

County of Santa Clara Municipal Regional Stormwater NPDES Permit Annual Report FY 15-16



September 30, 2016

County of Santa Clara

Consumer and Environmental Protection Agency



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September 30, 2016

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

Subject: County of Santa Clara
FY 2015-2016 Annual Report

Dear Mr. Wolfe:

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 2015-2016 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 Michael Rhoades at (408) 282-3165 regarding any questions or concerns.

Very truly yours,

Amy L. Brown
Director, Consumer and Environmental Protection Agency

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

**COUNTY OF SANTA CLARA
FY 2015-2016 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:





Amy L. Brown
Director, Consumer and Environmental Protection Agency

Date

FY 2015-2016 Annual Report
Permittee Name: County of Santa Clara

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 2015 through June 2016			
Name of the Responsible Authority:	Amy L. Brown	Title:	Director, Consumer and Environmental Protection Agency	
Mailing Address:	1553 Berger Drive			
City:	San Jose	Zip Code:	95112	County: Santa Clara
Telephone Number:	(408) 918-4622	Fax Number:	(408) 286-2460	(408) 286-2460
E-mail Address:	amy.brown@cep.sccgov.org			
Name of the Designated Stormwater Management Program Contact (if different from above):	Michael Rhoades	Title:	Clean Water Program Manager	
Department:	Consumer and Environmental Protection Agency			
Mailing Address:	1553 Berger Drive			
City:	San Jose	Zip Code:	95112	County: Santa Clara
Telephone Number:	(408) 282-3165	Fax Number:	(408) 286-2460	
E-mail Address:	michael.rhoades@cep.sccgov.org			

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary: The County continued to implement appropriate BMPs at municipal operations during FY 15-16. Parks, Facilities and Fleet (FAF) and Roads and Airports (Roads) conduct facility, trail and road maintenance activities throughout the year. Maintenance staff receive stormwater pollution prevention training along with other environmental safety training annually. The County's maintenance yards are continuously maintained and operated to prevent the release of stormwater pollutants.

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: None

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: Due to the drought, only dry cleaning methods were used by Parks and Roads. FAF continued to require that anyone using pressure washing equipment first receives BASMAA Mobile Surface Cleaning training.

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.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	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: Graffiti is painted over rather than washed from surfaces. Appropriate BMPs are implemented when conducting bridge and structural maintenance. Maintenance personnel routinely receive BMP refresher training as part of their morning "tailgate" trainings.	

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ¹ roads:	<input checked="" type="checkbox"/> Y Yes <input type="checkbox"/> No
If your answer is No then skip to C.2.f.	
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
<input checked="" type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input checked="" type="checkbox"/> Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input checked="" type="checkbox"/> Y	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input checked="" type="checkbox"/> Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input checked="" type="checkbox"/> Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input checked="" type="checkbox"/> Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input checked="" type="checkbox"/> 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
<p>Comments including listing increased maintenance in priority areas: Roads and Parks both own and maintain rural roads. Roads implements all BMPs except prioritization of maintenance based on soil erosion potential, slope steepness, etc. since the majority of rural road maintenance and repair conducted by Roads involves paved, rather than unpaved, roadways. Parks prioritizes unpaved road maintenance based on those factors. Roads prioritizes maintenance based on public safety needs and road conditions. Roads and Parks work on culverts or slip outs next to a water body are performed in accordance with RWQCB, CDFW, USACE, and SCVWD permits. Re-grading on roads is performed when public safety is compromised.</p> <p>Parks uses the guidance document <i>Effective Maintenance for Ranch, Fire and Utility Access Roads</i> (Wilderness Press) and implements all BMPs during rural road maintenance operations.</p>	

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

Permittee Name: County of Santa Clara

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, Parks, and Roads implements BMPs listed above at their respective corporation yards. Each corporation yard maintained by the County has a SWPPP. The County continued to conduct a minimum of monthly corporation yard inspections during the wet season and correct deficiencies when needed.

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: **Please see Attachment C.2.f.**

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Facilities and Fleet Junction Yard	Multiple- see Attachment C.2.f.	Various- see Attachment C.2.f.	Various- see Attachment C.2.f.
Roads West Yard	Multiple- see Attachment C.2.f.	Various- see Attachment C.2.f.	Various- see Attachment C.2.f.
Roads East Yard	Multiple- see Attachment C.2.f.	Various- see Attachment C.2.f.	Various- see Attachment C.2.f.
Parks (12 facilities)	Multiple- 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.a. ► New Development and Redevelopment Performance
Standard Implementation Summary Report**

(For FY 15-16 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

Provision C.3.a.i (1) – Section B.11.5 of the County's Ordinance Code requires all development projects to comply with the requirements of the most recently adopted NPDES permit applicable to the watershed in which the project is located (a portion of the County is also regulated by an NPDES Phase II permit).

Provision C.3.a.i (2) - Section B.11.5 of the County's Ordinance Code provides the County's adequate legal authority to require all development projects to comply with all requirements applicable NPDES permit through permit conditions of approval or other mechanisms.

Provision C.3.a.i.(3) – The County has a formal process for determining when CEQA analysis is required for a development project. The County requires CEQA analyses to address the questions contained in the CEQA Checklist (Appendix G of the 2016 CEQA Guidelines) including analysis of hydrology and water quality impacts.

Provision C.3.a.i (4) – The County's Clean Water Program coordinates informational meetings and training with all County departments involved with new and redevelopment activities, including Roads and Airports, Parks, Facilities and Fleet and Planning. County staff participate in the SCVURPPP Provision C.3 AdHoc Task Group and attend SCVURPPP C.3 workshops as appropriate.

Provision C.3.a.i (5) – The County provides outreach on new and emerging stormwater management issues to the development community through quarterly Developer Roundtable meetings. Clean Water Program staff participate in pre-application meetings with development customers proposing projects with potential stormwater management issues, in coordination with Planning staff. Both the Clean Water Program and Planning maintain pertinent information about stormwater management on their respective websites, with an emphasis on providing instruction and direction to development customers.

Provision C.3.a.i (6) and (7) – The policies of the County's General Plan foster minimization of land disturbance and discourage the construction of excess hardscape, and require appropriate setbacks from riparian and other sensitive habitats. The County routinely uses conditions of approval to ensure development projects meet these policies. Development customers are referred to the SCVURPPP C.3 Handbook for guidance on integrating source control and site design measures into their projects.

Provision C.3.a. (8) – The County's General Plan addresses water quality and watershed protection objectives, including goals and policies addressing water supply, flood control, habitat protection, groundwater recharge, and other sustainable development principles and policies.

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.c.ii ► Design Specifications for Pervious Pavement Systems

(For FY 2015-16 Annual Report only). Submit design specifications for pervious pavement systems that have been developed and adopted on a regional or countywide basis. If design specifications have been adopted and are contained in a Countywide stormwater handbook, include a reference to the handbook.

Summary:

The County is following the design specifications included in the SCVURPPP C.3 Stormwater Handbook, revised June 2016.

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	X	No
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Comments (optional):

Some C.3 projects at Stanford University use a regional bioretention/hydromodification facility.

C.3.e.v ► Special Projects Reporting

1. In FY 2015-16, 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	X	No
2. In FY 2015-16, 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	X	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 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

Option 1 – Reporting Site Inspections	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 (FY14-15)	41
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	52

Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	15
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	36%²
Option 2 – Reporting Stormwater Treatment System Inspections (Note: This option is available during FY 15-16 only)	-
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	-
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	-
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	-
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	0%³

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

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.
Summary: The most frequent areas of concern involved reduced irrigation at landscaped features due to drought conditions. Inspections during FY 14-15 focused on newly-installed facilities. Follow up inspection at those facilities during FY 15-16 found most landscaped features in good condition. Some recently hydroseeded basins did not have adequate vegetative coverage and will need to be reseeded/replanted to ensure long-term success.
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: During FY 15-16 the County's O&M program was moved from the Planning Department to the Clean Water Program. This transition involved the development of a new project tracking database, collecting and imaging O&M agreements, and assembling all stormwater control plans for approved C.3 projects into a central database. Database development also included an update of the initial (45-day) installation inspection status and routine O&M inspection status for each of the 45 project in the inventory (the majority of which are located at Stanford

² Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

³ Based on the number of stormwater treatment and HM systems database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

University). During July 2016 the Clean Water Program conducted inspections at facilities treating 15 C.3 projects as part of its FY 15-16 O&M implementation. The most frequent areas of concern involved reduced irrigation at bioretention cells and grassy swales due to drought conditions, and facilities where initial hydroseeding was not entirely successful. During FY16-17 the County plans to conduct a portion of its O&M inspections during the winter, and to the extent feasible, during rainy weather to better assess treatment measure performance.

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. The County's C.3 checklist requires all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. The vast majority of projects simply direct runoff to vegetated areas.

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

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

Summary: During FY 15-16 the County's Clean Water Program initiated GI education and outreach to key County staff and elected officials. In June 2015 the County conducted an internal workshop with key staff from departments of Facilities and Fleet, Roads and Airports, Planning, Parks and the Consumer and Environmental Protection Agency. The June 2015 Clean Water Program status report to the Housing, Land Use and Environment (HLUET) Subcommittee of the Board of Supervisors included an overview of GI and upcoming GI planning and implementation requirements. Staff from key departments also participated in the April 2016 SCVURPPP GI workshop. Beginning in May 2016 the County began conducting quarterly GI Work Group meetings to foster cross-department collaboration and coordination on GI planning and implementation. The Clean Water Program created a GI project website for county departments to report potential and planned GI projects. Please also refer to the SCVURPPP FY 15-16 Annual Report for a summary of outreach efforts implemented by the Program.

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).
<p><u>Background Information:</u> 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.</p> <p>The County is using the BASMAA "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" (May 6, 2016) for general guidance on identifying and reviewing potential green infrastructure projects. Because the County operates many facilities, but has a low rate of new development and redevelopment projects, its GI planning focuses on assessing the potential to include GI in maintenance and operations, capital improvement projects, and expressway frontage and other public improvement scenarios.</p>
<p><u>Summary of Planning or Implementation Status of Identified Projects:</u> Please see attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B.</p>

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

Project Name and Location¹⁰	Project Description	Status¹¹	GI Included?¹²	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement¹³
Santa Clara Valley Medical Center (SCVMC) Site Improvements Project	Underground utilities, road work, landscaping, hardscape, exterior signage and exterior lighting.	In Design and Engineering	Yes	Additional landscaping, reduce impervious surfaces.
Santa Clara Valley Medical Center (SCVMC) Emergency Department Expansion	Building addition to the West Wing Building at SCVMC.	In Design and Engineering	Yes	Bioswales, additional pervious surfaces, drought tolerant plants.
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	TBD	TBD
Hellyer Park Central Yard Storm Drain System	Daylight existing storm sewer pipe to Coyote Creek to drain to turf area to allow for infiltration and evaporation.	Pre-design/Feasibility	TBD	Consider feasibility of daylighting storm drain into a large existing large turf area and reconnect to existing storm drain with an overflow standpipe structure. Will require some grading to isolate turf area basin.

¹⁰ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

¹¹ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

¹² 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.

¹³ 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.

Stanford University General Use Permit Renewal (Private Project)	Campus-wide land use plan for Stanford University.	Pre-application	TBD	Consider opportunities to integrate stormwater capture and use into 10-15 year master development permit.
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C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects

Project Name and Location ¹⁴	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Berger Campus Passive Stormwater Retrofit Project	Direct runoff to existing tree wells and perimeter landscaping for infiltration and evaporation.	In Design and Engineering	Assess potential for new curb cuts and swales to direct stormwater runoff from parking lot into existing landscape islands for infiltration and evaporation.
Hedding Employee Parking Lot Passive Stormwater Retrofit Project	Direct runoff to existing tree wells and perimeter landscaping for infiltration and evaporation.	In Design and Engineering	Assess potential for new curb cuts and swales to direct stormwater runoff from parking lot into existing landscape islands for infiltration and evaporation.
Charcot Facility Passive Stormwater Retrofit Project	Construct passive storm water containment systems in the parking lot aisles by directing runoff to parking aisle planters.	In Design and Engineering	Direct stormwater runoff to parking lot landscaped aisles through curb cuts.

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

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.
Please refer to the SCVURPPP FY 15-16 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) ► 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.
Please refer to the SCVURPPP FY 15-16 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

¹⁴ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Project Name Project No.	Project Location ¹⁵ , Street Address	Name of Developer	Project Phase No. ¹⁶	Project Type & Description ¹⁷	Project Watershed ¹⁸	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁹	Total Replaced Impervious Surface Area (ft ²) ²⁰	Total Pre- Project Impervious Surface Area ²¹ (ft ²)	Total Post- Project Impervious Surface Area ²² (ft ²)
Private Projects											
Stanford Lomita/ Roth Parking Lot and Lomita Road (10478-15A-15G)	368 Lomita Drive / Roth Way	Stanford University	N/A	Redevelopment – re-alignment of Lomita Mall and addition of 16- space parking lot	Matadero Creek	1.92	1.92	26,941	17,809	47,923	44,750
Stanford Bass Biology Building (10829-15A- 15G)	327 Campus Drive (cross street - North Service Road)	Stanford University	Phase 1 - Rough Grading	Redevelopment – new science building	Matadero Creek	3.83	3.83	46,481	37,120	84,386	83,601
Stanford Hoover Institute Conference Center/ Office Building (10723-15A-15G)	435 Lausen Mall (cross street - Campus Drive)	Stanford University	N/A	Redevelopment – new conference center and office space	Matadero Creek	1.88	1.88	5,334	53,968	54,475	59,302
Stanford Bowdoin Roundabout (9091-15R)	Intersection of Bowdoin Street & Campus Drive	Stanford University	N/A	Redevelopment – reconfigure intersection with roundabout	Matadero Creek	1.5	0.89	0	16,327	47,919	39,402
Stanford Regional Loading Dock Expansion (10784-15A- 15G)	371 Serra Mall (cross streets - North Service Road, N-S Axis)	Stanford University	N/A	Redevelopment – expansion of an existing loading dock	Matadero Creek	1.39	1.39	0	11,149	38,854	36,384

¹⁵Include cross streets

¹⁶If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹⁷Project 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.

¹⁸State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁹All impervious surfaces added to any area of the site that was previously existing pervious surface.

²⁰All impervious surfaces added to any area of the site that was previously existing impervious surface.

²¹For redevelopment projects, state the pre-project impervious surface area.

²²For 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 ¹⁵ , Street Address	Name of Developer	Project Phase No. ¹⁶	Project Type & Description ¹⁷	Project Watershed ¹⁸	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁹	Total Replaced Impervious Surface Area (ft ²) ²⁰	Total Pre- Project Impervious Surface Area ²¹ (ft ²)	Total Post- Project Impervious Surface Area ²² (ft ²)
Stanford Galvez Roundabout (10835-15A)	Galvez Street and Campus Drive	Stanford University	N/A	Redevelopment – conversion of existing intersection with a roundabout	Matadero Creek	1.9	0.91	0	20,577	52,900	49,868
Stanford Campus Drive/Santa Teresa Roundabout (10486-15R)	Campus Drive and Santa Teresa	Stanford University	N/A	Redevelopment existing intersection with a roundabout	San Francisquito Creek	4.93	0.93	14,739	10,925	114,685	118,463
Stanford Old Chem Building (10478-13A-13G)	376 Lomita Drive (cross street - Roth Way)	Stanford University	N/A	Redevelopment – rehabilitation and renovation of existing science building	Matadero Creek	0.56	0.56	12,857	6,900	13,763	19,757
Nestlown Ranch (5624-16P)	22420 Old Santa Cruz Highway	Nestlown Ranch LLC	N/A	Redevelopment – improvements and updates to a retreat/event facility	Los Gatos Creek	35.87	6.64	11,246	11,630	58,715	69,961
Camp Saratoga (1592-15A-15G-15EA)	24500 Big Basin Way (nearest cross street - Redwood Gulch Rd)	Valley Inception, LLC	N/A	Redevelopment – rehabilitation and updates to a camp/retreat facility	Saratoga Creek & Stevens Creek	203.4	3.4	1,800	91,400	294,901	296,644
Public Projects											
Receiving and Support Center – Santa Clara Valley Medical Center	777 Turner Drive San Jose at Moorpark Ave., San Jose	Santa Clara Valley Health and Hospital System	N/A	Redevelopment	Los Gatos Creek	2.2	2.2	0	89,889	94,874	89,889
Comments: (None)											

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 ²³	Application Final Approval Date ²⁴	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Type of Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
Private Projects										
Stanford Lomita/ Roth Parking Lot and Lomita Road (10478-15A-15G)	4/20/2015	4/30/2015	Maintenance	Minimize impervious surfaces, self-retaining area.	Bioretention facility (BioChem Quad C.3 Regional Bioretention Basin - County File No. 10628)	O&M Agreement with private landowner (Stanford University)	3	N/A	No third party used	N/A - Total post project impervious area is less than existing impervious area and project is outside of HM applicability per the HM Applicability Map.
Stanford Bass Biology Building (10829-15A-15G)	12/2/2015	1/7/2016	Maintenance, storm drain labeling	Disconnected downspouts.	Bioretention facility (BioChem Quad C.3 Regional Bioretention Basin -	O&M Agreement with private	3	N/A	No third party used	N/A - The post project total impervious area is less than the

²³For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

²⁴For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁵List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁶List 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.

²⁷List 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.).

²⁸List 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.

²⁹See 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).

³⁰For 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.

³¹For 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.

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

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

³⁴If 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 ²³	Application Final Approval Date ²⁴	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Type of Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
					County File No. 10628)	landowner (Stanford University)				pre-project total impervious area, and the project is outside of HM applicability per the HM Applicability Map.
Stanford Hoover Institute Conference Center/ Office Building (10723-15A-15G)	5/19/2015	6/4/2015	Maintenance	Disconnected downspouts, self-retaining area, permeable pavers.	Bioretention facility	O&M Agreement with private landowner (Stanford University)	2c	In-lieu credits from the BioChem Quad C.3 Regional Treatment Basin - County File No. 10628	No third party used	N/A - Project is outside of HM applicability per the HM Applicability Map.
Stanford Bowdoin Roundabout (9091-15R)	11/26/2015	12/3/2015	Maintenance, sanitary drains for loading docks and trash enclosure	Minimize land disturbed, minimize impervious surfaces.	Bioretention facility (BioChem Quad C.3 Regional Bioretention Basin - County File No. 10628)	O&M agreement with private landowner (Stanford University)	2c	N/A	No third party used	N/A - New/ replacement impervious are is less than an acre and the project is outside of HM applicability per the HM Applicability Map.
Stanford Regional Loading Dock Expansion (10784-15A-15G)	11/26/2015	12/3/2015	Maintenance, sanitary drains for loading docks and trash enclosure	Minimize impervious surfaces.	Bioretention facility (BioChem Quad C.3 Regional Bioretention Basin - County File No. 10628)	O&M agreement with private landowner (Stanford University)	2c	N/A	No third party used	N/A - New/ replacement impervious area is less than an acre.

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 ²³	Application Final Approval Date ²⁴	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Type of Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
Stanford Galvez Roundabout (10835-15A)	2/22/2016	3/3/2016	Beneficial landscaping, maintenance	Minimize land disturbed, minimize impervious surfaces, pervious pavement, interceptor tree credits.	Bioretention facility	O&M agreement with private landowner (Stanford University)	2c	In-lieu credit - additional run-off from non-regulated portion of Galvez Street being treated via bioretention in-lieu of some of the new/replacement impervious areas created with the project.	No third party used	N/A - New/ replacement impervious area is less than an acre.
Stanford Campus Drive/Santa Teresa Roundabout (10486-15R)	12/22/2015	12/22/2015	Beneficial landscaping, maintenance	Minimize land disturbed, minimize impervious surface, pervious pavement, interceptor tree credits.	Bioretention facility	O&M agreement with private landowner (Stanford University)	2c	In-lieu credit - portion of existing Campus Drive adjacent and north of the roundabout are being treated in-lieu of portions of the new/replacement impervious areas created with the project	No third party used	N/A - new/ replacement impervious area is less than an acre.
Stanford Old Chem Building (10478-13A-13G)	10/17/2013	11/14/2013	Beneficial landscaping, outdoor material storage protection, maintenance, storm drain labeling	Disconnected downspouts, pervious pavement.	Bioretention facility (BioChem Quad C.3 Regional Treatment Basin - County File No. 10628)	O&M agreement with private landowner (Stanford University)	2b	N/A	No third party used	N/A - Project is outside the HM applicability area per HM Applicability Map; new/ replacement impervious area

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

Project Name Project No.	Application Deemed Complete Date ²³	Application Final Approval Date ²⁴	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Type of Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
										is less than an acre.
Nestldown Ranch (5624-16P)	11/26/2012	2/7/2013	Alterative building materials, beneficial landscaping, maintenance	Minimize land disturbed, minimize impervious surfaces, minimum-impact street or parking lot design, cluster structures/pavement, pervious pavement, preserved open space.	Bioretention facility	O&M agreement with private landowner (Nestldown LLC)	2c, 1b	N/A	No third party used	N/A - New/ replacement impervious area less than an acre.

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 ³⁵	Date Construction Scheduled to Begin	Source Control Measures ³⁶	Site Design Measures ³⁷	Treatment Systems Approved ³⁸	Operation & Maintenance Responsibility Mechanism ³⁹	Hydraulic Sizing Criteria ⁴⁰	Alternative Compliance Measures ^{41/42}	Alternative Certification ⁴³	HM Controls ^{44/45}
Public Projects										
Receiving and Support Center – Santa Clara Valley Medical Center	4/1/2011	2015 (Completed FY 15-16)	Properly designed loading dock and dumpster areas; water efficient landscape irrigation.	Landscape-based stormwater management features.	Two Bioretention cells	O&M by County (Valley Medical Center)	2.c	N/A	N/A	N/A
Comments: None										

³⁵For public projects, enter the plans and specifications approval date.

³⁶List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³⁷List 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.

³⁸List 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.).

³⁹List 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.

⁴⁰See 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).

⁴¹For 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.

⁴²For 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.

⁴³Note whether a third party was used to certify the project design complies with Provision C.3.d.

⁴⁴If HM control is not required, state why not.

⁴⁵If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed⁴⁶ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information. (The County will submit a list of newly installed Stormwater Treatment Systems and Hydromodification Management (HM) Controls to its Vector Control District via SCVURPPP in October 2016).

Name of Facility	Address of Facility	Party Responsible⁴⁷ For Maintenance	Type of Treatment/HM Control(s)
Searsville Parking Lot (10486)	Stanford University – 190 Searsville Rd.	Stanford University	Bioretention
Stanford University Medical Center - Quarry Road Extension (9024)	Stanford University – 641 Nelson Road	Stanford University	Pervious pavement, bioswales, vegetated swales
Lomita Drive/Mayfield Ave (Florence Moore Hall) (40385)	Stanford University – 436 Mayfield Ave	Stanford University	Vegetated swale, pervious pavement, self-retaining areas
Central Energy Plant Substation Phase 2 (10323)	Stanford University – 506 Oak Road	Stanford University	Bioretention Basin (1), Subdrains (55,000 gallon oil/sand water separator)
Central Energy Plant Phase 3 (10323)	Stanford University – 506 Oak Road	Stanford University	4500 gallon oil/sand water separator, bioretention basins (3)
Data Communications Building (10235)	Stanford University – 319 Oak Road	Stanford University	Bioretention
Welch Road (10235)	Stanford University – 319 Oak Road	Stanford University	Vegetated swales
Stanford University Su Meyer Library Demo and Landscaping (10617)	Stanford University – 560 Escondido Mall	Stanford University	Trench backfill, Precast catch basin, pervious pavers
Bioengineering/chemical engineering building 316 Via Pueblo Mall (9697)	Stanford University – 316 Via Pueblo Mall	Stanford University	CDS Unit
La Salle Community Center (Church and School) (6497)	248 Kirk Ave., San Jose	La Salle Community Center	Vegetated swale, bioretention basin (1)
Manzanita Park Residence Hall (10447)	Stanford University –	Stanford University	Bioretention

⁴⁶ “Newly Installed” includes those facilities for which the final installation inspection was performed during this reporting year.

⁴⁷ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.h.v.(2). ► Table of Newly Installed⁴⁶ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information. (The County will submit a list of newly installed Stormwater Treatment Systems and Hydromodification Management (HM) Controls to its Vector Control District via SCVURPPP in October 2016).

Name of Facility	Address of Facility	Party Responsible ⁴⁷ For Maintenance	Type of Treatment/HM Control(s)
	679 Escondido Road		
Campus Drive and Bowden Roundabout (9091)	Stanford University – Intersection of Bowdoin Street & Campus Drive	Stanford University	Bioretention facility (BioChem Quad C.3 Regional Bioretention Basin - County File No. 10628)
Campus Drive and Santa Teresa Roundabout (10486)	Stanford University – 190 Searsville Rd.	Stanford University	Bioretention
Andersen Collection Building (10272)	Stanford University – 314 Lomita Street	Stanford University	Bioretention
McMurtry Art and Art History (10363)	Stanford University – 355 Roth Way	Stanford University	Bioretention

C.3.e.v. Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016 (None)												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁸	Status ⁴⁹	Description ⁵⁰	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁵¹	LID Treatment Reduction Credit Available ⁵²	List of LID Stormwater Treatment Systems ⁵³	List of Non-LID Stormwater Treatment Systems ⁵⁴
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

⁴⁸Date that a planning application for the Special Project was submitted.

⁴⁹ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

⁵⁰Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵¹ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵²For 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.

⁵³: 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.

⁵⁴List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative (None)

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

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

Summary: During FY 15-16, the County's Clean Water Program began implementation of its Business Inspection Plan (submitted with the 2015 Annual Report). Twenty-seven businesses were inspected by the Program. A summary of commercial and industrial inspections is provided below.

The Department of Environmental Health's Hazardous Materials Compliance Program (HMCP) and Consumer Protection Division (CPD) continued to include stormwater pollution prevention activities during their routine inspections at facilities in unincorporated Santa Clara County enrolled in their respective programs. However, the County is no longer reporting those inspections in the sum of C.4 facility inspections since the frequency and content of those inspections are specified by other (non-NPDES) regulatory mandates. During FY 15-16, the Clean Water Program worked with HMCP and CPD to establish clear procedures for stormwater pollution prevention enforcement and documentation at commercial facilities. During FY 16-17, the programs will finalize a joint Enforcement Response Plan to formalize roles and responsibilities, and to establish procedures for follow-up on enforcement actions.

The City of Palo Alto continued to inspect industrial and commercial facilities at Stanford University under a Memorandum of Understanding (MOU) with the County and Stanford. Palo Alto performs these inspections under an Industrial Wastewater program implemented by the Palo Alto Regional Water Quality Control Plant. Approximately one-third of the total storm drains on the Stanford campus are inspected annually, with all storm drains receiving inspection during a three year cycle. During FY 15-16, Palo Alto inspectors observed seven issues involving potential stormwater pollutants (all at one facility) and communicated those issues immediately to Stanford University and the County. In response, Stanford University provided a written plan for correcting the issues at this facility. The County is monitoring Stanford's correction of the site issues, however, the facility is not included in the facility inspection summary below since the County did not conduct the inspection nor had to initiate enforcement to ensure corrective actions were taken.

With regard to training, Clean Water Program staff attended the SCVURPPP Industrial and Commercial Site Inspector Workshop in May 2016. Additionally, two Clean Water Program staff attended a two-day Stormwater Inspector Certification training provided by the National Stormwater Center (<https://npdes.com>) and attained Certified Stormwater Inspector certification.

Please also refer to the C.4. Industrial and Commercial Site Controls section of SCVURPPP's FY 15-16 Annual Report for a description of additional program and regional activities.

C.4.b.iii ► Potential Facilities List

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.(1)(a) ► Facility Inspections

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

	X	Permittee reports multiple discrete violations on a site as one violation.
		Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	27	
Total number of inspections conducted	27	
Number of violations (excluding verbal warnings)	5	
Sites inspected in violation	5	19%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	4	80%

Comments: Twenty-seven (27) facilities were inspected during FY 15-16. The facilities inspected included rock quarries, corporation yards, automotive salvage and repair operations, and one municipal airport. Five violations (four written warnings and one de facto Notice of Violation) were issued to site operators. The most frequently occurring violations involved potential sediment discharges from deficient BMPs (2) and outdoor vehicle and equipment washing (2). Note that the one Violation was issued under the County's enforcement of a quarry's Use Permit. The quarry operator required more than 10 days to correct multiple BMP deficiencies at the quarry.

C.4.d.iii.(1)(b) ► Frequency and Types/Categories of Violations Observed

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	1
Potential discharge and other	4

Comments: Evidence of discharge and continuing potential discharge at a quarry operation was counted as one Violation. Four potential discharges involved outdoor chemical storage at two different facilities, and vehicle and equipment washing at two other facilities where there was no discharge to the storm sewer or receiving waters. These potential discharges were often accompanied by poor housekeeping practices at the facility, but poor housekeeping alone was not counted as a potential discharge.

C.4.d.iii.(1)(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) ⁴⁹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken⁵⁰
Level 1	Verbal Warning	1	17%
Level 2	Written Warning	4	67%
Level 3	Notice of Violation	1	17%
Level 4	Abatement Order	-	-
Total		6	100% (rounded)

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.4.d.iii.(1)(c) ▶ Types of Violations Noted by Business Category

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

Business Category ⁵¹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Mining/Quarries	1	2
Vehicle Repair/Storage/Salvage	0	2
Construction/Corporation/Equipment Yard	0	1
Outdoor Recreation/Golf/Camp	0	1

C.4.d.iii.(1)(d) ▶ 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:
 There were no facilities identified as non-filers during FY 15-16 inspections.

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
Clean Water Program/ Hazardous Materials Compliance Program Stormwater Coordination	February 10, 2016	Roles and responsibilities, Business Inspection Program, common stormwater pollutants, contacts and resources.	24 (HMCD) 2 (CWP)	100% (HMCD) 100% (CWP)	24 (HMCD) 2 (CWP)	100%
National Stormwater Center: Certified	March 7&8, 2016	Certified Stormwater Inspector Training: Regulatory overview, common pollutants per	2 (CWP)	66%	2 (CWP)	66%

⁵¹List your Program's standard business categories.

Stormwater Inspector Training		industry, inspection components, education and enforcement.				
Clean Water Program/ Consumer Protection Division Stormwater Coordination	May 17, 2016	Roles and responsibilities, Business Inspection Program, common stormwater pollutants, contacts and resources.	49 (CPD)	100% (CPD)	2 (CWP)	100%
SCVURPPP IND/IDDE Workshop	May 26, 2016	Annual IND/IDDE Workshop: Review MRP 2.0 IND/IDDE reporting requirement; RWQCB staff presentation, enforcement case studies, local IND/IDDE cases of note.	2 (CWP) 4 (HMCD-CPD)	100% (CWP) 24% (HMCD-CPD)	2 (CWP)	100% (CWP)
<p>Comments: Clean Water Program (CWP) staffing varied between two and three staff persons during FY 15-16. CWP staff conducts scheduled commercial and industrial facility inspections under the County's (NPDES) Industrial and Commercial Business Inspection Plan, and are responsible for IDDE investigations. The County's Consumer Protection Division (CPD) and Hazardous Materials Compliance Program (HMCP) conduct inspections of commercial, industrial and institutional facilities, including stormwater pollution prevention activities, and manage IDDE issues at those facilities.</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.
<p>Summary: The County's Clean Water Program, Roads and Airports Department, Planning Department, and Department of Environmental Health conduct C.5 investigations and enforcement. Complaints received by Planning are typically referred to the Clean Water Program; Roads responds to reports of spills and discharges within the public right of way and the storm sewer system, and refers stormwater discharges to the Clean Water Program. The Department of Environmental Health responds to reports of grey- or black water discharges, and hazardous materials issues for businesses regulated by the Hazardous Materials Compliance Program. DEH refers discharges at non-regulated facilities to the Clean Water Program.</p> <p>During FY 15-16, the County continued to participate in the SCVURPPP IND/IDDE AdHoc Task Group. County staff from three different departments participated in the May 2016 SCVURPPP IND/IDDE Stormwater Training. Additionally, two Clean Water Program staff in the earned Certified Stormwater Inspector (CSI) certifications through the National Stormwater Center.</p> <p>See section C.5 of the SCVURPPP Program's FY 15-16 Annual Report for a description of activities at the countywide or regional level.</p>

C.5.c.iii ► Complaint and Spill Response Phone Number
List below or attach your complaint and spill response phone number
<p>County Communications – 911 Roads and Airports - (408) 299-2506 Clean Water Program – (408) 918-4600</p>
Provide your complaint and spill response web address, if used
https://www.sccgov.org/sites/cwp/Pages/Discharge-Contact-Information.aspx
Is a screen shot of your website showing the central contact point attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No, explain:
See Attachment C.5.c.iii for a screen shot of the Clean Water Program discharge complaint reporting and contact information page. The County routinely provides both the main contact number and the cell phone numbers of Clean Water Program staff to the public and other County departments during inspections and trainings. The County's stormwater pollution prevention outreach materials include both the Clean Water Program website and Program telephone numbers. As described below, the County's Department Environmental Health and Roads and Airport's Department also respond to spill and discharge reports.

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	Percentage
Discharges reported (C.5.d.iii.(1))	28	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	10	36%
Discharges resolved in a timely manner (C.5.d.iii.(3))	9	90%
<p>Comments: The data reported above represent those spills and discharges handled by the County's Clean Water Program (CWP). Of the 10 discharges or spills reaching storm drains or receiving waters (which includes those reaching a gutter only), four involved a sediment discharge (two from construction sites, two from undeveloped land); two involved vehicle fluid/oil discharges, and the remaining four involved trash, wash water, a dumpster leak, and a damaged PG&E transformer. A number of discharge complaints were determined to be outside of the County's jurisdiction and were promptly referred to the appropriate agency.</p> <p>In addition, Roads responded to 11 discharges, typically involving materials (i.e., cans of paint, bottles of oil) dumped in the right of way. In these instances, Roads contained and removed the material to the maintenance yard for proper disposal using appropriate BMPs. Discharges deemed hazardous were contained and reported to the Department's Environmental Health and Safety Officer for disposal as hazardous waste. Roads reports all of these incidents as discharges, however, none were reported to reach a storm drain. All were addressed in a timely manner.</p> <p>The Department of Environmental Health (DEH) Consumer Protection Division reported eight discharges, three of which reached a storm drain or receiving water. These discharges were associated with sewer overflows. All eight incidents were addressed in a timely manner. The DEH Hazardous Materials Compliance Program responded to 10 discharges, three of which reached a storm drain or receiving water. All 10 discharges were resolved in a timely manner.</p>		

C.5.f.iii ► MS4 Map Availability

Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.
<p>The County's Road and Airports Department's <i>Culvert Inventory</i> (1974) in combination with the MS4 maps available on the Oakland Museum of California website (http://explore.museumca.org/creeks/crkmmap.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. The <i>Culvert Inventory</i> is available for viewing in person at Road and Airports and Clean Water Program offices. The Clean Water Program maintains a hard copy collection of the maps, which are available to the public. During FY16-17, the Clean Water program will also add a link to the Oakland Museum creek maps to its website. Stanford University's Facilities Division maintains a storm drain map for the Stanford campus.</p>

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ► Hillside Development Criteria		
What criteria is your agency using to determine hillside development areas?	<input checked="" type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria
The permit definition of projects on sites with ≥ 15% slope		
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.		
Description: Please see Attachment C.6.e.iii Hillside Criteria		

C.6.e.iii.2.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
15 (Planning) 1 (Parks)	15 (Planning) 1 (Parks)	87 (Planning) 9 (Parks)
Comments: The Parks project was a trail project that began construction in April 2016.		

C.6.e.iii.2.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵² excluding Verbal Warnings	% of Total Violations⁵³
Erosion Control	1	25%
Run-on and Run-off Control	2	50%
Sediment Control	0	-
Active Treatment Systems	0	-
Good Site Management	1	25%
Non Stormwater Management	0	-
Total⁵⁴	4	100%

⁵²Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵³Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵⁴The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

C.6.e.iii.2.e ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵⁵	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁶
Level 1 ⁵⁷	Verbal Warning	6 (Planning)	37%
Level 2	Written Warning	5 (Planning), 1 (Roads)	37%
Level 3	Notice of Violation	2 (CWP)	13%
Level 4	Stop Work Notice	2 (Planning)	13%
Total		16	100%

C.6.e.iii.2.f, g ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	1
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	1

⁵⁵Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁶Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁷For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.2.h, i ► Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	4	100% ⁵⁸
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁵⁹
Total number of violations (excluding verbal warnings) for the reporting year⁶⁰	4	100%
Comments: Violations during FY 15-16 involved sediment control BMPs and other issues that were addressed immediately by the site operator.		

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

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

Description: Construction projects within the County's jurisdiction are usually large institutional projects at Stanford University that also have Construction General Permit coverage, or single family home sites in rural and semi-rural areas. Single family home sites are likely to need additional attention and enforcement than the larger projects. During FY 15-16, the number of Violations issued was four times that of the previous year, in part because normal (non-drought) rainfall resulted in more sediment control issues.

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: During FY 15-16, the County's Clean Water Program assisted Planning with construction site enforcement by conducting supplemental inspections and issuing enforcement actions when needed. The Program also developed a list of local suppliers of common BMPs for distribution to educate less informed construction site operators. Staff from Planning, Roads and Airports, and Parks attended the January 2016 SCVURPPP Construction workshop, and the County continued to participate in the SCVURPPP Construction Inspection AdHoc Task Group. The County developed new criteria for identifying hillside wet season priority sites and anticipates conducting monthly wet season inspections at more sites during FY 16-17.

Please also refer to the C.6 Construction Site Control section of SCVURPPP FY 15-16 Annual Report for a description of Program and regional activities.

⁵⁸Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.
⁵⁹Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.
⁶⁰The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.f ► Staff Training Summary			
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
SCVURPPP CONSTRUCTION SITE STORMWATER COMPLIANCE WORKSHOP	January 20, 2016	New MRP 2.0 requirements, recognizing issues with construction BMPs, group enforcement exercises.	26
SCVURPPP CONSTRUCTION SITE STORMWATER COMPLIANCE WORKSHOP	January 22, 2016	New MRP 2.0 requirements, recognizing issues with construction BMPs, group enforcement exercises.	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:
 See Section 7 and Section 9 of the SCVURPPP FY 15-16 Annual Report for a description of activities conducted at Countywide level. In addition, the following separate reports developed by SCVURPPP summarize Countywide efforts conducted during FY 15-16:

- FY 15-16 Watershed Watch Campaign Annual Campaign Report
- FY 15-16 Watershed Watch Partner Report
- FY 15-16 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 15-16 Annual Report.

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)		(408) 918-4600
Local/Regional stormwater website(s)		https://www.scccleanwater.org
<p>Outreach: The County's Clean Water Program uses and maintains a website (www.scccleanwater.org), which includes general information on stormwater pollution prevention practices, the two NPDES permits that the County implements, and opportunities for public participation in creek and river clean-up events. The main page of the website emphasizes reporting of illicit discharge violations and contact information to report these violations. The website also includes links for local and regional watershed stewardship resources such as Watershed Watch, the Santa Clara Valley Water District page, and SCVURPPP. Revisions were made to the County's Clean Water Program to include more information regarding BMPs for construction sites, good housekeeping, and pollution prevention. The County staff maintains the Clean Water Program website on approximately a bi-monthly basis. The Santa Clara County's Planning Department's Stormwater webpage was also revised with updated information on BMP requirements and stormwater pollution prevention for construction sites, specifically tailored to developers and site operators.</p> <p>The C.7 Public Information and Outreach section of SCVURPPP FY 15-16 Annual Report describes efforts conducted by SCVURPPP to publicize stormwater points of contact. The Watershed Watch website is listed on all SCVURPPP outreach materials, including brochures, giveaways, and advertisements. In addition, the local stormwater phone numbers are listed on all outreach brochures, depending on space available.</p>		

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

Program staff, the Watershed Watch consultant, and Co-permittees staffed 10 public outreach events in FY 15-16. 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 Campaign also continued using QR codes ("Quick Response" codes) in printed materials. These codes have URLs embedded in them and when scanned with smart phones direct users to specific webpages. This was targeted at people that are reluctant to collect paper materials and only want to look up information online. The bean bag toss game for children was used at most of the events. Event staff distributed approximately 4,800 outreach materials and giveaways.

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

- 1) National River Cleanup Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day.

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 7-7.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: 2015 Kids N Fun Festival Date: August 15, 2015 Location: Memorial Park, Cupertino Region: Countywide	Type of Event: Public outreach Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, and water quality	General Feedback: This is a great event for educating families with children. The bean bag game was very popular with kids. Estimated Overall Event Attendance: 10,000 Number of Brochures/Flyers Distributed: 213 Number of Giveaways Distributed: 703 Number of Watershed Watch Discount Cards Distributed: 173 Number of kids that played the bean bag game: 523

<p>Name: Pumpkins in the Park Date: October 10, 2015 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, 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. Estimated Overall Event Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 168 Number of Giveaways Distributed: 486 Number of Watershed Watch Discount Cards Distributed: 174 Number of kids that played the bean bag game: 402</p>
<p>Name: Day On the Bay Date: October 11, 2015 Location: Alviso Marina County Park Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children Messages: Stormwater pollution prevention and program awareness.</p>	<p>General Feedback: The event was good for raising awareness of the County's Clean Water Program and for educating families with small children about stormwater pollution prevention. The use of the Enviroscape was very well received and both adults and children participated and learned from the activity of identifying good and bad watershed stewardship practices. Estimated Overall Event Attendance: Over 100 adults and 200 children Number of Brochures/Flyers Distributed: 150 "You are the Solution to Water Pollution" Number of Giveaways Distributed: 67 cups, 100 Frisbees, 150 backpacks. 217 items total</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: October 21, 2015 Location: Westgate Classic Car Wash, 18560 Prospect Rd., Saratoga Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.</p>	<p>General Feedback: This is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. However, a lot of customers used the drive-through car wash lane. Event staff could not interact with these customers. Estimated Overall Event Attendance: 100 Number of Brochures/Flyers Distributed: 4 Number of Watershed Watch Discount Cards Distributed: 28</p>

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<p>Name: Haunted History San Jose Date: October 31, 2015 Location: History Park, 635 Phelan Ave., San Jose Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p>	<p>General Feedback: This event is a good place to reach families with young kids. The bean bag game was very popular with the kids. Estimated Overall Event Attendance: 500 Number of Brochures/Flyers Distributed: 104 Number of Giveaways Distributed: 760 Number of Watershed Watch Discount Cards Distributed: 173 Number of kids that played the bean bag game: 337</p>
<p>Name: Mission College Eco Fair Date: April 21, 2016 Location: Mission College Campus, Santa Clara Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Young adults, students Messages: Stormwater pollution prevention and proper disposal of HHW.</p>	<p>General Feedback: The event is a good place to reach young adults. Event organizers provided the students a questionnaire that they could complete by visiting booths, and earn extra credit. This led to increased participation and engagement. Estimated Overall Event Attendance: 700 - 800 Number of Brochures/Flyers Distributed: 78 Number of Giveaways Distributed: 124 Number of Watershed Watch Discount Cards Distributed: 22</p>
<p>Name: Sister County 5k Fun Run Date: April 23, 2016 Location: Martial Cottle Park Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children Messages: Stormwater pollution prevention and program awareness.</p>	<p>General Feedback: New event hosted by the County fostering a relationship between sister counties (Hsinchu County, Taiwan). Event was good for County program awareness and general stormwater pollution prevention. Estimated Overall Event Attendance: 75 - 100 Number of Brochures/Flyers Distributed: 63 Number of Giveaways Distributed: 43 Number of National River Clean Up Flyers Distributed: 34</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: April 27, 2016 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose</p>	<p>Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.</p>	<p>General Feedback: Attendance at the event was lower than usual because of inadequate promotion by the radio station and a forecast of rain. Estimated Overall Event Attendance: 18</p>

<p>Region: Countywide</p>		<p>Number of Watershed Watch Discount Cards Distributed: 10</p>
<p>Name: Fit & Fun Earth Day Fair Date: April 30, 2016 Location: Columbia Neighborhood Center, 785 Morse Ave., Sunnyvale Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p>	<p>General Feedback: This is a very popular and well-attended event and offers a good opportunity to reach families. Estimated Overall Event Attendance: 2,000 Number of Brochures/Flyers Distributed: 170 Number of Giveaways Distributed: 491 Number of Watershed Watch Discount Cards Distributed: 97 Number of kids that played the bean bag game: 204</p>
<p>Name: Festival in the Park Date: June 4, 2016 Location: Hellyer County Park, 985 Hellyer Ave., San Jose Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p>	<p>General Feedback: Lower attendance than usual, likely due to very high temperatures that day. This event is great for reaching Spanish speaking segments of the population. Estimated Overall Event Attendance: 2,000 Number of Brochures/Flyers Distributed: 139 Number of Giveaways Distributed: 392 Number of Watershed Watch Discount Cards Distributed: 236 Number of kids that played the bean bag game: 74</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 8, 2016 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San Jose Region: Countywide</p>	<p>Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.</p>	<p>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: 100 Number of Brochures/Flyers Distributed: 120 Number of Watershed Watch Discount Cards Distributed: 100</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 22, 2016</p>	<p>Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.</p>	<p>General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers.</p>

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<p>Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell Region: Countywide</p>		<p>Estimated Overall Event Attendance: 120 Number of Brochures/Flyers Distributed: 79 Number of Watershed Watch Discount Cards Distributed: 73</p>
<p>Name: Summer of Service Program Dates: 7/8/15, 7/29/15, 6/22/16, 6/28/16 Location: Don Edwards Wildlife Refuge, Alviso Region: Countywide</p>	<p>Type of Event: Citizen Involvement Description/Audience: Partnership program between the Children's Discovery Museum (CDM) and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon. Messages: Stormwater pollution prevention, sustainable gardening</p>	<p>General Feedback – The continued participation of CDM indicates the success of this program. Overall Attendance - The Summer of Service program reached a total of 54 attendees, including 50 middle school students and 4 adults.</p>
<p>Name: Stewardship Programs - Gardening Without Chemicals Dates: 7/8/15, 7/29/15, 12/8/15, 12/11/15, 12/19/15, 1/23/16, 1/30/16, 2/20/16, 2/27/16, 3/9/16, 4/10/16 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide</p>	<p>Type of Event: Citizen Involvement Description/Audience: Stewardship programs are conducted on open days for schools groups and the general public to work in the gardens planting native plants, pulling non-native plants, and mulching. Messages: Stormwater pollution prevention, sustainable gardening</p>	<p>General Feedback – A large number of youth and adults continued to participate in stewardship programs this year. Overall Attendance – Stewardship programs reached a total of 115 attendees, including 27 elementary school students, 23 middle school students, 33 high school students, and 32 adults.</p>
<p>Name: California Coastal Cleanup Day Date: September 19, 2015 Location: Various locations throughout the County Focus: Countywide</p>	<p>Type of Event: Citizen Involvement Description: The Creek Connections Action Group coordinated the California Coastal Cleanup Day on September 19, 2015. The Program promoted the event on its website and social media sites.</p>	<p>On California Coastal Cleanup Day, a total of 1,829 volunteers participated in cleaning 50 sites and removed approximately 50,000 pounds of trash and 2,868 pounds of recyclables from creeks.</p>
<p>Name: National River Cleanup Day Date: May 21, 2016 Location: Various locations throughout the County Focus: Countywide</p>	<p>Type of Event: Citizen Involvement Description: The Creek Connections Action Group coordinated the National Rivers Cleanup Day on May 21, 2016. The Program provided funding for National Rivers Clean-up Day advertising.</p>	<p>On National River Cleanup Day, a total of 1,124 volunteers participated in cleaning 43 sites and removed approximately 30,292 pounds of trash and 3,135 pounds of recyclables from creeks.</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 15-16, 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 15-16 Annual Report.

C.7.h. ► 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 7-7. The Final ZunZun Report and Teacher Evaluation Report are included in the Program Annual Report Appendix 7-8.

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.	14,614 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 90 completed evaluation cards from teachers. A few highlights of the evaluations are: <ul style="list-style-type: none"> • After the performance, 16 teachers reported that 100% of their students knew what a watershed was; 35 teachers indicated that 75% of their students knew what a watershed was; 21 teachers indicated that 50% of their students knew what a watershed was; and 21 teachers indicated that 25% of their students knew what a watershed was.

			<ul style="list-style-type: none"> After the performance, 57 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 23 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; 4 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed; and 3 teachers indicated that 25% of their students could name a way to prevent pollution in the watershed. <p>In addition, 18 classrooms completed the "I Pledge to Keep My School Clean" activity. 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.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school.</p>	<p>The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution.</p>	<p>67 pre-kindergarteners, 747 elementary school students, 548 middle school students, and 167 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 included in Appendix 7-7 of the SCVURPPP FY 15-16 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?					x	Yes		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, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.								
Trends in Quantities and Types of Pesticides Used⁶¹								
Pesticide Category and Specific Pesticide Used	Amount ⁶²							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0							
Product or Pesticide Type A								
Product or Pesticide Type B								
Pyrethroids	0							
Product or Pesticide Type X								
Product or Pesticide Type Y								
Carbamates	0							
Product or Pesticide Type X								
Product or Pesticide Type Y								
Fipronil	0							
Product or Pesticide Type X								
Product or Pesticide Type Y								

⁶¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶²Weight or volume of the product or preferably its 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					
Diuron	Reporting not required in FY 15-16					
Diamides	Reporting not required in FY 15-16					

IPM Tactics and Strategies used:
 The mission of the Santa Clara County's IPM Program administration is to promote pesticide pollution prevention through effective and efficient communication, coordination, training, and evaluation of various reduced risk pest management projects. This mission is accomplished through developing and/or improving pest management practices through public education, education of IPM practitioners, and the implementation of IPM projects.
 The IPM program uses these strategies for pest management:

- Pesticide use in structures has been significantly reduced and can be stated as "minuscule use (statistically insignificant) of reduced risk pesticides". Regular site inspections followed by building occupant education, sanitation, housekeeping and maintenance improvements, has been the cornerstone to alter many pest situations that would have otherwise resulted in pesticide applications.
- Pesticide use in urban landscapes has been significantly reduced and can be described as "minuscule use (statistically insignificant) of reduced risk pesticides". For a majority of the urban landscapes around County office complexes, no pesticides were used. Pesticide application is only used on a case-by-case basis.
- Minimized pesticide use in regional parks through weed control, vertebrate pest control, and aquatic pest management methods using non-chemical methods.

For more information about the Santa Clara County's IPM program, refer to the program website at <https://www.sccgov.org/sites/ipm>.

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.	15
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	84
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%

Type of Training:
 Annual IPM-Pesticide Applicator Safety Education FY 15-16: Reaching pest control with science-based information about how to manage pests is a key goal of IPM outreach. In FY 15-16, 84 County employees were trained in pest (primarily weed) management activities, which included

training in invasive weed management, IPM for urban forestry, monitoring and reporting, methods for tackling pest problem wisely, and safe pesticide application.

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p>If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored: An approved list of pesticides allows a contractor to use certain pesticides, while for all other pesticides pesticide use, an exemption request process is followed as per the IPM Ordinance. No non-compliance issues were raised or addressed during FY 15-16. Contractor management personnel regularly perform quality assurance inspections to ensure IPM work is carried out as per the specifications in compliance to the IPM Ordinance.</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. See Section 9 of the SCVURPPP FY 15-16 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.</p>				
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.</p>				

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

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
<p>Summary: The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 15-16:</p>

- FY 15-16 Store Employee Training Report (SCVURPPP)
- FY 15-16 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 15-16 Store Employee Training Status Table (SCVURPPP)
- FY 15-16 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 15-16 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See Section 7 and Section 9 of the Program's FY 15-16 Annual Report for a summary of outreach to residents and businesses that use or hire structural pest control and landscape professional. In addition, see the following separate reports, included within Section 7 of the Program's FY 15-16 Annual Report:

- FY 15-16 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 Annual Pesticide Applicator Safety Education program 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 15-16 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use. In addition, see the following separate reports, included within Section 7 and Section 9 of the Program's FY 15-16 Annual Report, for additional details on outreach to pest control operators:

- FY 15-16 Watershed Watch Campaign Final Report
- FY 15-16 Green Gardener Training Report

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 15-16, the County participated in regulatory processes related to pesticides through contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

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, including whether the 60% trash reduction performance guideline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	14.6%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁶³	43.4%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	10.0%
SubTotal for Above Actions	68.0%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	-
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	-
Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16	68%

Discussion of Trash Load Reduction Calculation:
 The County attained and reported a 54% trash load reduction in its FY 14-15 Annual Report, exceeding the trash load reduction target of 40% by 2014. The reissued MRP contains a revised calculation methodology that eliminates or caps past trash load reduction offsets or credits. Based on the new calculation methodology, as of July 1, 2016, the County has attained a 68% trash load reduction (including trash offsets). The reissued MRP also added a non-mandatory performance guideline of attaining 60% trash reduction by July 1, 2016. Based on the information presented in this report, the County has achieved the 60% reduction guideline.

⁶³ See Appendix 10-1 for changes between 2009 and FY 15-16 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

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*Areas treated include jurisdictional and non-jurisdictional lands (e.g., public K-12 schools and colleges, and freeways) within the boundaries of the County that are not treated by traditional full capture devices.

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 15-16, during FY 15-16, 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 Prior to FY 15-16		
Public Connector Pipe Screens	26	72.4
Public Hydrodynamic Separators	2	36.1
Private Hydrodynamic Separators (System owned and maintained by Stanford)	1	199
Public Hydrodynamic Separator (System in the City of Los Altos that treats area in Uni. County)	-	2.9
Public Gross Solids Removal Device (System in City of Milpitas that treats area in Uni. County)	-	5.1
Private Hydrodynamic Separator (System in City of Mountain View that treats area in Uni. County)	-	0.2
Public Connector Pipe Screens (City of San Jose system that treats an area in Uni. County)	-	2.0
Public Hydrodynamic Separator (City of San Jose system that treats an area in Uni. County)	-	21.2
Public Connector Pipe Screens (City of Santa Clara systems that treats an area in Uni. County)	-	9.0
Private Hydrodynamic Separator (City of Santa Clara system that treats an area in Uni. County)	-	0.2
Public Connector Pipe Screens (City of Sunnyvale system that treats an area in Uni. County)	-	0.1
Public Hydrodynamic Separator (City of Sunnyvale system that treats an area in Uni. County)	-	19.9
Private Hydrodynamic Separator (System in City of Sunnyvale that treats an area in Uni. County)	-	0.1
Trash Booms (Located on Adobe/Barron, Lower Silver, Matadero, Thompson Creeks)	4	5,684* (25% of treatment area)
Installed in FY 15-16		
-	-	-
Total for all Systems Installed To-date (Excluding Booms)	29	368
Treatment Acreage Required by Permit (Population-based Permittees)		47
Total # of Systems Required by Permit (Non-population-based Permittees)		NA

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

Provide the following: 1) Jurisdictional-wide trash reduction in FY 15-16 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) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems 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	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, however there have been no issues of blockage or flooding with the devices to date.</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 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	0.4%			
1C	1.3%			
2A	1.3%			
2B	0.5%			
2C	0.0%			
3A1	0.4%			
3A2	0.0%			
3B1	0.0%			
3B2	0.2%			
3B3	0.0%			
4A	1.3%			
4B	1.8%			
4C	0.0%			
5A	0.0%			
5B	0.0%			
5C	0.0%			
6	0.0%			
7	0.0%			
8	1.5%			
9	0.0%			
10	0.0%			
11	0.0%			
Total^B	14.6%			

Certification Statement: 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.

*The total jurisdiction-wide reduction reported for full capture systems includes 6.0% 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 City and/or the SCVWD.

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.
4B	The County has a landscape maintenance agreement with the City of Mountain View. The agreement includes litter removal. It covers Central Expressway between San Antonio Road and Bernardo Avenue.
6	The County has a landscape maintenance agreement with the City of Palo Alto. The agreement includes litter removal. It covers Oregon-Page Mill Expressway between Southern Pacific Rail Road tracks and Foothill Expressway.
10	The County has a landscape maintenance agreement with the Town of Los Altos. The agreement includes litter removal. It covers Foothill Expressway between Interstate 280 and Adobe Creek.
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 FY 15-16, volunteers removed trash from Stevens Creek, Coyote Creek, Vasona Lake, and Lexington Reservoir on National River Clean Up Day. In March 2016 County Parks removed large trash from a tributary to Stevens Creek, including propane tanks, tires, a water heater and vehicle parts.

**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 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Applicable Street Miles Assessed	Avg. # of Assessments Conducted at Each Site	
1A	2.65	0.76	28.7%	4.3	2.4%
1B	2.33	0.75	32.2%	4.0	1.2%
1C	2.46	0.80	32.5%	3.8	1.6%
2A	1.46	1.46	100%	*	1.1%
2B	3.22	3.22	100%	*	2.8%
2C	1.82	1.82	100%	*	1.8%
3A1	2.52	2.52	100%	*	1.9%
3A2	2.92	2.92	100%	*	3.4%
3B1	1.21	1.21	100%	*	0.9%
3B2	4.04	4.04	100%	*	4.5%
3B3	2.44	2.44	100%	*	1.7%
4A	3.40	3.40	100%	*	3.5%
4B	2.73	2.73	100%	*	2.6%
4C	1.48	1.48	100%	*	2.1%
5A	3.43	3.43	100%	*	2.2%
5B	2.52	2.52	100%	*	2.2%
5C	1.69	1.69	100%	*	2.4%

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6	1.49	0.00	0%	0	3.3%
7	11.51	0.00	0%	0	0.0%
8	7.05	0.58	8.2%	4.0	1.6%
9	0.36	0.00	0%	0	0.0%
10	0.00	0.00	0%	0	0.0%
11	0.00	0.00	0%	0	0.0%
Total*		40.21	-	-	43.4%

*TMAs 2A, 2B, 2C, 3A1, 3A2, 3B1, 3B2, 3B3, 4A, 4B, 4C, 5A, 5B, 5C, 6, are entirely composed of expressways and assessed through targeted driving assessments covering all available street miles within the TMA. Driving assessments were conducted in areas not accessible by pedestrians (i.e., no sidewalks) and too dangerous to perform traditional walking on-land visual assessments. Driving assessments were conducted twice during FY 15-16 using a protocol described in Section 10 of the SCVURPPP Countywide Program's Annual Report.

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 provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.					
Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single Use 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/executed-single-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 <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</p>	<p>According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carry out 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 <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</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%	10.0% (Maximum)

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 provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.					
Expanded Polystyrene Food Service Ware Ordinance	<p>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.</p> <p>Refer to County Code of Ordinances Title B; Division 11, Chapter XIX; available at: https://library.municode.com/index.aspx?clientId=13790</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 <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</p>	<p>According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carry out bags contribute about 6% 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 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 <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</p> <p>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 5.9% (i.e., 74% x 8%) reduction of trash discharged from the County's stormwater conveyance system.</p>	5.9%	

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 15-16 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 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
SCC02	N	5/21/2016	1.9	0.5	1.2	5.0	1.4
SCC03	N	5/21/2016	1.0	0.6	1.4	5.0	1.4
SCC04	N	5/21/2016	1.2	1.1	1.7	8.9	0.5

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

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your trash generation map was revised and is attached to your Annual Report.

Description of Significant Revision	Associated TMA
<p>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.</p>	<p>All applicable</p>
<p>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 are included in Appendix 10-2.</p>	<p>11</p>
<p>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).</p>	<p>1</p>
<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 15-16. 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 15-16	Offset (Jurisdiction-wide Reduction %)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	Not Applicable.		
Direct Trash Discharge Controls (Max 15% Offset)	Not Applicable.		

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

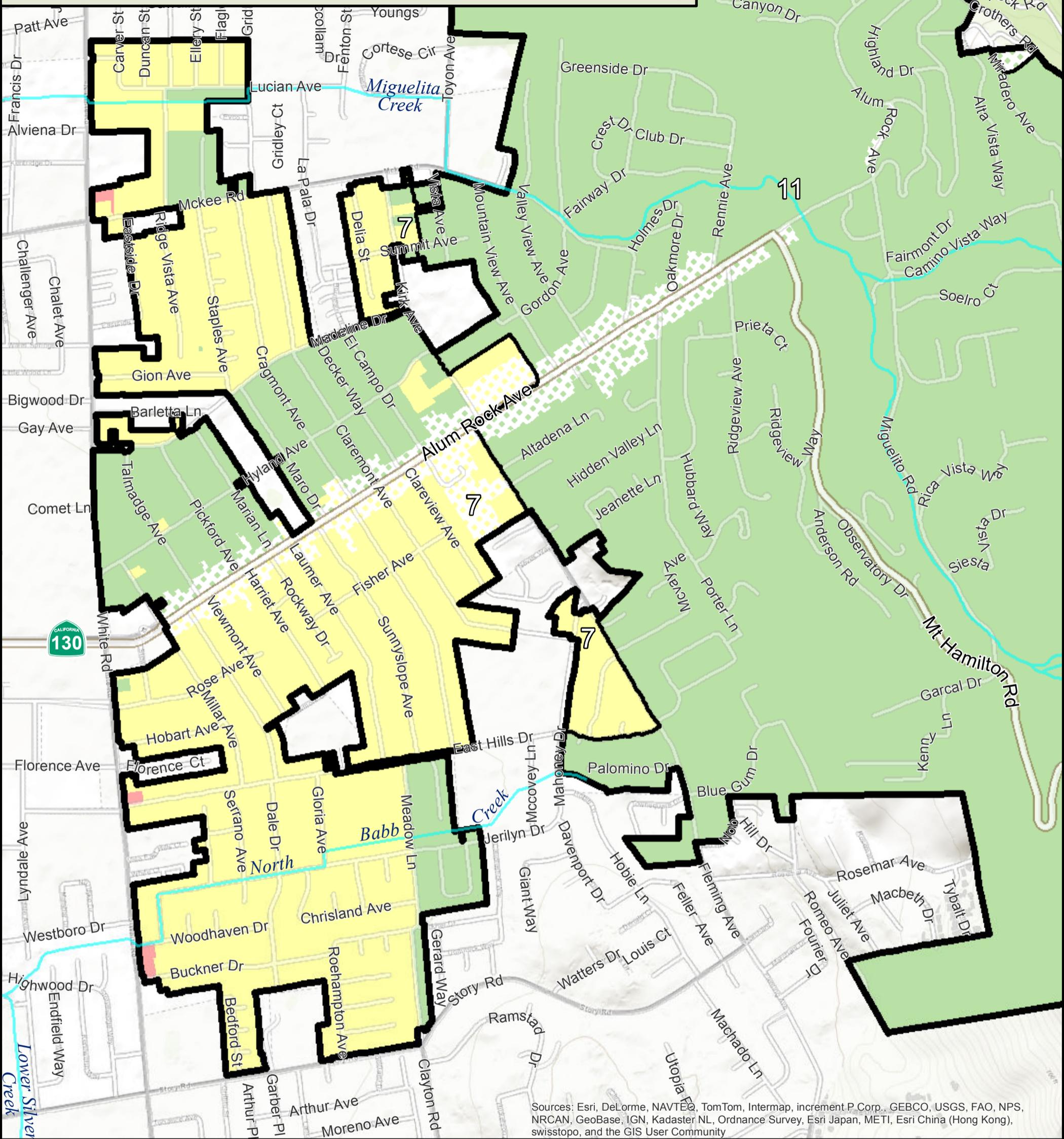
TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide 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%	2	40	21	0	62	2.4%	2.4%
1B	0	0	54	0	54	5	0	49	0	54	0.4%	6	20	28	0	54	1.2%	1.6%
1C	0	0	68	0	68	16	0	51	0	68	1.3%	16	28	23	0	68	1.6%	2.9%
2A	0	0	48	0	48	17	0	32	0	48	1.3%	17	19	13	0	48	1.1%	2.4%
2B	0	0	73	0	73	7	0	66	0	73	0.5%	7	48	18	0	73	2.8%	3.3%
2C	0	0	46	0	46	0	0	46	0	46	0.0%	0	31	15	0	46	1.8%	1.8%
3A1	0	0	56	0	56	5	0	51	0	56	0.4%	5	33	18	0	56	1.9%	2.3%
3A2	0	0	60	0	60	0	0	60	0	60	0.0%	17	35	7	0	60	3.4%	3.4%
3B1	0	0	26	0	26	0	0	26	0	26	0.0%	0	0	26	0	26	0.9%	0.9%
3B2	0	0	90	0	89	2	0	87	0	89	0.2%	2	78	10	0	89	4.5%	4.7%
3B3	0	0	52	0	52	0	0	52	0	52	0.0%	0	29	23	0	52	1.7%	1.7%
4A	0	0	87	0	87	16	0	71	0	87	1.3%	16	0	71	0	87	3.5%	4.8%
4B	0	0	89	0	89	23	0	66	0	89	1.8%	23	46	20	0	89	2.6%	4.4%
4C	0	0	37	0	37	0	0	36	0	37	0.0%	0	36	0	0	37	2.1%	2.1%
5A	0	0	65	0	65	0	0	65	0	65	0.0%	0	39	26	0	65	2.2%	2.2%
5B	0	0	61	0	61	0	0	61	0	61	0.0%	0	38	23	0	61	2.2%	2.2%
5C	0	0	42	0	42	0	0	42	0	42	0.0%	0	42	0	0	42	2.4%	2.4%
6	0	0	69	0	69	0	0	69	0	69	0.0%	6	50	14	0	69	3.3%	3.3%
7	134	415	2	0	551	134	415	2	0	551	0.0%	134	415	2	0	551	0.0%	0.0%
8	158	248	17	0	423	202	215	6	0	423	1.5%	296	117	10	0	423	1.6%	3.0%
9	350	12	21	0	383	350	11	21	0	383	0.0%	350	11	21	0	383	0.0%	0.0%
10	125	0.0	0	0	125	125	0	0	0	125	0.0%	125	0	0	0	125	0.0%	0.0%
11	380,930	0	0	0	380,930	380,930	0	0	0	380,930	0.0%	380,930	0	0	0	380,930	0.0%	0.0%
Totals*	381,697	674	1,124	0	383,494	381,834	641	1,021	0	383,494	14.6%*	381,952	1,154	388	0	383,494	43.4%	58.0%*

*The total jurisdiction-wide reduction reported for full capture systems includes 6.0% 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 City and/or SCVWD.

Appendix 10-2

Revised Baseline Trash Generation Map and Areas Currently Addressed by Full Capture Systems

County Of Santa Clara - Alum Rock - Trash Generation Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Legend

Trash Generation Category

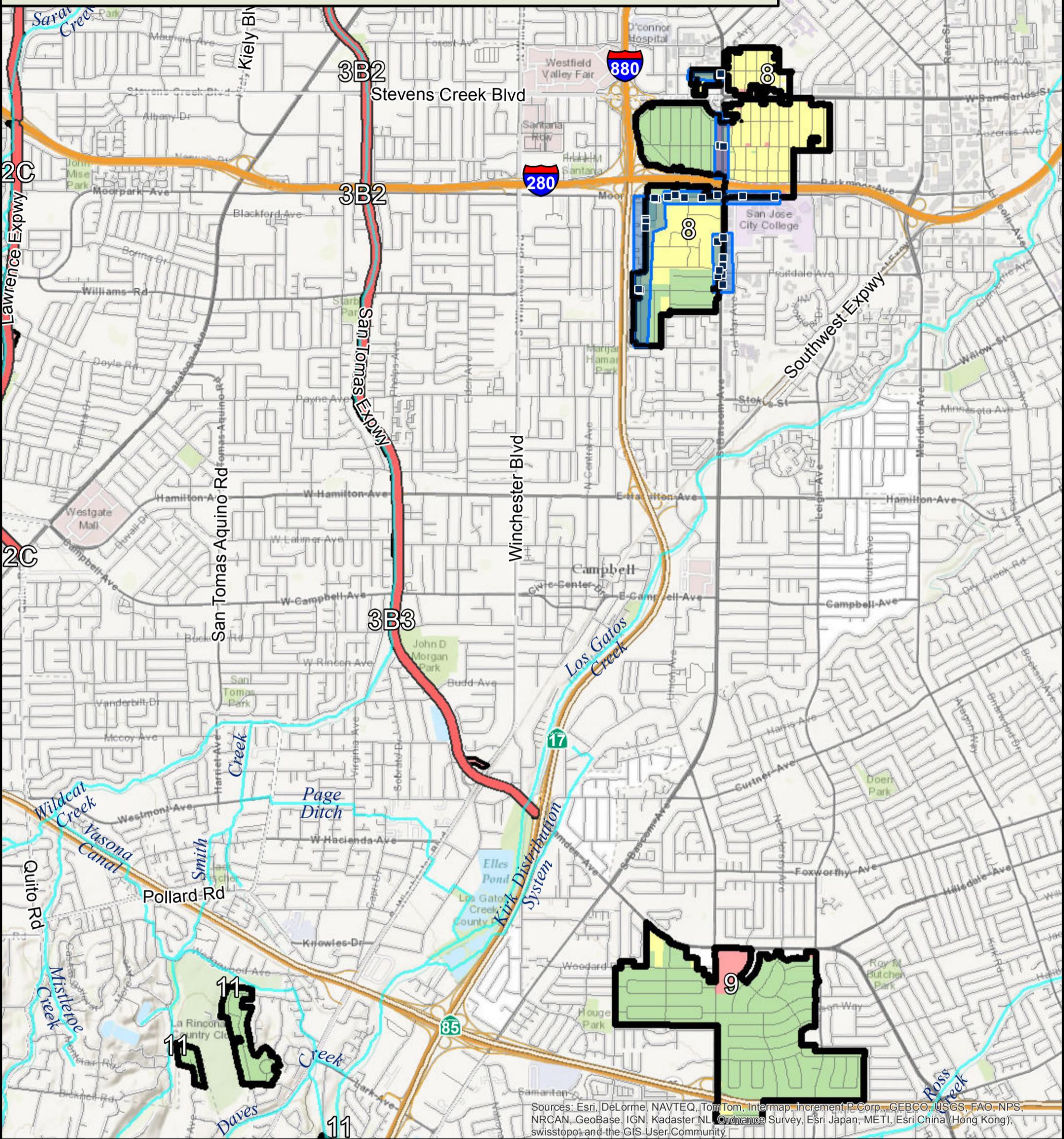
- Low
- Moderate
- High
- Very High

- * Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional
(Dot color = Generation Category)

- Streets
- Freeway
- Creeks



County Of Santa Clara - Burbank/Fruitdale - Trash Generation Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community.

Legend

Trash Generation Category

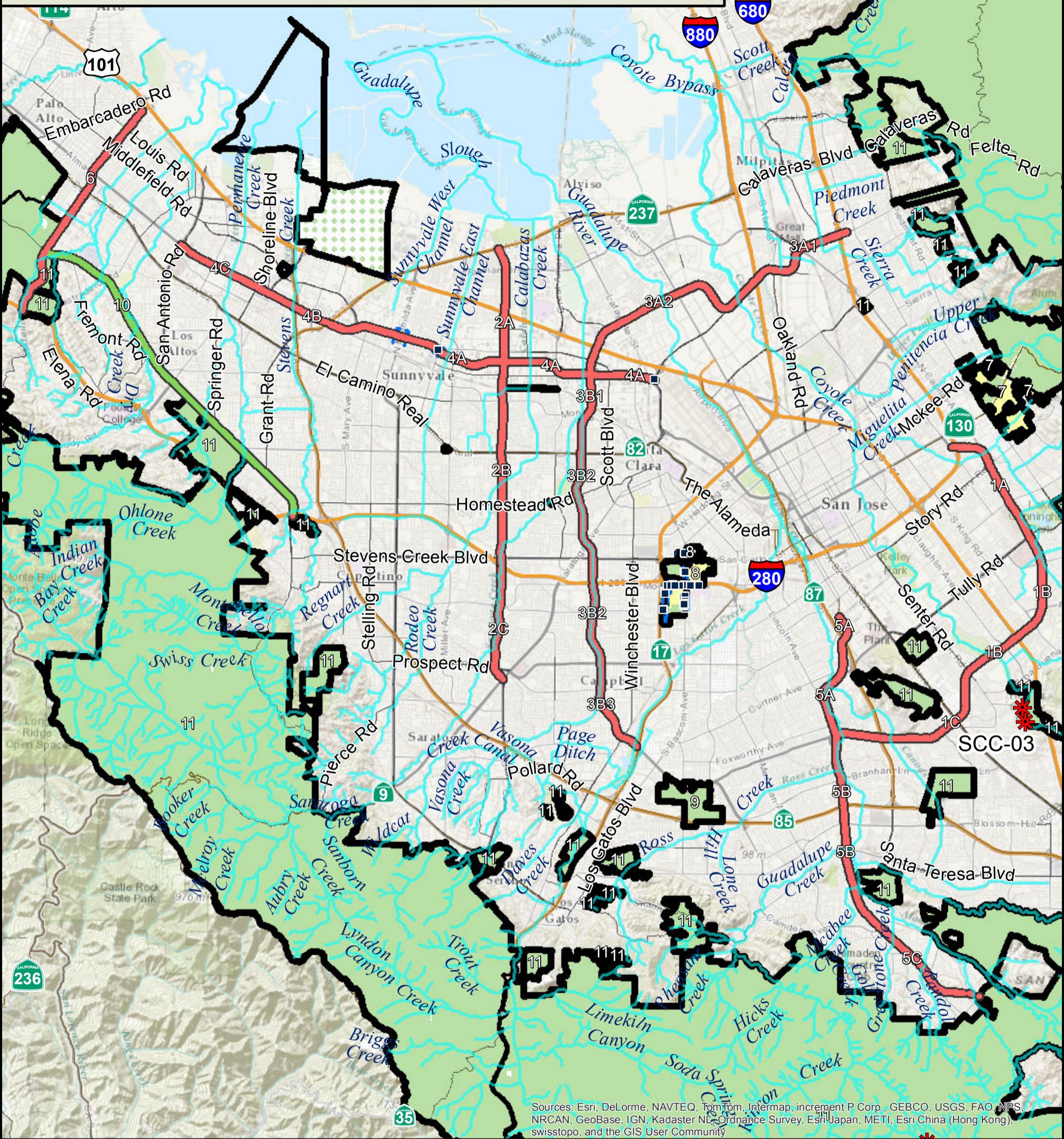
- Low
- Moderate
- High
- Very High

- Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

- Streets
- Freeway
- Creeks



County Of Santa Clara - Expressways - Trash Generation Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Legend

Trash Generation Category

- Low
- Moderate
- High
- Very High

- Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

- Streets
- Freeway
- Creeks



Section 11 - Provision C.11 Mercury Controls

- C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ► Assess Mercury Load Reductions from Stormwater**
- C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads**
- C.11.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.11.e ► Implement a Risk Reduction Program**

Summary:

A summary of SCVURPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of SCVURPPP's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 12 - Provision C.12 PCBs Controls

- C.12.a ▶ Implement Control Measures to Achieve PCBs Load Reductions**
- C.12.b ▶ Assess PCBs Load Reductions from Stormwater**
- C.12.c ▶ Plan and Implement Green Infrastructure to Reduce PCBs Loads**
- C.12.d ▶ Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.12.e ▶ Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way**
- C.12.f ▶ Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains**
- C.12.g. ▶ Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins**
- C.12.h ▶ Implement a Risk Reduction Program**

Summary:

A summary of Permittee, SCVURPPP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 13 - Provision C.13 Copper Controls

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

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?</p>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper architectural features are addressed through the issuance of building permits.</p>				
<p>Summary: The County's Clean Water Program uses the SCVURPPP <i>Requirements for Copper Roofs and Other Architectural Copper</i> on its website as a reference for development customers using architectural copper.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> 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.</p>				
<p>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.</p>				

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

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?</p>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.</p>				
<p>Summary: Discharges from pools, spas, and fountains are identified as prohibited non-stormwater discharges in County Ordinance Code Section B.11.5. Discharges are addressed as a stormwater pollutant discharge consistent with the County's Stormwater Enforcement and Spill Response Plan.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				
<p>Summary: Discharges from copper treatments at a construction site or during maintenance on existing buildings would be addressed as a prohibited non-stormwater discharge consistent with the County's Stormwater Enforcement and Spill Response Plan. No pool, spa or fountain discharges were reported or discovered during FY 15-16.</p>				

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 County's C.4 Business Inspection Program, potential sources of POCs, including copper, are considered during pre-inspection research and flagged for investigation during the inspection. No unusual users or sources of copper were identified during FY 15-16 C.4 business inspections.

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:

During FY 15-16, the County implemented a turf conversion project at the Elmwood Correctional Complex, which converted approximately 15,000 square feet of irrigated turf to drought tolerant landscaping. Two smaller projects at the Charcot and Vector Control facilities also replaced turf with drought tolerant plants and weed abatement measures (mulch, weed cloth, etc.).

Table of Contents
County of Santa Clara FY 15-16 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.ii Facilities List

Section 5 – Illicit Discharge Detection and Elimination

Attachment C.5.c.iii Point of Contact

Section 6 – Construction Site Controls

Attachment C.6.e.iii Hillside Construction Project Criteria

County of Santa Clara FY 15-16 Annual Report
Attachment C.2.f Corporation Yard Inspections

Santa Clara County FY 15-16 Corporation Yard Inspections

County Parks			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Anderson	8/31/15	No Issues Observed	
	9/30/15		
	10/30/15		
	11/17/15		
	12/28/15		
	1/26/16		
	3/26/16		
	4/21/16		
	5/24/16		
	6/20/16		
Coyote Lake	7/6/15	Light Dew on ground	
	8/31/15	No Issues Observed	
	9/14/15		
	10/1/15	Rain Event Inspection	
	11/15/15	Rain Event Inspection	
	12/21/15	No Issues Observed	
	1/19/16	Rain Event Inspection	
	2/4/16	No Issues Observed	
	3/29/16		
	4/18/16		
5/8/16	Rain Event Inspection		
Calero	7/28/16	No Issues Observed	
	8/29/15		
	9/29/15		
	10/27/15		
	11/30/15		

Santa Clara County FY 15-16 Corporation Yard Inspections

	12/21/15	Rain Event Inspection	
	1/28/16	No Issues Observed	
	2/29/16		
	3/30/16		
	4/26/16		
	5/26/16		
Grant	6/23/15	No Issues Observed	
	7/4/15	Debris around Dumpster Oil Stains by Shop Door	Pick up Debris
	7/23/15	Debris around Dumpsters	Cleaned
	9/8/15	No Issues Observed	
	9/27/15	Leaves in shop area	Blow off shop yard
	10/3/15	No Issues Observed	
	11/8/15	Rain Event Inspection	
	12/7/15	Garbage Truck Leaked Hydraulic Fluid	Hydraulic Fluid swept up with Absorbent Powder
	1/1/16	No Issues Observed	
	1/19/16	Rain Event Inspection	
	2/1/16	No Issues Observed	
	3/28/16	Loose Dirt in Shop Area	Cleaned
	4/12/16	Rain Event Inspection	
	4/12/16	No Issues Observed	
6/4/16	Oil Stains from Equipment	Spoke to staff on prevention	
Hellyer	7/27/15	No Issues Observed	
	8/1/15		
	8/31/15		
	10/15/15	Rain Event Inspection	
	11/25/15	No Issues Observed	
	12/20/15		
	1/30/16		

Santa Clara County FY 15-16 Corporation Yard Inspections

	2/28/16	Leaves around Catch Basin	Catch Basin Cleaned
	3/31/16	No Issues Observed	
	4/29/16		
	5/27/16		
Ed Levin	8/22/15	Leaves in Catch Basin	Cleaned
	10/31/15	Rain Event Inspection	DG and Sand bunkers need to be covered
	11/30/15	Rain Event Inspection	Need to Leaf Blow Bone yard and remove Pine Needles in Employee Parking Lot
	12/30/15	Rain Event Inspection	Clean-up Drainage @ Fuel tank 12-31 and removed Pine Needles
	1/21/16	Rain Event Inspection Oil Stain from Tractor	Tractor sent in for repairs Cleaned Drainage @ Fuel tank 1-25
	2/24/16	Oli Stain	Cleaned Stain Clean-up Drainage @ Fuel tank Blow off Pine Needles
	3/29/16	No Issues Observed	Cover Sand and DG bunkers
	4/24/16	No Issues Observed	
Mt. Madonna	5/22/15	No Issues Observed	
	6/27/15		
	8/26/15		
	10/19/15		
	11/26/15	Rain Event Check Sediment	Blow off sediment in Shop Area
	12/25/15	Rain Event Check	
	1/27/16	No Issues Observed	No Problems
	3/31/16	Oil Leak from Tractor	Soaked Oil up with absorbent

Santa Clara County FY 15-16 Corporation Yard Inspections

	4/26/16	Hydraulic Leak in Maintenance Shop	Spill cleaned
Motorcycle	6/16/15	Debris and Oil Stains	Cleaned & Swept parking Lot
	6/30/15	Mud and Oil Stains	Cleaned dried mud
	7/15/16	Debris and gas Stains	Cleaned dried mud
	7/31/15	Debris and Sediment and gas stains	Swept parking Lot
	8/15/15	Debris and Sediment and gas stains	Cleaned Debris
	8/29/15	Debris (dried mud), gas stains	Clean-up Trash and dirt
	9/15/15	Debris, gas stains	Cleaned Debris
	9/30/15	Rain Event Check Debris, Sediment, gas stains	None
	10/30/15	Sediment, gas stains	None
	11/28/15	Debris, Sediment and Musty Odor	Cleaned debris
	12/30/15	Sediment and gas stains	Cleaned debris and cleaned off septic lid of old leaf matter
	1/30/16	Rain Event Check Sediment, oil stains and erosion	Divert runoff
	3/11/16	Rain Event Check Sediment and erosion	Grade out ruts
	3/31/16	Debris, Sediment, gas stains	Cleaned debris
	4/29/16	Sediment, gas stains	None
	5/14/16	Gas stains	None
	5/27/16	Gas stains	None
6/15/16	Debris(litter Dried Mud), gas stains	Cleaned up litter and mud	
6/28/16	Debris(litter Dried Mud)	Cleaned up litter and mud	
Sanborn	7/24/15	No Issues Observed	
	8/31/15		
	9/28/15		
	10/20/15	Rain Event Check	
	10/31/15	No Issues Observed	

Santa Clara County FY 15-16 Corporation Yard Inspections

	11/9/15	Rain Event Checks	
	12/19/15		
	1/30/16		
	2/25/16	No Issues Observed	
	3/25/16		
	4/30/16		
	5/30/16		
Stevens Creek	5/29/15	No Issues Observed	
	7/24/15		
	8/31/15		
	9/29/15		
	10/31/15		
	11/15/16		
	12/10/15	Rain Event Check	
	3/30/16	No Issues Observed	
	4/29/16		
	5/31/16		
Vasona	7/4/15	Drain Inlet Blocked	Cleaned
	7/20/15	Debris around dumpster Musty Drain Inlet Blocked	Cleaned debris Need tractor to clean up dry grass
	8/13/15	Debris (dumpster area) Musty	Cleaned Rented Tractor to clean-up dry grass
	8/31/15	Drain Inlet Blocked	
	9/13/15	Debris (dumpster area) Drain Inlet Blocked	Cleaned Monitor Dumpsters better for emptying
	9/30/15	Rain Event Check Drain Inlet Blocked Debris around dumpster	Cleaned

Santa Clara County FY 15-16 Corporation Yard Inspections

	10/27/15	Drain Inlet Blocked	
	11/20/15	Rain Event Check Drain Inlet Blocked Debris around dumpster Erosion around drain	Cleaned
	1/27/16	Drain Inlet Blocked Sediment	Cleaned Sediment Drain protected by Straw Waddle
	2/25/16	Drain Inlet Blocked Sediment and Debris	Cleaned Sediment and Debris
	4/1/16	Debris and Musty Odor(dumpster area) Drain Inlet Blocked	Cleaned
	5/2/16	Debris and Musty Odor (dumpster area)	Cleaned
	5/26/16	Debris and Musty Odor (dumpster area)	Cleaned
	6/20/16	No Issues Observed	
Uvas	7/23/15	No Issues Observed	
	8/25/15		
	9/14/15		
	10/13/15		
	11/11/15		
	12/17/15	Rain Event Check	No Problems
	1/26/16	No Issues Observed	
	2/26/16		
	3/22/16		
	4/29/16		
	5/10/16		
	6/6/16		

Santa Clara County FY 15-16 Corporation Yard Inspections

Roads and Airports		
Inspection Date	Inspection Findings	Follow Up Actions
East Yard		
8/3/15	Dumpster lid by mechanic shop was open.	Lid closed.
11/20/15	Stockpiles of materials in bunkers were covered up.	None.
12/10/15	Tracing dye was used in storm drains to identify flow coming into East Yard from the County facilities located at Berger Drive. Debris including concrete was discovered in S.D.s and determined to be coming from the Berger facilities.	Ongoing discussion with FAF to find resolution.
1/4/16	Metal recycling bins do not have covers.	New metal recycling vendor said they would be providing bins with covers.
2/25/16	Hydroflushing of storm drains occurred between Feb. 25-29. Drains were clogged with calcium build-up that was coming from groundwater discharges from Berger Drive facilities.	Ongoing discussion with FAF to find resolution.
West Yard		
8/4/15	Safe Drains were identified as needing cleaning prior to rainy season. Used tires needed better storage.	Yards were emailed about cleaning out storm drains. Used tires were removed to Mechanic Shop.
10/8/15	Material bunkers need to have covers over them. Storm drains still needed cleaning. Trash receptacles at fuel islands were overflowing.	Yards were emailed about cleaning out storm drains.
11/5/15	Large metal and trash containers require covers.	Metal recycling vendor is supposed to be providing bins with covers. Still awaiting bins from vendor
12/4/15	Large metal and trash containers require covers. Some "Drains to the Bay" markers were missing.	New markers installed.

Santa Clara County FY 15-16 Corporation Yard Inspections

Facilities and Fleet		
Inspection Date	Inspection Findings	Follow Up Actions
Junction Yard		
9/14/15	Trash bins not closed.	Emailed staff about having PSP workers close trash bins.
10/16/15	No Issues Observed.	None.
11/5/15	Pine Needles need picked up.	Talked to Grounds crew.
12/11/15	Raining and no issues observed.	None.
1/22/16	Trash bins open.	Closed trash bins.
2/12/16	Saw that lids to trash bins were broken off.	Emailed Joanne Yee about having Republic Waste bring new bins.
3/4/16	Lots of pine cones fell in the wind.	Opened Safe drain as storm was coming.
4/8/16	No Issues Observed.	None.
5/6/16	There had been a recent leaky diesel dispenser prior to inspection, but with rain at the time of inspection, there was no sheen.	Conducted inspection during rain activity to see if clean-up was effective, which it was.
1/7/16	No covers on large containers and some material bunkers.	Issue discussed; Roads considering project to redesign bunkers.
2/5/16	No covers on large containers.	Metal recycling vendor is supposed to be providing bins with covers. Still awaiting bins from vendor at close of fiscal year.

County of Santa Clara FY 15-16 Annual Report
Appendix C.4.b.iii Potential Facilities List

Name	Street Name	City	Zip	Sort Category	SIC Code	Outdoor Storage	Refuse/debris	Notes	Jurisdiction	Surface
Joe's Gasoline Bait & Tackle	8145 Monterey Rd	Coyote	95013	Auto	5941 - Sporting Goods Store	Yes	fenced off area?	concrete ground, propane tank, adjacent unsealed storage fenced off area, gas station	Unincorporated	Dirt
Rich Voss Trucking	12100 Stevens Canyon Rd.	Cupertino	95014	Auto	1442 - Construction Sand & Gravel	Yes	Yes	Large piles of material, trailer truck traffic, aka stevens creek quarry, possible refining mini	Unincorporated	Dirt
Dassel's Petroleum/ Sunnyvale R	11998 Stevens Canyon Rd.	Cupertino	95014	Auto	7997 Membership Sports and Recreation Clubs	Yes	None visible	aka Sunnyvale Rod & Gun Club, shooting range	Unincorporated	Dirt
Appliance Repair Express	14894 Camden Ave	San Jose	95124	Auto	7629 - Electrical and Electronic Repair Shops, Not Elsewhere Classified	No	No	repair shop for appliances; ex hair dryers, coffee grinders, vacuums, beverage machines and other appliance	Unincorporated	Capped
BNB Auto Body & Repair	2670 Pacer Ln	San Jose	95111	Auto	7539 - Automotive Repair Shops, Not Elsewhere Classified	Yes	Yes	Slick on ground, car parts?	Unincorporated	Capped
Calderon's Tires	454 S. Bascom Ave.	San Jose	95128	Auto	7534 - Tire Retreading and Repair Shops	Not visible	Yes	Large piles of material, trailer truck traffic, aka stevens creek quarry, possible refining mini	Unincorporated	Capped
A-1 Auto Dismantlers	200 Hillside Ave	San Jose	95136	Auto	5015 - Motor Vehicle Parts, Used	Yes	Yes	lots of car sli	Unincorporated	Capped
Cartex One Stop Auto	438 S. Bascom Ave.	San Jose	95128	Auto	7539 - Automotive Repair Shops, Not Elsewhere Classified	Not visible	No	auto repair services, oil changes, complete computer diagnosis, break repair, exhaust, tune up services	Unincorporated	Capped
Harvey's Grading	8220 Monterey Rd.	Coyote	95013	Construction/Materials	3531 - Construction Machinery and Equipment	Yes	Yes	excavating contractor	Unincorporated	Dirt
Broom Service Inc	12100 Stevens Canyon Rd.	Cupertino	95014	Construction/Materials	1442 - Construction Sand & Gravel	Yes	None visible	construction sweeping and general clean up, consists of mechanical and regenerative air vacuum sweeper	Unincorporated	Dirt
Lehigh SW Cement	24001 Stevens Creek Bl	Cupertino	95014	Construction/Materials	3241 - Cement, Hydraulic	None visible	None visible	serves ready mix concrete producers, concrete product manufacturers, building trades, engineers & architects across CA, OR, NV & AZ	Unincorporated	Capped
Granite Rock Co	2122 Old Calaveras Rd	Milpitas	95035	Construction/Materials	1499 - Miscellaneous Nonmetallic Minerals, Except Fuels	Yes	None visible	limestone, aggregates building apparel, drywall plaster, erosion drainage and control	Unincorporated	Both
Bay Prospect Construction	15805 Mt Hamilton Rd	San Jose	95140	Construction/Materials	1542 - General Contractors-Nonresidential Buildings, Other than Industrial	Yes	Minimal, wood and small other it	construction building contractors	Unincorporated	Both
Construction Dynamics	648 Thornton Wy	San Jose	95128	Construction/Materials	1522 - General Contractors-Residential Buildings, Other Than Single-Fam	Yes	Yes	construction building contractors	Unincorporated	Both
Delta Contracting	14385 New Jersey Ave	San Jose	95124	Construction/Materials	1522 - General Contractors-Residential Buildings, Other Than Single-Fam	Yes	No	construction building contractors, rebuilding and remodeling contractors	Unincorporated	Both
Tenacious Tile	14370 New Jersey Ave	San Jose	95124	Construction/Materials	1743 Terrazzo, Tile, Marble, and Mosaic Work	Yes	Yes	masonry, tile contractors, mosaic work	Unincorporated	Dirt
Welfring Construction	14893 Elton Dr	San Jose	95124	Construction/Materials	1522 - General Contractors-Residential Buildings, Other Than Single-Fam	Yes	Yes	construction building contractors	Unincorporated	Both
Concrete Ready Mix	33 Hillside Ave	San Jose	95136	Construction/Materials	3273 - Ready-Mixed Concrete	Yes	Yes	walkways, foundation, pathways, slabs and drive way	Unincorporated	Capped
Dan Brenton Construction	2634 Pacer Ln	San Jose	95111	Construction/Materials	1542 - General Contractors-Nonresidential Buildings, Other than Industrial	Yes	Yes	construction building contractors	Unincorporated	Capped
Summit Vet Hospital & Kennels	23291 Summit Rd	Los Gatos	95033	Domestic Animal Facility	0742 - Veterinary Services for Animal Specialties	Yes	No	veterinary clinic as well as kennel facility, proceides ultrasounds, vaccinations, deworming, surgery and radiology	Unincorporated	Both
Caleo Pet Retreat	7570 Tierra Sombra Ct	San Jose	95120	Domestic Animal Facility	0752 - Animal Specialty Services, Except Veterinary	Yes	No	kennel facility	Unincorporated	Both
Ritz Cleaner	526 S Bascom Ave	San Jose	95128	Dry Cleaner/Cleaning Prod	7212 - Garment Pressing, and Agents for Laundries and Drycleaners	No	No	Clothing dry cleaners	Unincorporated	Capped
Swiss Cleaners	14540 Camden Ave.	San Jose	95124	Dry Cleaner/Cleaning Prod	7212 - Garment Pressing, and Agents for Laundries and Drycleaners	No	No	Clothing dry cleaners	Unincorporated	Capped
Cambrian Plaza Cleaners	14414 Union Ave	San Jose	95124	Dry Cleaner/Cleaning Prod	7212 - Garment Pressing, and Agents for Laundries and Drycleaners	No	No	Clothing dry cleaners	Unincorporated	Capped
Chaparral Ranch	3375 Calaveras Rd	Milpitas	95035	Equestrian Facility	0272 - Horses and Other Equines	Yes	No	Horse Riding and lessons, camp	Unincorporated	Dirt
Almaden Equestrian Center	20100 Almaden Rd	San Jose	95120	Equestrian Facility	0272 - Horses and Other Equines	Yes	Small amount	Horse Riding and lessons, camp, boarding	Unincorporated	Dirt
Stevens Creek Quarry	12100 Stevens Canyon Rd.	Cupertino	95014	Industrial	1429 - Crushed and Broken Stone, Not Elsewhere Classified	Yes	Yes	Large piles of material, trailer truck traffic, possible refining mine same property as Rich Voss Trucking	Unincorporated	Dirt
Kimbert Sheet Metal & Air Condit	18240 Black Rd	Los Gatos	95033	Industrial	1711 - Plumbing, Heating and Air-Conditioning	Yes	No	Home & Garden, Heating & Coolin	Unincorporated	Both
West Coast Aggregates/Lexington	18500 Limekin Canyon Rd	Los Gatos	95033	Industrial	1429 - Crushed and Broken Stone, Not Elsewhere Classified	Yes	No	Construction materials & supplies concrete aggregates, crushed stone, sand, gravel, offers gulf track fines, fill materials, slurry seal, concrete & plaster sand	Unincorporated	Dirt
Curtner Quarry	2000 Scott Creek Rd	Milpitas	95035	Industrial	1429 - Crushed and Broken Stone, Not Elsewhere Classified	Yes	Yes	possible refining mining, surface mining	Unincorporated	Dirt
Raisch Product	2122 Old Calaveras Rd	Milpitas	95035	Industrial	5032 Brick, Stone, and Related Construction Materials	Yes	None Visible	Asphalt, Broken Bricks, Recycle Ceramic Tiles, Clay Roofing Tiles, Concrete & Roofing Tiles, Concrete with Rebar, Sinks and Toilets (Broken)	Unincorporated	Both
National Aeronautics and Science	Mailstop 218 1 Code Dqh	Moffett Field	94035	Industrial	4213 - Trucking, Except Local	Yes	No	wind-tunnel research on the aerodynamics of propeller-driven aircraft; developed to encompass spaceflight and information technology	Unincorporated	Capped
On The Spot Welding	550 Monterey Ave.	Morgan Hill	95046	Industrial	3548 - Electric and Gas Welding and Soldering Equipment	Yes	No	emergency services, gun arm repair, induction coil repair, design, build, rebuild	Unincorporated	Dirt
Suburban Propane	3105 Monterey Rd.	San Jose	95111	Industrial	5984 - Liquefied Petroleum Gas (Bottled Gas) Dealers	Yes	Yes	propane, natural gas and electricity, fuel, oil and kerosene	Unincorporated	Capped
Tarin Septic Service	13425 Monterey Rd.	San Jose	95111	Industrial	1711 - Plumbing, Heating and Air-Conditioning	Yes	Yes	septic tank cleaning and emptying, moved? Location is resi	Unincorporated	Both?
United Site services of CA	3408 Hillcap Ave.	San Jose	95136	Industrial	7359 - Equipment Rental and Leasing, Not Elsewhere Classified	Yes	Yes	Portable toilet rentals, restroom trailer rental, temporary	Unincorporated	Capped
Mid Peninsula Farm	21150 Skyline Vi	Redwood City	94020	Nursery/Farming		Yes	No	fence rental, hand wash station	Unincorporated	Both
Boethling Treeland Farms	2923 Alpine Rd	Portola Valley	94028	Nursery/Farming	0781 - Landscape Counseling and Planning	Yes	No	looks to be a trails type of facility. Unsure since I can't find anything online	Unincorporated	Both
SP McClenahan Company	1 Arastradero Rd	Portola Valley	94025	Nursery/Farming	0781 - Landscape Counseling and Planning	Yes	No	landscape contractors, architects, address insect issues, pruning, sudden oak death syndrom	Unincorporated	Both
Azores Landscaping Service	14793 Ronda Dr	San Jose	95124	Nursery/Farming	0782 - Lawn and Garden Services	Yes	No	tree care, plant health care, consultatio	Unincorporated	Both
Edwards Ranch	3630 Aborn Rd	San Jose	95135	Nursery/Farming	5159 Farm-Product Raw Materials, Not Elsewhere Classified	Yes	Yes	lawn maintenance and trimming service	Unincorporated	Both
Valley Sun Dired Products	20250 McKean Rd	San Jose	95120	Nursery/Farming	4225 - General Warehousing and Storage	Yes	Yes	Farm	Unincorporated	Dirt
Hanilton Farms	20250 McKean Rd	San Jose	95120	Nursery/Farming	4225 - General Warehousing and Storage	Yes	Yes	changed to Ace Storage Yard- Recreational Vehicles and changed to Ace Storage Yard- Recreational Vehicles and Boats, storage container deliver	Unincorporated	Dirt
Camp Costanoan	13851 Stevens Canyon Rd	Cupertino	95014	Other	8093 - Specialty Outpatient Facilities, Not Elsewhere Classified	Yes	No	help adults and children with special needs achieve greater self-sufficiency and lead richer live	Unincorporated	Both
Sunnyvale Rod & Gun Club	11998 Stevens Canyon Rd	Cupertino	95014	Other	7997 Membership Sports and Recreation Clubs	Yes	None visible	shooting range	Unincorporated	Dirt
Los Altos Golf & Country Club	1560 Country Club Dr	Los Altos	94022	Other	7997 Membership Sports and Recreation Clubs	Yes	Yes	golf range and country club, recreational service	Unincorporated	Both
Presentation Center	19480 Bear Creek Rd	Los Gatos	95033	Other	7389 - Misc. Business Services	Yes	None visible	retreats, events, lodging and conference hall	Unincorporated	Both
Baylands QMA	300 Metcalf Rd	San Jose	95014	Other	7997 Membership Sports and Recreation Clubs	Yes	No	Baylands Quarter Midget Racing Club ages 5-16	Unincorporated	Both
Cambrian Bowl	14900 Camden Ave	San Jose	95124	Other	7997 Membership Sports and Recreation Clubs	No	No	bowling alley	Unincorporated	Capped
L A Golf & Country Club	1560 Country Club Drive	San Jose	94024	Other	7997 Membership Sports and Recreation Clubs	Yes	No	golf range and country club, recreational service	Unincorporated	Both
San Jose Country Club	15571 Alum Rock Ave	San Jose	95116	Other	7997 Membership Sports and Recreation Clubs	Yes	Small amounts in maintenance a	private country club, members only, banquet hall as we	Unincorporated	Both
Santa Teresa Golf Club	260 Bernal Rd	San Jose	95119	Other	7997 Membership Sports and Recreation Clubs	Yes	No	golf range and country club, banquet hall as we	Unincorporated	Both
The Golf Club At Boulder Ridge	1000 Old Quarry Rd	San Jose	95123	Other	7997 Membership Sports and Recreation Clubs	Yes	No	private country club, members only, banquet hall and spa a well	Unincorporated	Both
The Poolyard Spa & Outlet	423 S Bascom Ave	San Jose	95128	Other	5091?	Yes	No	pool and spa store	Unincorporated	Both
Ministry of Transport	40 Cleveland Av	San Jose	95128	Other	5013 - Motor Vehicle Supplies & New Parts	Yes	Yes	auto parts distributor, automotive parts, supplies, accessories, and tools	Unincorporated	Capped
Saratoga Springs	22801 Big Basin Wy	Saratoga	95070	Other	7997 Membership Sports and Recreation Clubs	Yes	No	picnics, team building, weddings, events, day camping and camping	Unincorporated	Dirt
Ab, Jdd Plumbing & Heating	390 S White Rd	San Jose	95127	Plumbing/Electrical	1711 - Plumbing, Heating and Air-Conditioning	Yes	No	plumbing, gas line fix, main water line, Air conditioning and heating	Unincorporated	Capped
Calvac Paving	2645 Pacer Ln	San Jose	95111	Plumbing/Electrical	3273 - Ready-Mixed Concrete	Yes	Yes	asphalt repair, seat coat and concrete services	Unincorporated	Capped
Aaron's Pumping Service	15308 Stratford Dr	San Jose	95124	Plumbing/Electrical	3273 - Ready-Mixed Concrete	Yes	No	septic tank pumping service	Unincorporated	Capped
Ace Storage Company	20250 McKean Rd	San Jose	95120	Storage	4225 - General Warehousing and Storage	Yes	Yes	Recreational Vehicles and Boats, storage container delive	Unincorporated	Dirt
Lis Engineering, Inc.	512 Dougherty Ave #A	San Jose	95160	Unknown Business	1522 General Contractors-Residential Buildings, Other Than Single-Fam	Yes	Yes	Original Contractor License-General	Unincorporated	Dirt
Tri City Recovery	2640 Pacer Ln	San Jose	95111	Unknown Business	7549 - Automotive Services, Except Repair and Carwashes	Yes	Yes	Towing and automobile storage	Unincorporated	Capped
W. Bay Sanitary Dist - Los Tranc	63 Los Trancos Rd.	Portola Valley	94028	Waste		Yes	Yes		Unincorporated	Both

County of Santa Clara FY 15-16 Annual Report
Attachment C.6.e.iii Hillside Criteria



Administration	Building Inspection	Fire Marshal	Land Development Engineering	Planning
Ph: (408) 299-6740	(408) 299-5700	(408) 299-5760	(408) 299-5730	(408) 299-5770
Fax: (408) 299-6757	(408) 279-8537	(408) 299-6757	(408) 279-8537	(408) 288-9198

MEMORANDUM

TO: Michael Rhoades
 Clean Water Program Manager

FROM: Darrell Wong *DW*
 Principal Civil Engineer, LDE

SUBJECT: Hillside Criteria
 SF Bay NPDES Permit
 Section C.6.e.ii(2)

DATE: September 6, 2016

The Development Services Division of the Department of Planning and Development has researched existing projects permitted by the Department to help formulate a criteria for hillside projects as necessary for section C.6.e of the Municipal Regional Stormwater Permit(MRP). Staff has taken into consideration the goals of the MRP with respect to the development within the Unincorporated County.

The characteristics of hillside development projects in the Unincorporated County are very unique when compared to that of those within many incorporated Cities elsewhere in the San Francisco Bay Area. Unincorporated properties are largely located within sloped areas, unlike those within incorporated areas which are largely flat. These unincorporated parcels are generally larger in size than incorporated lots, and the development area is generally a small percentage of the total parcel. The developments in the hillside unincorporated areas are required to locate their development in the flatter areas of the property to minimize grading impacts. They are rarely situated adjacent to a hard lined or other storm drain systems and most developments sheet flow storm drain runoff to vegetated areas minimizing impacts to water quality of runoff.

Those developments with greater than 5000 sf of disturbed area on steep sites would amount to a small percentage of permitted projects, but could still be numerous because the parcels developed within the unincorporated areas of Santa Clara County are primarily sloped. The County proposes that those developments located within Santa Clara County Hillside zoning areas, with disturbed areas greater than 5000sf and located on slopes greater than 25%, be required to be inspected on a monthly basis during the rainy season so that staff can concentrate monthly inspection efforts on the projects with the greatest threat to construction runoff. County Staff can then focus on the projects with the greatest threat to storm water quality during the course of construction.

