancing sustainability. Key sustainability categories include natural resources & environment, build environment, climate defense, public health, safety & equity, and economy & innovation. Focuses of conservation, stormwater management system, water supply systems, water quality, and drainage patterns of sites within the County are included in categories of natural resources & environment and build environment.

Refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 2018-19 Annual Report for regional information.

County of Santa Clara FY 18-19 Annual Report Attachments

Section 2 – Provision C.2 Municipal Operations

- Attachment C.2.f Corporation Yard Inspections

Section 4 – Industrial and Commercial Site Controls

- Attachment C.4.b.iii Potential Facilities List

**County of Santa Clara FY 18-19 Annual Report
Attachment C.2.f Corporation Yard Inspections**

Attachment C.2.f - County of Santa Clara FY 18-19 Corporation Yard Inspections

County Parks			
Corporation Yard Name	Inspection Date	Inspection Findings/Results	Follow-Up Actions
Anderson Lake	9/18/2018	No issues observed	None
Calero Reservoir	9/28/2018	No issues observed	None
Coyote Lake Park	9/7/2018	No issues observed	None
Ed Levin	9/28/2018	No issues observed	None
Grant	9/25/2018	No issues observed	None
Hellyer	9/28/2018	Leaves, debris and trash in parking lot. Accumulation of leaves at storm drain inlet.	9/28/2018 - Leaves were raked and trash removed. Leaves were cleaned from around storm drain.
Motorcycle	9/26/2018	No issues observed	None
Mt. Madonna	9/26/2018	Bar oil Spill, grease & fluid leaks from vehicles	9/26/2018 - Bar oil & grease cleaned. Fluid leaks cleaned.
Sanborn	9/24/2018	No issues observed	None
Stevens Creek	9/24/2018	No issues observed	None
Uvas Canyon	9/24/2018	No issues observed	None
Vasona	9/22/2018	No issues observed	None

Roads and Airports			
Corporation Yard Name	Inspection Date	Inspection Findings/Results	Follow-Up Actions
East Yard	9/27/2018	Gravel, aggregate and sand pile covers were not properly secured. Some stormwater waddles around garbage bunkers were worn out or damaged.	Piles were secured within the week. 10/18/2018 - Stormwater waddles were repaired.
West Yard	9/28/2018	Cigarette butts scattered around Materials Lab. Dry well drain in vicinity. Dumpster by Materials Labs was open. Piles of gravel were uncovered. A storm drain inlet at Mitty Yard was damaged.	Emailed Materials Lab supervisor and issues were resolved. Piles of gravel were covered up within a week. 10/1/2018 - Storm drain inlet at Mitty Yard was repaired.

Attachment C.2.f - County of Santa Clara FY 18-19 Corporation Yard Inspections

Facilities and Fleet			
Corporation Yard Name	Inspection Date	Inspection Findings/Results	Follow-Up Actions
Junction Yard	9/12/2018	Trash bin open	9/12/2018 - Corrected during inspection
	10/18/2018	Bins stored outside, and BBQ not covered	10/30/2018 - Bins moved inside and BBQ covered
	11/27/2018	No issues observed	None
	12/18/2018	Trash bin open	12/18/2018 - Corrected during inspection
	1/22/2019	No issues observed	None
	2/22/2019	No issues observed	None
	3/28/2019	Trash bin open	12/18/2018 - Corrected during inspection
	4/18/2019	No issues observed	None
	5/30/2019	No issues observed	None
	6/18/2019	Incident at the fuel farm (fuel overfill)	6/18/2019 - Spill was contained and cleaned before reaching storm drain

**County of Santa Clara FY 18-19 Annual Report
Attachment C.4.b.iii Potential Facilities List**

Attachment C.4.b.iii - County of Santa Clara FY 18-19 Potential Facilities List

Name	Facility Address	City	State	Zip
Reid-Hillview County Airport	2500 Cunningham Ave	San Jose	CA	95148
Santa Clara County Fairground	344 Tully Rd	San Jose	CA	95020
Lehigh SW Cement	24001 Stevens Creek Blvd	Cupertino	CA	95014
Stevens Creek Quarry	12100 Stevens Canyon Rd	Cupertino	CA	95014
Vulcan Materials (Lexington Quarry)	18500 Limekiln Canyon Rd	Los Gatos	CA	95033
Curtner Quarry	2000 Scott Creek Rd	Milpitas	CA	95035
Rhys Vineyards	11715 Skyline Bl	Los Gatos	CA	95033
Testarossa Winery	300 College Ave A	Los Gatos	CA	95030
Honda Heaven	220 Hillcap Ave	San Jose	CA	95136
United Site Services Of CA	3408 Hillcap Ave	San Jose	CA	95136
Rich Voss Trucking	12100 Stevens Canyon Rd	Cupertino	CA	95014
Action Auto Wreckers	242 Hillcap Ave	San Jose	CA	95136
A-1 Auto Dismantlers	200 Hillsdale Ave	San Jose	CA	95136
Rose Rock Ranch	20100 Almaden Rd	San Jose	CA	95120
Cambrian Park Plaza	14900 Camden Ave	San Jose	CA	95124
Gardner's Landscaping	355 Umbarger Rd	San Jose	CA	95111
PL Fence Company	2640 Pacer Ln	San Jose	CA	95111
G1 Towing	2642 Pacer Ln	San Jose	CA	95111
Monterey Mushrooms Inc	642 Hale Ave	Morgan Hill	CA	95037
Garage Winemaker, LLC	19620 Redberry Dr	Los Gatos	CA	95030
Savannah Chanelle Vineyards	23600 Congress Springs Rd	Saratoga	CA	95070
Mt. Eden Vineyards	22020 Mt Eden Rd	Saratoga	CA	95070
Deans Pro Line	385 Umbarger Rd	San Jose	CA	95111
Dry 1 Out	2655 Pacer Ln	San Jose	CA	95111
Parga Towing Service	2655 Pacer Ln, Yard B	San Jose	CA	95111
Com Tam Thanh	905 S Bascom Ave	San Jose	CA	95128
Redwood Empire	10 Madrone Ave	Morgan Hill	CA	95037
Nonno's Pizza & Pasta	21433 Broadway St	Los Gatos	CA	95033
Gold Tree Bakery	547 S Bascom Av B	San Jose	CA	95128
Grandview Restaurant	15005 Mt Hamilton Rd	San Jose	CA	95140
La Foret	21747 Bertram Rd	San Jose	CA	95120
Mini Gourmet	599 S Bascom Ave	San Jose	CA	95128
The Mountain Winery	14831 Pierce Rd	Saratoga	CA	95070
Loma Prieta School District Bus Yard	23845 Summit Rd	Los Gatos	CA	95033
Calderon's Tires	454 S. Bascom Ave	San Jose	CA	95128
Cartex One Stop Auto	438 S. Bascom Ave	San Jose	CA	95128
Monster Tires	40 Cleveland Ave	San Jose	CA	95128
Ace Storage Company	20250 Mckean Rd	San Jose	CA	95120
California Natural Dried Flowers	235 Miramonte Ave	Morgan Hill	CA	95037
Wiersig Garden Plants	1488 Arbor Avenue	Los Altos	CA	94024
PG&E-Metcalf General Construction Yard	100 Metcalf Rd	San Jose	CA	95138

Attachment C.4.b.iii - County of Santa Clara FY 18-19 Potential Facilities List

Name	Facility Address	City	State	Zip
Suburban Propane	3105 Monterey Rd	San Jose	CA	95111
Odie Sheetmetal Works	375 Umbarger Road	San Jose	CA	95111
Enrique Delgadillo	191 Clareview Ave	San Jose	CA	95127
Prevost Ranch and Gardens	4195 Sierra Road	San Jose	CA	95037
Wing Mok Nursery	530 Live Oak Ave	Morgan Hill	CA	95037
Coyote Express	8145 Monterey Rd	Coyote	CA	95013
Summit Vet Hospital & Kennels	23291 Summit Rd	Los Gatos	CA	95033
Calero Pet Retreat	7570 Tierra Sombra Ct	San Jose	CA	95120
God's Little Acre	19810 Almaden Road	San Jose	CA	95120
Jardine's Nursery	622 B San Bruno Ave	Morgan Hill	CA	95037
Sti Trucking	8220 Monterey Rd	Coyote	CA	95013
Broom Service Inc	12100 Stevens Canyon Rd	Cupertino	CA	95014
Crystal Maintenance Group	2655 Pacer Lane	San Jose	CA	95111
Concrete Ready Mix	33 Hillsdale Ave	San Jose	CA	95136
D&M Towing	2634 Pacer Ln	San Jose	CA	95111
San Jose Plumbing	19970 Mckean Rd	San Jose	CA	95120
Mid Peninsula Open Space	21150 Skyline Blvd	Redwood City	CA	94020
Boething Treeland Farms	2923 Alpine Rd	Portola Valley	CA	94028
SP McClenahan Company	1 Arastradero Rd	Portola Valley	CA	94025
Dassel's Petroleum/ Sunnyvale Rod & Gun Club	11998 Stevens Canyon Rd	Cupertino	CA	95014
Via West Services	13851 Stevens Canyon Rd	Cupertino	CA	95014
Los Altos Golf & Country Club	1560 Country Club Dr	Los Altos	CA	94022
San Jose Country Club	15571 Alum Rock Ave	San Jose	CA	95116
Santa Teresa Golf Club	260 Bernal Rd	San Jose	CA	95119
The Golf Club At Boulder Ridge	1000 Old Quarry Rd	San Jose	CA	95123
Saratoga Springs	22801 Big Basin Wy	Saratoga	CA	95070
Calvac Paving	2645 Pacer Ln	San Jose	CA	95111
My Hawk Lok Nursery	320 Kalana Ave	Morgan Hill	CA	95037
Coyote Valley Sporting Clays	1000 San Bruno Ave	Morgan Hill	CA	95037
San Jose Towing	395 Umbarger Rd	San Jose	CA	95111
Hallmark Equipment Inc	11040 N Monterey Rd	Morgan Hill	CA	95037
Medallion Landscape Management	10 San Bruno Ave	Morgan Hill	CA	95037
Yuan's Nursery	620 San Bruno Ave	Morgan Hill	CA	95037
Roman Gardens	APN: 712-07-018	Coyote	CA	95037
Cnps Scv Nursery	26870 Moody Rd	Los Altos Hills	CA	94022
Hidden Villa Inc	26870 Moody Rd	Los Altos Hills	CA	94022
Belgrow	340 Kirby Ave	Morgan Hill	CA	95037
The Grass Farm	602 Palm Ave	Morgan Hill	CA	95037
Cal Color Growers, LLC	330 Peebles Ave	Morgan Hill	CA	95037
Walden West	15555 Sanborn Rd	Saratoga	CA	95070
Marra Brothers Distributing	550 Monterey Rd Suite A	Morgan Hill	CA	95037

County of Santa Clara FY 18-19 Annual Report Appendix C.4.b.iii Potential Facilities List

Name	Facility Address	City	State	Zip
A&A Granite Creations	550 Monterey Rd	Morgan Hill	CA	95037
Vs Fencing	550 Monterey Rd	Morgan Hill	CA	95037
Kawahara Nursery	698 Burnett Ave	Morgan Hill	CA	95037
Land & Sea Rv & Boat Storage	20000 Old Monterey Rd	Morgan Hill	CA	95037
Mellow's Nursery & Farm	595 Monterey Rd	Morgan Hill	CA	95037
Cliff Chak Nursery	500 Peebles Ave	Morgan Hill	CA	95037
Fortune Agricultural Co.	195 C San Bruno Ave	Morgan Hill	CA	95037
Hong's Nursery	155 San Bruno Ave	Morgan Hill	CA	95037
Morgan Hill Growers	19700 Dougherty Ave	Morgan Hill	CA	95037
Perusina Brothers	547 A Live Oak Ave	Morgan Hill	CA	95037
Rocky Tam Nursery	195 A San Bruno Ave	Morgan Hill	CA	95037
Siu Wah Mok Nursery	20 Kalana Ave	Morgan Hill	CA	95037
Ted Leung Nursery	285 San Bruno Ave	Morgan Hill	CA	95037
Artistic Plant Creations	10320 Dougherty Ave	Morgan Hill	CA	95037
Royal Oaks Mushroom	15480 Watsonville Rd	Morgan Hill	CA	95037
Marra Ranch	229 Miramonte Ave	Morgan Hill	CA	95037
Big Trees Nursery	11040 Monterey Rd	Morgan Hill	CA	95037