

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: **City of Mountain View FY 2015-2016 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Mountain View 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 me at 650-903-6225 regarding any questions or concerns.

Sincerely,



Eric Anderson
Environmental Safety Coordinator

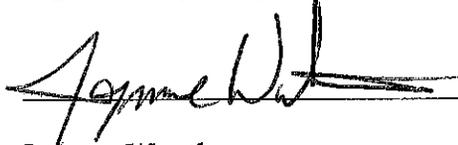
Cc: Mr. Adam Olivieri, SCVURPPP, Program Manager
Ms. Sue Ma, SFRWQCB
FM

CITY OF MOUNTAIN VIEW
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:



Jaymae Wentker
Fire Marshal

September 26, 2016

ATTACHMENT B

Table of Contents

Section	Page
Section 1 - Permittee Information.....	1-1
Section 2 - Provision C.2 Municipal Operations.....	2-1
Section 3 - Provision C.3 New Development and Redevelopment.....	3-1
Section 4 - Provision C.4 Industrial and Commercial Site Controls	4-1
Section 5 - Provision C.5 Illicit Discharge Detection and Elimination.....	5-1
Section 6 - Provision C.6 Construction Site Controls.....	6-1
Section 7 - Provision C.7 Public Information and Outreach.....	7-1
Section 8 - Provision C.8 Water Quality Monitoring.....	See SCVURPPP Annual Report
Section 9 - Provision C.9 Pesticides Toxicity Controls.....	9-1
Section 10 - Provision C.10 Trash Load Reduction	10-1
Section 11 - Provision C.11 Mercury Controls.....	11-1
Section 12 - Provision C.12 PCBs Controls.....	12-1
Section 13 - Provision C.13 Copper Controls.....	13-1
Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls.....	See SCVURPPP Annual Report
Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges	15-1

Section 1 - Permittee Information

Background Information				
Permittee Name:	City of Mountain View			
Population:	80,435 (estimate from U.S. Census Bureau website)			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2015-0049			
Reporting Time Period (month/year):	July 2015 through June 2016			
Name of the Responsible Authority:	Jaymae Wentker	Title:	Fire Marshal	
Mailing Address:	500 Castro St., City Hall - 4 th Floor			
City:	Mountain View	Zip Code:	94041	County: Santa Clara
Telephone Number:	650-903-6378	Fax Number:	650-962-1430	
E-mail Address:	Jaymae.wentker@mountainview.gov			
Name of the Designated Stormwater Management Program Contact (if different from above):	Eric Anderson	Title:	Environmental Safety Coordinator	
Department:	Fire Department - Fire and Environmental Protection Division			
Mailing Address:	500 Castro St., City Hall - 4 th Floor			
City:	Mountain View	Zip Code:	94041	County: Santa Clara
Telephone Number:	650-903-6225	Fax Number:	650-462-1430	
E-mail Address:	Eric.anderson@mountainview.gov			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

During FY 15-16, the City implemented the following: 1) pump station inspections; 2) continued implementation of maintenance operation BMPs; 3) continued implementation of the Municipal Operations Center (Corp Yard) SWPPP; and 4) participated in SCVURPPP's Municipal Operations Ad Hoc Task Group (AHTG). Refer to the C.2 Municipal Operations section of SCVURPPP's FY 15-16 Annual Report for a description of the Municipal Operations AHTG activities.

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: The City owns and operates equipment, including vacuum equipment and sweepers, which are capable of controlling pollutant sources from street and road repair, as well as other maintenance activities. Asphalt grinding equipment has reduced the use of saw cutting equipment and the cleanup of slurry that is associated with saw cutting activities.

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:

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

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

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	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.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments: City crews do not perform bridge maintenance activities directly over water. Graffiti is either painted or removed by cleaning product using a rag. Graffiti removal does not involve washing operations.

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

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

C.2.f. ► Corporation Yard BMP Implementation

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

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

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

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

Comments:
 The City has a SWPPP for its MOC. Although the MOC is exempt from the Industrial General Permit, the City has contracted a consultant to perform SWPPP inspections and site evaluations.

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

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Municipal Operations Center (MOC)	6/16/2016	Dry Weather Inspection - No unauthorized discharges to storm water conveyance systems were observed. Storm water pathways appear clear. Good housekeeping practices of outdoor storage areas were observed throughout the site. Covered Storage Area and sludge drying containment area appeared generally swept and in good order. Paved area outside and next to the Hazardous Material Storage Area observed with no evidence of spills. Metal storage bin at loading dock was partially full; lids were closed on other refuse bins throughout the site. Area around the bermed car wash appeared dry. Areas around storm water drains appeared clear and some protection	Maintain protection around catch basins at Hazardous Material Storage Area and Covered Storage Area

		was in place at catch basins next to Hazardous Material Storage Area and Covered Storage Area. Catch basin at the loading dock equipped with a sock. Leaves were observed along the paved northern area immediately outside MOC administration building.	
Municipal Operations Center (MOC)	11/2/2015 12/3/2015 1/19/2016 3/11/2016 4/22/2016 5/6/2016	Wet Weather Inspections - Light oil slick(s), plant material, sediment and some foam observed in some catch basins - No significant issues identified. Storm water samples not required to be collected.	N/A

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: The City of Mountain View implements the New Development and Redevelopment Performance Standards listed in MRP provision C.3.a.i.(1)-(8). A brief description of the City’s implementation of each performance standard is provided below:

- (1) Municipality’s legal authority to implement C.3: Section 35.34 of the Mountain View City Code provides the City with the authority to implement stormwater treatment requirements at new development and redevelopment projects. Section 35.33.11(CC) of the Mountain View City Code prohibits discharge of wastewater to the storm drain from the installation, cleaning, treating and washing of copper architectural features.
- (2) Municipality’s development review and permitting procedures, including use of conditions of approval or other enforceable mechanisms: The City implements a planning application review process that enables staff from different departments to provide comments and conditions on projects at an early stage in the project review process. Fire and Environmental Protection Division (FEPD) staff participate in the Planning review process for the purpose of evaluating projects for C.3 applicability, and imposing C.3 conditions and other pollution prevention conditions on applicable C.3 projects.
- (3) How water quality effects and mitigation measures are addressed in environmental reviews (e.g., CEQA): The City’s CEQA checklist includes the relevant Biological Resources and Hydrology and Water Quality questions. Initial studies and EIR documents are reviewed to ensure that mitigation measures are identified.
- (4) C.3 training for appropriate departments (Program will report on training at the countywide level): City staff attend annual SCVURPPP C.3 training workshops, and the City’s Environmental Safety Coordinator provides additional support and training to Community Development Department and Public Works Department staff as needed.
- (5) Outreach/education efforts to staff, developers, contractors, construction site operators and owner/builders: Outreach materials are provided to developers, contractors, construction site operators and owner/builders through comments and conditions during the Planning review process.
- (6) How your municipality encourages site design measures at unregulated projects subject to Planning/Building Department review: Site design measures are encouraged at unregulated projects during the Planning review process.
- (7) How your municipality encourages source control measures at unregulated projects subject to Planning/Building Department review: Source control measures are required as conditions of approval, where applicable, at unregulated projects during the Planning review process.
- (8) General Plan revisions (if needed) to integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies. Include dates of General Plan revisions: The City’s General Plan was revised and adopted in 2012. The General Plan includes numerous environmental sections, including water quality, habitat, water conservation, flood protection, groundwater protection, and sustainability. Stormwater pollution prevention practices and control measures, such as green infrastructure goals are also described in the General Plan.

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.
 The regulated projects approved by the City during FY 15-16 are summarized in Parts 1 and 2 of Table C.3.b.iv.(2) below.

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 City of Mountain View 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 No

Comments (optional):

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)?	X	Yes		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.	X	Yes		No
If you answered "Yes" to either question, <ol style="list-style-type: none"> 1) Updated Special Projects status information is provided in Table C.3.e.v below. 2) Narrative discussions of 100% LID Feasibility or Infeasibility for each project are included in Appendix 3-1. 				

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

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.
See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.

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

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)	70

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)	80
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)	20% ¹
Option 2 – Reporting Stormwater Treatment System Inspections (Note: This option is available during FY 15-16 only)	NA
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)	NA
Total number of stormwater treatment systems in your agency’s database or tabular format at the end of the reporting period (FY 15-16)	NA
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	NA
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	NA% ²

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

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:
 During FY 15-16, 20% of the installed systems were inspected, including 9 vault-based stormwater treatment systems. No major violations or excessive trash was observed during vault system inspections, and trash levels for the systems appeared to be reduced compared to previous inspections. Systems with minor trash levels were referred for maintenance. Inspections of biotreatment and vegetated swale systems that depend on pumps to direct runoff to the system were also inspected during rain events to verify that the pumps were working. Visible evidence that the pumps activated was observed at all locations, which is an improvement from FY 14-15 when 2 systems were required to be repaired. No other major violations were identified. The City has started the process of implementing ipad technology for field inspections which will improve inspection tracking and record-keeping.

¹ 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).

² 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).

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 City continued to conduct inspections of the vault-based systems, but will transition to a maintenance verification system for stormwater treatment vaults in FY 16-17. This program change will involve sending notices requiring 3rd party inspection and maintenance records for all vault systems, then tracking the records. Not only will this system increase the number of verified inspections for the vault-based systems, it should allow inspection staff more time to inspect the landscape-based stormwater treatment systems. The City has also scheduled combined inspections of the treatment BMPs with County Vector Control staff to make sure vector inspectors know where all systems are located for mosquito inspection and abatement.

Along with the improvements described above, the City will also transition to using an ipad for inspections, which will improve record tracking. The inspection form will be installed on the ipad, and inspectors will be able to complete the forms and email the reports to the responsible party directly from the field.

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

- BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i.
- During FY 15-16, the City implemented the requirement for site design measures for small projects and detached single family homes. Implementation is performed by evaluating planning applications to determine if the requirement is applicable, then including the “site design measures” condition for the project, if applicable. The building plan review and inspection process is used to verify that the site design measures are included in the plans.

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 City’s Environmental Safety Coordinator met with Planning Department and Public Works Department staff to review MRP requirements, including Green Infrastructure planning and implementation.

Please 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).

Background Information:

Staff from the Fire and Environmental Protection Division and Public Works Department attended SCVURPPP's April 25, 2016 Green Infrastructure Workshop, which included presentations about identification, evaluation, and reporting of potential green infrastructure projects. Following the BASMAA guidelines, titled "Process for Assessing Green Infrastructure Potential of a Public Infrastructure Project," City staff reviewed the "Proposed Fiscal Year 2016-2017 Capital Improvement Program" list, which was approved by the City Council in June 2016. Projects that were evaluated as having "no potential," "too early to assess," "too late to change," or determined to be "maintenance or minor construction work orders," were screened out of the review process and were not included in the list of projects identified to be reviewed for GI potential. Projects not removed from the list during the initial screening process were evaluated further and categorized as: "assess for potential GI," "GI already included," "may have GI potential," or "GI is impractical." The results of the evaluation are reported in this Annual Report.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for information about the projects from the adopted Fiscal Year 2016-2017 Capital Improvement Program that were assessed for GI potential.

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.

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 ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre- Project Impervious Surface Area ¹⁵ (ft ²)	Total Post- Project Impervious Surface Area ¹⁶ (ft ²)
Private Projects											
Newton Square	827 N. Rengstorff Ave.	CV Mountain View 25 LLC.	1 of 1	Project to construct 24 unit condo project.	Coast-Casey Detention Basin	1.41	1.41	0	42,392	50,526	42,392
Greystar	805 W. El Camino Real	CV Mountain View, LLC	1 of 1	Mixed use project	Permanente Creek	2.39	2.39	0	87,294	100,613	87,294
San Antonio Center Phase 2	405 San Antonio Rd.	MGP IX SAC II Properties, LLC	2 of 2	Commercial and Office	Adobe Creek	9.4	8.3	68,837	317,635	317,635	386,472
1101 ECR Condos	1101 W. El Camino Real	1101 El Camino Real, LP	1 of 1	Condominiums on podium with UG parking.	Permanente Creek	0.77	0.77	0	31,431	32,231	31,431
Viewpoint II	133-149 Fairchild Dr.	Dividend	2 of 2	35 Townhomes	Stevens Creek	1.52	1.52	0	53,228	63,748	53,228
Classics at Sierra Vista	647 Sierra Vista Avenue	Classic Communities	1 of 1	30 Rowhomes	Permanente Creek	1.6	1.6	14,040	38,445	38,445	52,485
Google - Charleston South bike/ped trail	1565 Charleston Rd.	Google	1 of 1	Landscape improvements and bike/ped trail	Charleston retention basin and Stevens Creek	5.9	5.9	0	48,199	157,641	48,199

⁹Include cross streets

¹⁰If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹¹Project 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.

¹²State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹³All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁴All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁵For redevelopment projects, state the pre-project impervious surface area.

¹⁶For 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 ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre- Project Impervious Surface Area ¹⁵ (ft ²)	Total Post- Project Impervious Surface Area ¹⁶ (ft ²)
Google parking lot	1014 Huff Avenue	Google	1 or 1	Parking lot	Charleston retention basin and Stevens Creek	5.7	5.7	60,866	23,731	23,731	84,597
Calvano	1005 N. Shoreline	Calvano Office	1 of 1	Office bldg/parking	Stevens Creek	7.4	7.4	60,170	79,655	201,274	139,825
Encinal Park	700 E. Middlefield	Google	1 of 1	Office campus site improvements	Stevens Creek	24	12	146,686	94,707	798,120	776,811
Charleston Retention Basin	N. Shoreline at Charleston Rd.	Google	1 of 1	Bike and ped trail improvements	Charleston retention basin and Stevens Creek	12.5	5.2	29,398	0	0	29,398
Whisman Villas	400 Pacific Dr.	Summerhill Homes	1 of 1	16 unit SFR project	Stevens Creek	3.2	2.0	46,853	0	46,853	46,853
Sierrapoint	1968 Hackett Avenue	Dividend Homes	1 of 1	24 Townhome project	Permanente creek	1.6	1.6	0	51,650	55,908	51,650
MV Body Shop Addition	1932 Old Middlefield	MV Body Shop	1 of 1	Addition to body shop and parking lot improvements	Coast Casey Detention and SF Bay	0.75	0.2	0	5,515	29,869	27,237
Radius at Whisman Station	100 Ferguson	Pulte Homes	1 of 1	113 unit rowhouse project	Stevens	17.8	18	0	446,470	609,043	446,470

Public Projects - No regulated public projects during FY 15-16

Comments:

There were no C.3 regulated public projects during FY 15-16.

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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
Private Projects										
Newton Square	4/16/2014	6/17/2014 (Building plan approved 10/6/2015)	Beneficial landscape, sweeping, and SD label	Cluster development and disconnected down-spouts	Biotreatment	Maintenance Agreement	Combination flow and volume - C.3.d.i.(3)	NA	Yes	Exempt - reduced impervious and < 1 acre
Greystar	8/7/2014	12/9/2014 (Building plan approved 10/22/2015)	Parking garage drains to sewer, covered trash area, beneficial	Pervious paving, green space on portion of the roof	Biotreatment	Maintenance Agreement	Combination flow and volume - C.3.d.i.(3)	NA	Yes	Exempt - drainage catchment is >65% impervious

¹⁷For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁸For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁰List 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.

²¹List 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.).

²²List 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.

²³See 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).

²⁴For 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.

²⁵For 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.

²⁶Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁷If HM control is not required, state why not.

²⁸If 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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
			landscape							
San Antonio Center Phase 2	5/14/2014	12/4/2014 (Building plan approved 11/19/2015)	Parking garage drains to sewer, covered trash area, beneficial landscape	Cluster development, and underground parking	Biotreatment and Modular Wetlands	Maintenance Agreement	Flow - C.3.d.i..2c Volume - C.3.d.i.1b Combination - flow and volume C.3.d.i.(3)	NA	Yes	Exempt - drainage catchment is >65% impervious
1101 ECR Condos	11/13/2013	11/12/2014 (Building plan approved 1/11/2016)	Parking garage drains to sewer, covered trash area	Underground parking, self-retaining area	Biotreatment and MFS	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3) Flow - C.3.d.i..2c	NA	No	Exempt - < 1 acre of impervious surface
Viewpoint II	4/24/2015	7/7/2015 (Building plan approved)	Covered trash area and	Disconnected downspouts, minimum	Biotreatment	Maintenance Agreement	Combination - flow and	NA	No	Exempt - drainage catchment is

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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
		2/16/2016)	beneficial landscape	impact street design,			volume C.3.d.i.(3)			>65% impervious, and reduced impervious area
Classics at Sierra Vista	8/25/2015	10/20/2015 (Building Plans approved 3/4/2016)	Covered trash area, beneficial landscaping, sweeping	Disconnected downspouts, self-retaining areas, cluster development	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3)	NA	No	Exempt - discharge to concrete lined channel, and drainage catchment is >65% impervious
Google - Charleston South bike/ped trail	12/2/2015	12/16/2015 (Building Plans approved 3/8/2016)	Covered trash area, maintenance	Minimize impervious surface area, self-retaining areas	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3)	NA	Yes	Exempt - reduced impervious area
Google parking lot	7/7/2015	12/16/2015 (Building plans approved 3/8/2016)	Covered trash area, maintenance	Pervious paving, minimize	Biotreatment and pervious paving	Maintenance Agreement	Combination - flow and	NA	Yes	Exempt - drainage catchment is

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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
				impervious surface, self-retaining areas			volume C.3.d.i.(3)			>65% impervious
Calvano	3/11/2015	9/9/2015 (Building plan approved 4/7/2016)	Covered trash area, beneficial landscape,	Pervious paving, disconnected downspouts, self-retaining area	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3)	NA	Yes	Exempt - reduced impervious surface area, and drainage catchment is >65% impervious
Encinal Park	6/15/2015	12/16/2015 (Building Plan approved 4/28/2016)	Covered trash area, beneficial landscape	Linimize land disturbed, minimize impervious area, minimum-impact parking lot, self-retaining area	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3)	NA	No	Exempt - reduced impervious surface area, and drainage catchment is >65% impervious
Charleston Retention Basin	10/1/2015	12/1/2015	Beneficial landscape,	Self-retaining area,	Biotreatment	Maintenance	Combination - flow	NA	No	Exempt - less than 1

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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
		(Building plan approved 5/26/2016)	maintenance	minimum street design		Agreement	and volume C.3.d.i.(3)			acre of impervious area
Whisman Villas	9/8/2014	10/28/2014 (Building Plan approved 5/5/2016)	Beneficial landscape, sweeping	Minimum impact street design	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3)	NA	No	Exempt - reduced impervious surface area, and drainage catchment is >65% impervious
Sierrapoint	6/22/2015	7/7/2015 (Building plan approved 5/18/2016)	Covered trash area, beneficial landscape, sweeping	Disconnected downspouts, self-retaining area, minimum-impact street design	Biotreatment	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3) Flow - C.3.d.i..2c	NA	No	Exempt - reduced impervious surface area, and drainage catchment is >65% impervious
Auto Collision Center Addition	8/9/2015	9/9/2015 (Building plan approved)	Covred trash area, and sweeping	Disconnected downspouts, pervious	Biotreatment	Maintenance Agreement	Flow - C.3.d.i..2c	NA	No	Exempt - reduced impervious

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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
		5/19/2016)		pavement						surface area, and drainage catchment is >65% impervious
Radius at Whisman Station	4/15/2015	6/16/2015 (Building plan approved 6/23/2016)	Beneficial landscape, sweeping	Disconnect downspouts, minimize impervious surface,	Biotreatment *Project includes a shared road with an adjacent project that is a "special project." A portion of the shared road will be treated by modular wetland systems.	Maintenance Agreement	Combination - flow and volume C.3.d.i.(3) Flow - C.3.d.i.2c	NA	No	Exempt - drainage catchment is >65% impervious

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) - Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date ²⁹	Date Construction Scheduled to Begin	Source Control Measures ³⁰	Site Design Measures ³¹	Treatment Systems Approved ³²	Operation & Maintenance Responsibility Mechanism ³³	Hydraulic Sizing Criteria ³⁴	Alternative Compliance Measures ^{35/36}	Alternative Certification ³⁷	HM Controls ^{38/39}
Public Projects - No regulated public projects during FY 15-16.										
Comments: There were no C.3 regulated public projects during FY 15-16.										

²⁹For public projects, enter the plans and specifications approval date.

³⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³¹List 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.

³²List 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.).

³³List 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.

³⁴See 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).

³⁵For 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.

³⁶For 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.

³⁷Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁸If HM control is not required, state why not.

³⁹If 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 Installed⁴⁰ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible ⁴¹ For Maintenance	Type of Treatment/HM Control(s)
Guild 33 - Residential Development	1941 Colony St	HOA	Multiple Biotreatment Systems
Verano Apartments	865 E. El Camino Real	Owner/Property Manager	Multiple Biotreatment Systems
Mountain View Co-housing	445 Calderon Avenue	Property Manager	Multiple Biotreatment Systems
Robson Homes	137 Easy St.	HOA	Multiple Biotreatment Systems
Bryant Office Building	250 Bryant St.	Property Manager	Multiple Biotreatment Systems
Avellino	129-135 Ada Avenue	HOA	Multiple Biotreatment Systems
Dialysis Center	412 W. El Camino Real	Property Manager	Multiple Biotreatment Systems
605 Castro Mixed Use	605 Castro St.	Property Manager	Swales and Media Filtration System
Dividend Homes	1958 Rock St.	HOA	Multiple Biotreatment Systems

⁴⁰ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

⁴¹State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴²	Status ⁴³	Description ⁴⁴	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁵	LID Treatment Reduction Credit Available ⁴⁶	List of LID Stormwater Treatment Systems ⁴⁷	List of Non-LID Stormwater Treatment Systems ⁴⁸
Pillar Group Apartments	Mountain View	250-608 San Antonio Road	Application submitted on May 11, 2016	Conditions provided.	Mixed use project for 605 unit apartment complex with 9,200 sq. ft. of commercial space constructed on a podium with underground parking.	5.7	106	NA	Category C: Location: w/in ½ mile Density: >100 du/acre Parking: no surface parking	Category C: Location: 25% Density: 30% Parking: 20% 75% total	26% of the project is proposed to drain to LID (biotreatment) controls.	74% of the project is proposed to drain to non-LID (media filtration systems) controls.
EFL Development	Mountain View	500 Ferguson	4/15/2015	Planning approval on June 16, 2015. Project is currently in the Building plan review process.	Residential project for 400 apartment units constructed on a podium with underground parking. Project includes shared road with adjacent project that is not a “special project.”	7.8	51	NA	Category C: Location: w/in 1/4 mile Density: >30 du/acre Parking: >10% at-grade surface parking	Category C: Location: 50% Density: 10% Parking: 10% 70% total	Approximately 30% of the project is proposed to drain to LID (biotreatment) controls.	Approximately 70% of the project is proposed to drain to non-LID (media filtration system) controls.
Condominium Project – 1101 W.	Mountain View	1101 W. El Camino Real	11/13/2013	Planning approval on	52 unit condominium	0.8	65	NA	Category B: Location:	Category B: Density is 65	54% of the project is	46% of the project is

⁴²Date that a planning application for the Special Project was submitted.

⁴³ 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.

⁴⁴Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁵ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁶For 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.

⁴⁷: 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.

⁴⁸List 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.

El Camino Real				11/12/2014 Currently under construction.	project constructed on a podium with underground parking.				El Camino Real Precise Plan including pedestrian-oriented development and near downtown business district; creates 0.7 acres of impervious surface; underground parking garage (no surface parking); >85% coverage; and >50 DU/ac	DU/ac, which is >50 DU/ac and <75 DU/ac., so the project is eligible for 50% total credit	proposed to drain to LID (biotreatment) controls.	proposed to drain to non-LID (media filtration systems) controls.
Sobrato Development - 599 Castro St.	Mountain View	599 Castro St.	2/24/2016	Planning approval on 5/24/2016 Currently in the building plan review process.	Mixed use development on a podium with underground parking.	1.2	NA	2.2	Project under review. Preliminary determination: Category C: Location: w/in 1/2 mile Density: >30 du/acre Parking: no surface parking	Project under review. Preliminary determination: Category C: Location: 25% Density: 10% Parking: 20% 45% total	Biotreatment will be incorporated. Project is under review and percentage is undetermined. Evaluating opportunities for additional LID controls.	Non-LID controls will be incorporated. Project is under review and percentage is undetermined. Evaluating opportunities for additional LID controls.
Castro Mixed used - 881 Castro St.	Mountain View	881 Castro St.	4/13/2016	Planning approval on 6/14/2016.	Mixed use development on a podium with underground	0.4	Information not available due to	Information not available due to	Category C Information not available	Category C Information not available	Information not available due to preliminary	Information not available due to preliminary

					parking		preliminary phase of design.	preliminary phase of design	due to preliminary phase of design	due to preliminary phase of design	phase of design.	phase of design
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C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location ⁴³	Project Description	Status ⁴⁴	GI Included? ⁴⁵	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁶
Fayette Park, Construction	Construct new passive park.	Under design.	Yes	Self-retaining. Impervious surfaces will drain to landscape areas.
El Monte/Marich Pedestrian Improvements	Pedestrian safety improvements	Options under review	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated. Project may incorporate lights and striping without landscape bulb-out, which would make GI controls impractical for the project.
Rengstorff Park Community Center, Construction	Site improvements at the City Community Center, including façade, interior, and parking lot.	Regulated C3. Will evaluate for additional GI measures.	Yes	Regulated C3 project. Biotreatment is proposed for parking lot improvements. Additional GI measures will be considered, such as directing existing building downspouts to landscape.
South Whisman Area Park, Design and Construction	Construct new park	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Wyandotte Park, Design and Construction	Construct new park	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Stierlin Road Bicycle and Pedestrian Improvements, Design and Construction	Bike and pedestrian safety improvements	Under design	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated. Project may incorporate lights and striping without landscape bulb-out, which would make GI controls impractical for the project.
Evandale Mini Park	Construct new park	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Mora/Ortega Park, Design and Construction	Construct new park	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Police/Fire Administration Building Expansion, Design	Project to expand the existing Police/Fire Administration building	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Bicycle/Pedestrian Major	Placeholder for projects that may	A study for potential	TBD	Bioretention cells (i.e., linear bulb-outs) will be

⁴³ List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

⁴⁴ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁵ 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.

⁴⁶ 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.

Project Placeholder	result from the California/Escuela/Shoreline Complete Street Study or the Bicycle Transportation Plan or could be used for the Shoreline Pathway Construction.	bicycle/pedestrian projects is in progress.		considered when street modification designs are incorporated.
Shoreline Boulevard Interim Bus Lane and Utility Improvements	Construct the interim reversible bus lane along Shoreline Boulevard from Middlefield Road to Space Park Way	Under design	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated.
Ellis Street to Light Rail Trail	Trail extension from Ellis St. to the light rail station.	Under design	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.
Annual Traffic Studies/NTMP Improvements	Funding for traffic calming devices on Neighborhood, local, and residential streets..	Study for potential projects in progress.	TBD	GI controls will be considered when street modification designs are incorporated.
TDA Projects	Various bike and pedestrian related projects.	Potential projects under review.	TBD	GI controls will be evaluated, including use of self-retaining areas, and biotreatment if necessary.

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

Project Name and Location ⁴⁷	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
771 N. Rengstorff Park, Construction	Construct new passive park.	Under construction. Estimated completion December 2016.	Self-retaining. Impervious surfaces will drain to landscape areas.

⁴⁷ 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.

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 City completed the following: 1) reviewed MRP requirements and updated business plans, facilities lists, and inspection frequencies and priorities; 2) conducted inspections; 3) participated in training; 4) participated in SCVURPPP's IND/IDDE Ad Hoc Task Group (AHTG) and reviewed AHTG work products. Refer to the C.4. Industrial and Commercial Site Controls section of the SCVURPPP's FY 15-16 Annual Report for a description of activities of the IND/IDDE AHTG.

During FY 15-16, the City implemented its Industrial/Commercial inspection program. The data listed in the tables below summarize the violations that were observed and the types of enforcement actions completed. All but one of the violations noted during industrial/commercial inspections were potential discharge violations. Corrective actions were issued to address potential discharge violations and prevent releases. The one facility that had an actual discharge has been referred to the District Attorney's Office for escalated enforcement in coordination with the City Attorney's Office and Hazardous Materials Division. Except for the facility that had the actual discharge, all enforcement actions were Level 1 enforcement actions, which are actions that were documented on an inspection notice, including a corrective action.

Common violations that were observed during FY 15-16 were similar to the types of violations observed in FY 14-15. These violations include minor leaks or spills, housekeeping (trash), open dumpster lids, lack of secondary containment, and administrative requirements (provide hauling records or training documents). Violations that took more than 10 days to correct were administrative in nature or were often violations that necessitated new or exchanged equipment (i.e. new secondary containment or an exchanged dumpster/compactor).

The business categories that account for most of the City's inspection program are "Automotive" and "Food Service." During FY 15-16, City inspectors conducted 313 routine inspections, 148 re-inspections, and 9 referral inspections at commercial and industrial facilities. The City continues to inspect the food service facilities in commercial office campuses to determine appropriate inspection frequency and dumpster area conditions for such facilities. Other types of facilities inspected include: electronics manufacturing, laboratories, dental facilities, machine shops, paint retailers, contractors, dry cleaners, corporation yards, and hospital/ healthcare facilities.

During FY 15-16, the City continued to assess incoming businesses to determine if they are included in MRP categories and required to be included in the inspection list. During FY 15-16, the City continued to inspect businesses required to be regulated by the MRP, but were determined to have no outdoor exposures. These will be removed from the inspection schedule. The City will continue to evaluate new and existing businesses to refine the business inspection list. The potential facilities list and the list of facilities scheduled for inspection are included with this report as Appendix 4-1.

City staff participated in the SCVURPPP IND AHTG. Refer to Section the C.4. Industrial and Commercial Site Controls of SCVURPPP's FY 14-15 Annual Report for a description of activities of the countywide program.

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.

Appendix 4-1 includes lists of facilities that could reasonably be considered to cause or contribute stormwater runoff pollution. The facility list is generated from a query of the Fire and Environmental Protection Division database, and is categorized by type of industrial/commercial facility.

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.

<input type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	289	
Total number of inspections conducted	469	
Number of violations (excluding verbal warnings)	151	
Sites inspected in violation	74	
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	150	

Comments:

1) Inspectors report the total number of discrete violations on each site.
 2) The violation that was not resolved in 10 days, or otherwise deemed resolved in a longer but still timely manner, is for a facility with a history of poor housekeeping. The particular business is inspected on an annual basis. The violations included failure to keep their outdoor area in good order, chemicals and hazardous materials improperly stored outdoors, and persistent oil spills. The facility management continually missed deadlines for compliance. After multiple re-inspections and attempts to work with the business and provide reasonable timelines for compliance, the facility has stopped responding to correspondence and at multiple site visits appears to be closed. This facility has been referred to the Santa Clara District Attorney's office for escalated enforcement. Some BMPs, such as spill cleanup and covering a large stockpile, were implemented to reduce the potential for stormwater runoff pollution. Recent access to the site has been limited since the business is not actively operating. At this time, the status of the business operations at the facility is uncertain.

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	148
Comments: Discharge streams are counted as one discharge per source of discharge per inspection site. One facility had an observed discharge to the stormdrain system during a IND/Comm inspection in FY 15-16. A sample of the runoff was collected and analyzed and the facility has been referred to the Santa Clara District Attorney's office for escalated enforcement.	

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) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ²
Level 1	Level 1 enforcement actions: actions that were documented on an inspection notice, including a corrective action	147	98%
Level 2	Level 2 enforcement actions: Notice of Violations (NOV) with a compliance directive	1	<1%
Level 3	Level 3 enforcement actions : administrative penalties or fines	0	
Level 4	Level 4 enforcement actions, which are Citations or referrals to the Santa Clara County District Attorney or the Regional Water Quality Control Board	1	<1%
Total		149	100%

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

²Percentage 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 ³	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Automotive	1	57
Bio R&D	0	4
Computer R&D / software	0	11
Concert Venue	0	1
Food Service Facility	0	51
Hospital / Healthcare	0	6
Hotel	0	2
Laboratory	0	7
Machine Shop	0	0
Metal Finisher	0	1
Office		
Warehouse Grocery/Retail	0	3
Gym	0	1
Painting contractor/retail	0	3
School	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 industries identified as non-filers during scheduled inspections during this fiscal year.

³List your Program's standard business categories.

C.4.e.iii ► Staff Training Summary						
Training Name	Training Dates	Topics Covered	No. of Industrial/Commercial Site Inspectors in Attendance	Percent of Industrial/Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
SCVURPPP On-Land Visual Trash Assessment Training	7/26/16	Trash Assessment Training for industrial and commercial facility stormwater inspectors.	1	33%	1	33%
IND/IDDE Training Roundtable	5/26/16	Stormwater compliance training for industrial and commercial facility stormwater inspectors.	2	75%	2	75%
IND/Comm Ad Hoc Task Group	Various	Industrial and Commercial Inspection working group	1-2	33% - 75%	1-2	33% - 75%

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

During FY 15-16, the City completed the following 1) continued implementation of its Illicit Discharge and Elimination program; 2) continued its collection system screening program; 3) participated in SCVURPPP's IND/IDDE Ad Hoc Task Group (AHTG). Refer to the C.5 Illicit Discharge Detection and Elimination section of Program's FY 15-16 Annual Report for description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

During FY 15-16, the City responded to 84 IDDE incidents, which is an decrease from the 86 incidents last year and is comparable with the incident data from past years' (92 incidents in FY 02-03, 89 incidents in FY 03-04, 74 incidents in FY 04-05, 80 incidents in FY 05-06, 68 in FY 06-07, 70 in FY 07-08, 69 in FY 08-09, 73 in FY 09-10, 76 in FY 10-11, 36 in FY 11-12, 49 in FY 12-13, 55 incidents in FY 13-14, and 86 in FY 14-15). Five complaints were "not found." One of the incidents was a complaint of chemical dumping from a commercial van, but the liquid was water from condensate drain. Two complaints about spills behind restaurants in the tallow storage areas, and spills observed during referral inspections. Another "complaint not found" was a complaint that a tenant at an apartment building was performing auto repairs in the parking lot. The inspection of this complaint did not identify any spills or leaks. Another "complaint not found" was a report of improper handling of asbestos materials and illegal washing of waste materials to the storm drain at a building demolition site, but there was no evidence of illegal disposal.

The breakdown of the types of incidents, potential source, sources of reports, and follow-up and enforcement actions are summarized in Appendix 5-1 of the annual report. Evaluation of the "Incident Type" data showed that the City responded to 3 fewer "abandoned drum" incidents, 4 fewer "dumping" incidents, 4 more "Food Facility" incidents, 6 more "RV waste" incidents, 8 fewer "leaking vehicle and equipment" incidents, and 3 more "dumpster discharge" incidents compared to FY 14-15. These categories resulted in the most variability compared to the last reporting year. The "accidental spills" and "sewer overflow" incidents were consistent with last year. The "accidental spill" incidents are typically vehicle accidents that result in spilled vehicle fluids requiring clean-up. The City has a new emergency dispatch database, which includes a filter that provides a summary of the incidents to the City's Environmental Safety Coordinator for possible follow-up action, if needed. During FY 15-16, the City issued 14 warning notices, 1 Administrative Action, and 4 Administrative Actions with fines in the amount of \$2,000.

During FY 15-16, the City responded to 3 sewer overflows that reached a storm drain, but were contained in the storm sewer system and did not reach a creek. The Fire and Environmental Protection Division works closely with the Utilities Section to identify problem areas and facilities that may require repairs or improvements to reduce the Sanitary Sewer Overflow (SSO) potential. The City did not have any "reportable" Category 1 or 2 SSOs during FY 15-16. The 16 sanitary spills listed in the incident summary in Appendix 5-1 were all small releases that were contained on the surface or in the storm drain system, and all of the sewage from these releases was collected with a vacuum truck and put back into the sanitary sewer system. In addition to the 16 small sewer spill incidents, the City's Wastewater section also responded to approximately 80 minor incidents, which may not have resulted in release of sewage or may have been less than 20 gallons released at the surface and did not flow to a gutter. All of the sewage from these minor incidents was also collected with a vacuum truck and

the sewage was returned to the sanitary sewer.

During FY 15-16, the City continued its restaurant inspection program, which includes fire/life safety inspection and stormwater pollution prevention inspection items. This was discussed in Section 4 of the annual report.

Review of the data does not provide useful information regarding the distribution of IDDE incidents. The incidents appear to be randomly occurring throughout the City. RV incidents are an increasingly challenging issue. Locations throughout the City have been identified where RVs park for extended periods of time and vehicle re-locate in response to parking enforcement efforts. Fire and Environmental Protection Division staff continue to work with the Police Department, the Streets and Wastewater Sections of the Public Services Division, the City Attorney's Office, and the City Manager's Office to identify enforcement options and to evaluate options to discourage RV waste dumping.

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

List below or attach your complaint and spill response phone number

During normal business hours, residents are directed to report illegal dumping or spill incidents to the Fire Department's main phone number, which is 650-903-6378. During non-business hours, illegal dumping or spill incidents can be reported to the City's Communications Center at 650-903-6395. Residents are encouraged to call 911 to report emergency situations.

Residents are directed to report sewer backups and overflows to the Public Services main phone number, which is 650-903-6329, during all hours. This phone number automatically transfers to the Communications Center during non-business hours. City "duty" personnel from the Utilities Department respond to overflow incidents all hours.

Provide your complaint and spill response web address, if used

Residents are directed to use the "Ask MV" selection located on the City's main web page to find out information about various topics. Reporting illegal dumping or spill is located under the Fire Department selection.

<https://clients.comcate.com/newrequest.php?id=128>

Reporting sewer overflows or spills is located under the "How do I" selection on the City's main web page.

<http://www.mountainview.gov/howdoi/report/default.asp>

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:

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

Point of contact information is provided to Public Services field staff during annual pollution prevention training. The City also participates in numerous public outreach events throughout the year, where pollution prevention information is provided and the residents are encouraged to access the City's website to obtain additional information. The "Ask MV" selection on the City's website allows users to submit questions about specific information, including illegal dumping or spills. Users can also file complaints using the on-line system. Complaints are routed to the appropriate staff for the area of responsibility. Illegal dumping complaints are routed to Fire and Environmental Protection Division staff. In the past, the illegal dumping phone number information has been listed in the City's ReSource newsletter.

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))	84	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	4	5%
Discharges resolved in a timely manner (C.5.d.iii.(3))	84	100%

Comments:

The majority of City IDDE incident responses are "threatened" discharge situations, such as minor spills that can be easily cleaned up and waste does not actually reach the storm drain system. Of the 84 incidents that the City responded to during FY 15-16, 5 incidents were not found. The responses to the complaints "not found" are tracked and reported to provide a record of the response and may be useful if complaints are received in the future.

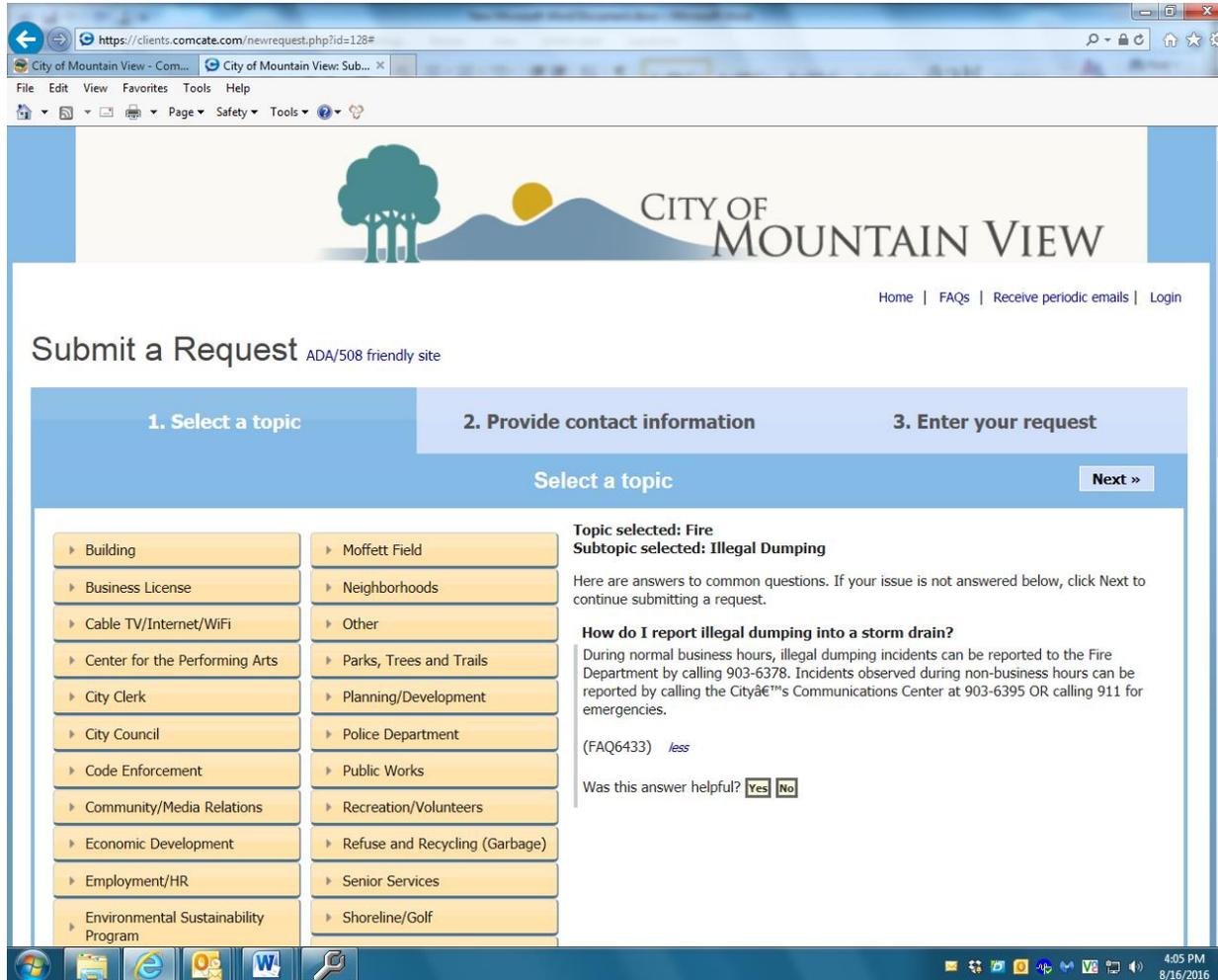
Four incidents resulted in discharges to the storm drain. None of the incidents resulted in discharge to the creek. One of those incidents was a sewer overflow, which occurred on private property. The sewage from this incident was contained in the city storm sewer pipe and the sewage was flushed and vacuumed from the storm drain pipe and did not reach a receiving water. Another discharge incident was from a potable water tank which leaked and small amount of water drained into the storm drain, and did not result in enforcement action. Another release was a vehicle that leaked excessive motor oil and vehicle fluids in the curb and storm drain. The vehicle was towed due to expired registration and the street and storm drain inlet were flushed and cleaned with a vacuum truck. The last incident was evidence that washing may have occurred in a shared garbage enclosure and a small amount of wash water may have reached the storm drain. All tenants that use the enclosure were warned about the violation.

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.

MS4 mapping information is available to the public upon request. The City of Mountain View's website includes a link to the "Watershed Watch" website that

includes information on the Oakland Museum Watershed Maps and the "Watching our Watersheds" interactive watershed and storm drain maps. (<http://www.mywatershedwatch.org/about-watersheds/>). Hard copies of the Oakland Museum maps are available with SCVURPPP staff and are provided to residents upon request. These maps include municipal storm drain pipes greater than 24 inches in diameter.



The screenshot shows a web browser window displaying the City of Mountain View website. The address bar shows the URL <http://www.mountainview.gov/depts/pw/services/sewer.asp>. The website header features the City of Mountain View logo and a search bar. The navigation menu includes links for CITY COUNCIL, DEPARTMENTS, SERVICES, HOW DO I..., ABOUT US, and CONTACT US. A sidebar on the left titled 'EXPLORE' lists various services: Water and Sewer Services Home, Water, Water Conservation, Recycled Water, Wastewater (Sewer), FAQs, and Flood Protection. The main content area is titled 'WASTEWATER (SEWER)' and includes a breadcrumb trail: Home » ... » Public Works » Water and Sewer Services » Wastewater (Sewer). A prominent text box states: 'Call (650) 903-6329 to report a sewer back up, an overflow, or flooding/standing water. We respond at all hours.' Below this, a video titled 'Tree Root Damage' shows a close-up of a pipe with roots growing through it. The text explains that wastewater is treated at a plant in Palo Alto before being discharged to the Bay or recycled. A 'RECYCLING & ZERO WASTE' banner is visible at the bottom left of the page content.

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 type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria	<input checked="" type="checkbox"/> 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: The City of Mountain View is flat and does not process or review applications for hillside development areas.			

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.2.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.2.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.2.c)
#	#	#
0	23	164
Comments: During FY 15-16, the City inspected 23 NOI sites (> 1 acre) on a monthly frequency. The City did not inspect additional "high priority" sites that disturb <1 acre and no "high priority" < 1 acre sites were identified.		

C.6.e.iii.2.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations ¹ excluding Verbal Warnings	% of Total Violations ²
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	41	57
Active Treatment Systems	0	0
Good Site Management	28	39
Non Stormwater Management	3	4
Total³	72	100%

¹Count 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.

²Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

³The 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.2.e.

C.6.e.iii.2.e ► Construction Related Storm Water Enforcement Actions			
	Enforcement Action (as listed in ERP) ⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵
Level 1 ⁶	Verbal warning and written warning provided on an inspection notice. Education materials provided are also listed though not calculated for inspection percentage.	Verbal - 22 Written - 29 Total - 51 Ed Materials - 7	Verbal - 43% Written - 57% Total - 100%
Level 2	NOV or Compliance Order	0	0
Level 3	Administrative penalties or fines	0	0
Level 4	Citations, referrals or civil/criminal complaints, or referral to the Regional Water Quality Control Board.	0	0
Total			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.2.f)	0
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.2.g)	0

⁴Agencies should list the specific enforcement actions as defined in their ERPs.

⁵Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁶For 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.2.h)	28	97% ⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.2.i)	1	3% ⁸
Total number of violations (excluding verbal warnings) for the reporting year⁹	29	100%
<p>Comments: The "Total number of violations for the reporting year" represents the number of inspections that identified violations and written notices were issued. Twenty-one of the inspections that identified violations noted violations in 2 or more separate categories, and 8 of the inspections identified violations in only 1 category. One project had a violation that was not fully corrected within 10 days. The site was undergoing mass grading in the spring of 2016, and had large stockpiles of soil and crushed concrete from the building demolition operations that were not covered. The stockpiles were located toward the middle of the site and were not near impervious areas or drains, so runoff from the stockpiles were not at risk to drain to a storm drain. The practice to manage the stockpile was extended beyond 30 days because the stored materials were planned to be used to fill in a large excavation from the demolition of the basement from the office building that had been demolished. The stored materials have all been used on the site to complete the site grading and the violation is resolved.</p>		

C.6.e.iii.(4) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
<p>Description: During FY 15-16, the city conducted 164 construction site inspections at 23 high priority sites. All of the high priority sites disturb greater than 1 acre and are NOI sites regulated under the State Construction General Permit. There were no sites less than 1 acre that were considered high priority sites. The total number of construction site inspections is less than the 177 inspections conducted in FY 14-15. Fewer written notices were issued for violations, so fewer follow-up inspections were conducted.</p> <p>Fifty-one total violations were identified during FY 15-16, which is an increase from 48 violations reported during FY 14-15, but fewer "written warnings" (29) were issued compared to FY 14-15 (34). Twenty-two "verbal warnings" were issued in FY 15-16, which is increased from 14 "verbal warnings" issued in FY 14-15. Most of the violations are for sweeping and litter. One factor for the sweeping violations relates to the type of construction, where a number of the projects involve excavation of the majority of the property. This type of construction requires intensive sediment control and sweeping during excavation. After the excavation is completed, the tracking potential is reduced and fewer violations observed. Most of the violations that were identified and corrected were for</p>

⁷Calculated 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.
⁸Calculated 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.
⁹The 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.

sediment controls, such as sweeping and perimeter controls, and good site management practices, such as trash management and covering stockpiles.

The City used an excel spreadsheet developed by SCVURPPP to track inspection data as required by the MRP. During FY 16-17, the City will transition to using ipads for issuing inspection notices and tracking inspection results.

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:

A high level of construction activity continues to occur in Mountain View. Monthly inspections were conducted at priority sites during FY 15-16. Violations that were identified were corrected. No major discharge violations from construction sites were observed during FY 15-16. Inspectors from the Fire and Environmental Protection Division participated in the SCVURPPP-sponsored Construction Inspector Training Workshop.

During FY 15-16, the City continued its practice of conducting thorough pre-winter inspections and providing pre-winter guidance to construction site superintendents. The pre-winter inspection clearly outlines the inspector’s expectations for the pending rainy season, and ensures that the sites have been prepared for winter storms.

The City utilized the Excel spreadsheet developed by SCVURPPP to ensure required data is tracked, but will transition to using ipads to issue inspection notices and track inspection results. City staff participated in SCVURPPP Construction Inspection AHTG to ensure that consistent inspection and reporting practices are implemented. Refer to section C.6 - Construction Site Control of SCVURPPP’s FY 15-16 Annual Report for a description of countywide or regional level activities.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
SCVURPPP Construction Site Stormwater Compliance Workshop	January 22, 2016	Regulations, BMPs, and construction site inspections.	2	

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.	
<p>Summary:</p> <p>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:</p> <ul style="list-style-type: none"> • FY 15-16 Watershed Watch Campaign Annual Campaign Report • FY 15-16 Watershed Watch Partner Report • FY 15-16 Watershed Watch Web Statistics Report <p>These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 15-16 Annual Report.</p>	

C.7.c. Stormwater Pollution Prevention Education	
The City of Mountain View maintains a website. Stormwater pollution information and point of contact information is included on the Fire Department - Environmental Protection page. The City's website and other stormwater pollution websites are provided at community outreach events.	
Local stormwater phone number(s)	The contact phone number for the City's stormwater program is (650) 903-6378. City staff phone numbers are also listed on the website.
Local/Regional stormwater website(s)	<p>The City of Mountain View's local website with information about stormwater pollution is located in the Fire Department, Environmental Protection section of the City's website, which can be found at the link listed below:</p> <p>http://www.mountainview.gov/depts/fire/environment/protection.asp</p> <p>The City of Mountain View also provides information on stormwater issues through SCVURPPP's Watershed Watch Campaign website www.MyWatershedWatch.org</p>
<p>Outreach:</p> <p>The City's stormwater pollution point of contact information is publicized on the City's website, at public events, and through a variety of inspection programs conducted by inspectors from different departments.</p> <p>The C.7 Public Information and Outreach section of SCVURPPP 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

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
 Use the following table for reporting and evaluating public outreach events

The display that is typically used at public outreach events includes information about the difference between sanitary sewer and storm drain systems and describes stormwater pollution issues. For some public outreach events, a poster with information about trash pollution is also displayed. In addition to the poster display, additional public safety and pollution prevention information is provided at these events. The brochures listed below are typically provided at public outreach events:

- You are the Solution to Water Pollution (English and Spanish)
- Less Toxic Pest Management Fact Sheets
- Grow It Guides
- Paint Care - Paint Recycling Program (English, Spanish, and Chinese)
- Household Hazardous Wastes Disposal (English and Spanish)
- Small Business Hazardous Waste Disposal (English and Spanish)
- Unwanted medicine disposal
- Sharps disposal
-

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Thursday Night Live; July 9, 2015; Castro St - Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, trash, and storm drain awareness	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people attend the event and approximately 100 people visit the booth.
Thursday Night Live; July 23, 2015; Castro St - Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, trash, and storm drain awareness	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people attend the event and approximately 100 people visit the booth.
Thursday Night Live; August 6, 2015; Castro St - Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, trash, and storm drain awareness	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people attend the event and approximately 100 people visit the booth.
Thursday Night Live; June 16, 2016; Castro St -	Street Fair. Audience: residents	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a

Downtown Mtn View	Pollution Prevention, trash, microbeads, and storm drain awareness	Fire Engine attracts a lot of people, especially families. Approximately 1000 people attend the event and approximately 100 people visit the booth.
Thursday Night Live; June 30, 2016; Castro St - Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, trash, microbeads, and storm drain awareness	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people attend the event and approximately 100 people visit the booth.
Mountain View Art and Wine Festival; September 12 and 13, 2015 - Downtown Mountain View	Pesticide - IPM, storm drain awareness, and pollution prevention	Large 2-day festival that is well attended. Approximately 10,000 people attend the festival and approximately 500 people visited the booth
LinkedIn Campus Health Fair Event; February, 10, 2016	Health fair event at the LinkedIn campus - medication disposal, pesticides, and storm drain awareness	Fire Department personnel staffed tables at the LinkedIn health fair to promote fire safety, wellness and pollution prevention information
Mountain View Arbor Day Fair; March 12, 2016 - Pioneer Park	Pesticide - IPM, pollution prevention, and storm drain awareness.	This is a smaller event that is well attended. Approximately 1,000 people attend, and approximately 200 people visited the boot.
Dayworker Center Training	Paint waste management, HHW, trash and storm drain awareness	FEPD staff participated in training event with approximately 50 people at the Dayworker Center to discuss storm drain pollution issues and waste handling. The Dayworker Center is a hall where day workers can find employment and obtain training, and other resources.
Community Resource Fair; May 7, 2016 - Pioneer Park/Library	Pesticide - IPM, pollution prevention, and storm drain awareness.	The Community Resource Fair was initiated to provide information from multiple City Departments and Community Service Organizations. Fire Department staff participated, and provided safety and pollution prevention information. Approximately 200 people visited the Fire Dept booth.
Senior Resource Fair; May 7, 2016 - Senior Center	Storm drain awareness and general pollution prevention information	Fire Dept staff participated in the Resource fair at the Senior Center and displayed a poster describing the storm drain system and provided sewer and storm drain pollution prevention information. Approximately 100 people visited the Fire Dept display.
Coastal Cleanup Day - September 19, 2015 - The City	Creek Cleanup - Stevens Creek	30 volunteers covered approximately 3 miles and

coordinated a creek cleanup event in conjunction with a Statewide/National effort.		removed approximately 1,200 pounds of trash and 150 pounds of recyclables.
National River Cleanup Day - May 21, 2016 - The City coordinated a creek cleanup event in conjunction with a Statewide/National effort.	Creek Cleanup - Stevens Creek	27 volunteers covered approximately 1 mile and removed approximately 900 pounds of trash and 100 pounds of recyclables.
SCVURPPP Sponsored Events		
<p>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.</p> <p>In addition, the Program provided funding for the following citizen involvement events:</p> <ol style="list-style-type: none"> 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. 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) - A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-7. 		
Event Details	Focus & Short Description	Evaluation of Effectiveness

<p>Name: 2015 Kids N Fun Festival Date: August 15, 2015 Location: Memorial Park, Cupertino Region: Countywide</p>	<p>Type of Event: Public outreach Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, and water quality</p>	<p>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 Bean bag game - no. of kids: 523</p>
<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: 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>
<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</p>

		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
Name: Mission College Eco Fair Date: April 21, 2016 Location: Mission College Campus, Santa Clara Region: : Countywide	Type of Event: Public Outreach Audience: Young adults, students Messages: Stormwater pollution prevention and proper disposal of HHW	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
Name: Watershed Watch "half-off" two hour Car Wash Event Date: April 27, 2016 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose Region: Countywide	Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	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 Number of Watershed Watch Discount Cards Distributed: 10
Name: Fit & Fun Earth Day Fair Date: April 30, 2016 Location: Columbia Neighborhood Center, 785 Morse Ave., Sunnyvale Region: Countywide	Type of Event: Public Outreach Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.	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>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 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell 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: 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.</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>

	Messages: Stormwater pollution prevention, sustainable gardening	
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	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	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.
Name: California Coastal Cleanup Day Date: 9/19/15 Location: Various locations throughout the County Focus: Countywide	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.	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.
Name: National River Cleanup Day Date: 5/21/16 Location: Various locations throughout the County Focus: Countywide	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.	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.

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.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

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. See section C.7 of the Program’s Annual Report for ZunZun and other County-wide school outreach events.

In addition to the Program’s school outreach, the Palo Alto Regional Water Quality Control Plant (RWQCP) provides classroom programs to elementary and middle school classes. The goal for classroom program delivery for the 2015-2016 school year was 115 presentations for 3,000 students in the service area of East Palo Alto, Los Altos, Los Altos Hills, Mountain View, Palo Alto and Stanford. The RWQCP exceeded this goal and provided 145 programs to 3,820 students in the RWQCP service area. In Mountain View, presentations were made to 963 students in 33 classes. Summaries of the programs presented in Mountain View are included in the table below.

This successful program transitioned in January 2016 to a team of educators from the local non-profit Grassroots Ecology. The average teacher rating for the school year was 4.9 out of 5 both for quality of program and clarity of presenter. In addition, teachers stated that students in 96% of classes showed an increased understanding of the difference between the storm drain and the sewer systems and of what they can do to prevent water pollution.

In 2016, additional budget has been added to provide 20 additional classes and related outreach in underserved schools. In addition, the curriculum will be revised this summer with the goal to:

- Make the introduction more interactive and tailored to each lesson;
- Improve the flow and speed of the “Bugs” program through numbering puzzle pieces and ensuring the content is more cohesive throughout the activity;
- Change the “Bags” activity to a role-playing game and update the text to include recent developments in plastics regulation and research;
- Produce “visuals” including images to go with the “Who Dirtied the Bay” activity so students more easily see what their classmates are adding to the “bay;”
- Create hand-outs for students such as information for parents on proper local disposal of household hazardous wastes in their community.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
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Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Name : 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. • 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. 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.
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school.	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution.	67 pre-kindergarteners, 747 elementary school students, 548 middle school students, and 167 high school students.	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.
Mountain View School Events provided by City of Palo Alto RWQCP:			
What's Bugging You? (2nd Grade)	In this interactive program, students work together to create a visual habitat for insects. By learning about insects and the food chain students are introduced to the concept of pesticides, as well as the impacts of pesticides on water pollution. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."	Mountain View: 2 classes, 94 students	See above.
What's Up with the Bags? (2nd grade)	In this program students practice their reading and comprehension skills by reading a story out loud as they learn about the impact of plastic bags when they enter the watershed through human use and misuse. Plastic bag alternatives are discussed. Students are given a reusable bag, encouraged to decorate it with a message about water pollution or something else they learned from the lesson, and then take the bag home to be reused. Students also learn: the difference between waste water and storm water	Mountain View: 4 classes, 94 students	See summary above.

	(where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."		
Who Dirtied the Bay? (3rd Grade)	Moving through time from past to present the focus of this program is on storm water and how pollutants impact the Baylands and H2O environment. Pollution prevention solutions are discussed with an emphasis on what the students can do right now, at their age, to impact water pollution Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."	Mountain View: 2 classes, 45 students	See summary above.
Microbes in Sewage (7th grade)	In a laboratory setting, students practice their microscope skills as they observe, document and identify microbes from water samples drawn from the aeration basin as part of the wastewater treatment process. This program directly relates since students study protist in the 7th grade as part of the science biology curriculum, Students also learn to understand the sense of place and the role of a wastewater treatment plant in their community. Impact of pollution on the Baylands and water environment, as well as prevention solutions that the students can currently engage in are discussed	Mountain View: 25 classes, 730 students	See summary above.

Section 9 - Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance			
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If no, explain:			
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.			
Trends in Quantities and Types of Pesticides Used¹			
Pesticide Use Analysis			
<p>During FY 15-16, the City implemented its IPM Program. Pesticide use data for FY 15-16 is included in Appendices 9-1, 9-2, 9-3, and 9-4. Appendix 9-1 summarizes the number of different pesticides separated by their category that were used at City facilities during the reporting year. Appendix 9-2 summarizes the total quantities of pesticides, separated by their categories that were used, and comparing FY 15-16 usage to the previous year and the previous 13 years average. Appendix 9-3 summarizes the total quantities of active ingredients, separated by categories, and comparing FY 15-16 usage to the previous year and the previous 13 years average. Comprehensive pesticide use data, including application date, product used, amount applied, and amount of active ingredient applied is available upon request.</p> <p>The City's IPM Policy and Plan establishes goals to reduce pesticide use through implementation of IPM practices, and establishes a reduced risk pesticide selection procedure when pesticide use is required. The IPM Policy and Plan directs the use of lower toxicity, Category III products or exempted products, and limits the use of higher toxicity, Category I and II products, to cases where those products are needed to prevent unacceptable health risks or economic loss. Implementation of the reduced risk pesticide selection practice resulted in City staff and contractors using a larger variety of products to achieve desired pest control results. As shown in Appendix 9-1, since FY 03-04, a general trend reflects an increase of the total number of different pesticide products used, an increase in the number of lower toxicity Category III products, and a decrease in the number of higher toxicity Category I and II products. During FY 15-16, the total number of pesticide products used, including Category III products were consistent with recent years. One Category I product was used during FY 11-12, FY 12-13, FY 13-14, FY 14-15, and used again in FY 15-16. Category I products had not been used for 5 years prior to FY 11-12. The Category I product has been used at the golf course to prevent the spread of a potentially damaging weed on the greens. Use of the product was recommended by a qualified pest control advisor and was approved in accordance with the City's IPM policy. One applications of the Category I product occurred during FY 14-15 (April 2016). These applications are a part of a recommended cycle of applications as a course of treatment, so use of this product was anticipated for FY 15-16, and its use will most likely continue in upcoming years. Further discussion of this product's use is discussed below. One Category II products was used during FY 15-16. The Category II product was used at the golf course to control fungus on the putting greens.</p>			

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

Appendix 9-2 provides an evaluation of historic pesticide use data since FY 02-03. Past evaluations concluded an overall trend of increased total pesticide use, an increased use of Lower toxicity, Category III and exempt products. The historical trend has also shown a reduction in the use of higher toxicity, Category I and Category II products at City facilities, with the exception of the use of the category I pesticide described above. The increase in total pesticide use was thought to be due to the necessity to use larger amounts of lower toxicity product to control pest issues that were previously controlled using higher toxicity products. Additionally, the City has also increased park, trail, and median areas that require maintenance, which also contributes to the increase in total pesticide usage. Recent trends have shown reduced pesticide use during FY 10-11, FY 11-12, FY 12-13, FY 13-14, FY 14-15, and FY 15-16. Factors related to the reduction in the amount of pesticides that were used during the past 6 years include; winter rain patterns that did not include intermittent periods of warm weather to promote winter weed growth; mild spring and summer weather; and reliance on new backpack application equipment which was used to apply most of the products instead of the truck sprayer. The truck equipment had been used more in past years and delivers more product, whereas the backpack can deliver product more directly and at a reduced rate, which reduces the total amount used. Another reason for a reduction in pesticide use may be enhanced fertility and cultivation programs in golf course turf that reduced disease and weeds that would otherwise require treatment.

Appendix 9-3 provides an evaluation of historic active ingredient application since FY 02-03, and shows a trend that City staff and contractors have decreased the application of active ingredients from Category I, Category II and Category III products at City facilities, and an increase in active ingredient application from exempt products. Appendix 9-3 also shows an overall decrease in the total application of active ingredients during FY 15-16, compared to the past 13 year average. The overall decrease in active ingredient application is most likely due to increased use of lower toxicity, Category III and exempted products. FY 15-16 active ingredients application amounts increased compared to FY 14-15. The evaluation and analysis of active ingredient application is challenging due to varying dilution rates.

While recent data shows a trend of decreased total pesticide use and active ingredient use for the reporting year, the data does not necessarily mean that a trend toward decreased amount will continue. Future weather patterns, increased landscape areas that will need to be maintained, and possible pest infestations may require increased use of pesticides.

Use of Pesticides that Threaten Water Quality

The Municipal Regional Permit lists organophosphorous pesticides, pyrethroids, carbamates, and fipronil as pesticides of concern. Products containing pesticides of concern are applied in a manner that minimizes the risk or threat to water quality.

- No carbamate pesticides were applied at City facilities during FY 15-16.
- One organophosphorous product, called Proxy, was used at the golf course during FY 15-16 to prevent the spread of a potentially damaging weed on the greens. The active ingredient in Proxy is ethephon. The product is not a phosphate chemical. The product breaks down quickly and was applied in April, which was a dry month and there was no irrigation for at least 24 hours after application. The Proxy use is summarized in Appendix 9-4.
- Five different products containing pyrethroids were used during FY 15-16. Information regarding the pyrethroid products, target pests, total amount applied, active ingredient applied, and comments about water quality threat is provided in Appendix 9-4.
- Two products containing fipronil were used during FY 15-16. Information regarding the use of these products is provided in the Appendix 9-4.

Additional information regarding the organophosphorous, pyrethroid and fipronil products, target pest, their active ingredient, quantities that were applied, and comments about the water quality threat or precautions that were taken are listed Appendix 9-4. The products that are applied indoors are not included in

Appendix 9-4 since they do not pose a threat to pollute runoff. The pyrethroid and fipronil products are primarily applied by the City's contractor, Bay Valley Pest Control. These applications are typically in very small amounts, and those that may be applied in larger quantities are diluted and the amount of active ingredient is very small. These products are typically applied in areas where there is a low risk of the product being washed off during a rain event, including interior applications and application at the base or eaves of buildings, or products that are in bait form.						
Pesticide Category and Specific Pesticide Used	Amount ²					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates						
Proxy (active ingredient is ethephon)	10.3 lbs active ingredient					
Pyrethroids						
Drione dust	0.04 lbs active ingredient					
Excite	0.08 lbs active ingredient					
Multicide Wasp and Hornet Killer	0.004 lbs active ingredient					
Tempo	3.7 lbs active ingredient					
Wasp and Hornet Killer	0.007 lbs active ingredient					
Carbamates	NA					
Fipronil						
Maxforce	0.00001 lbs active ingredient					

²Weight 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.

Termidor	0.4 lbs active ingredient					
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: Typical IPM tactics and strategies that are implemented include, monitoring pest populations and tolerating pest populations or other conditions, use of native plants, use of traps, and exclusion practices. When determined that pesticides will be used to control a pest population, lower risk products are preferred options, as well as bait products.						

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.	2
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	2
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: Twelve employees have Qualified Applicator Certificates, though only 2 employees routinely perform pesticide application duties. Most training related to pesticide use is conducted during safety tailgate meetings and in-house safety training. IPM topics are discussed during these training meetings. City staff participates in specialized IPM training when local training opportunities are available. During FY 16-17, a training meeting to review the City's IPM policy with appropriate Community Development Department staff will be completed.	

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</p> <p>The City adopted its IPM policy in September 2002. The City notified its contract structural pest control operator about the policy and IPM plan in writing at the time of the policy adoption and again in FY 11-12. The City has not changed pest control operators since adoption of the policy and development of the IPM plan. Bay Valley Pest Control has implemented IPM practices at City facilities including using less toxic products. The City's contract specifications for Pest Control Services includes a section requiring selection of "environmentally friendly" pesticides and chemicals, but does not specifically require the contractor to follow the City's IPM Policy. The Environmental Safety Coordinator has requested that the City Finance Department, which administer contracts, revise the Pest Control Services contract to include a section requiring adherence to the City's IPM Policy. Contract specifications will be revised to include the IPM policy requirement when the contract is up for renewal. During FY 15-16, the City contracted with a private company to operate the golf course. The contract with the golf course operator included language about implementing the IPM policy, and City staff communicate with representatives from the golf course operator to verify implementation of the policy and discuss data reporting. A copy of the IPM related language in the contract with the golf course operator is included in Appendix 9-5. City staff reviews contractors pesticide use reports and reviews labels and Safety Data Sheets for new and proposed products. Contractors are required to obtain City approval prior to using Category I pesticide products.</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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
<p>If yes, summarize the communication. If no, explain.</p> <p>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.

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 15-16:

- 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)

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:

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

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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 City 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)	8.8%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	29.6%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	10.0%
SubTotal for Above Actions	48.4%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	NA
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	NA
Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16	48.4%
Discussion of Trash Load Reduction Calculation:	
The City attained and reported a 42% trash load reduction in its FY 14-15 Annual Report, exceeding the trash load reduction target of 40% for 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 City has attained a 48% 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. Refer to the attached plan and schedule of implementation of additional trash load reduction control actions that will attain 2017 mandatory reduction of 70%, consistent with MRP 2.0 requirements.	

¹ 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.

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 Hydrodynamic Separators	5	143.2
Private Hydrodynamic Separators	21	95.9
Installed in FY 15-16		
Connector Pipe Screens	4	6.0
Total for all Systems Installed To-date		30
Treatment Acreage Required by Permit (Population-based Permittees)		112
Total # of Systems Required by Permit (Non-population-based Permittees)		NA

*Areas treated also include jurisdictional and non-jurisdictional lands (e.g., public K-12 schools and colleges, and freeways) within the boundaries of the City.

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

Provide the following:

- 1) Jurisdiction-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
1	1.8	30	0%	No Maintenance issues were identified during the routine pumping of the full trash capture systems in the City of Mountain View.
2	0.2			
3	0			
4	0			
5	0.2			
6	1.2			
7	3.0			
8	0.1			
9	0.2			
10	1.0			
11	0.2			
12	0			
Parks	0.3			
Schools	0.2			
Total*	8.8			

Certification Statement: The City of Mountain View certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in a manner that meets the full capture system requirements included in the Permit.

*The Total jurisdiction-wide reduction reported for full capture systems includes 0.4% reduction for treatment of 17.1 acres of non-jurisdictional public K-12, college and university school land areas.

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	Increased inspections and improved trash bin/container management have occurred in much of TMA#1 post-2009 due to the MRP requirement that stormwater violations be addressed within 10-working days. TMA#1 has many industrial and commercial facilities. These facilities have been inspected on an annual basis for many years, but inspections since 2009 have focused more specifically on trash and have necessitated additional inspections to verify compliance with stormwater requirements.
2	City crews maintain one City-owned lot adjacent to Shoreline Park. On-land trash cleanup activities include picking up litter at the park and ensuring that garbage cans are emptied to prevent litter or trash spills. City Crews also maintain two parks within TMA#2. While not coordinated with the City, many of the large companies that work in Trash Management Area #2 pick up trash on their campuses and will organize volunteers to clean stretches of trails that run through the management area. One company installed small inlet-based trash capture devices in the private, on-site storm drain inlets downstream of the loading dock areas of the facility. A number of properties in TMA#2 have been re-developed and include treatment controls that meet LID requirements. The types of controls installed at these properties include bio-treatment basins, as well as improved trash enclosures and containers. These properties account for approximately 8 acres, and the treatment controls are inspected by the City. Another property slated for completion this year will treat approximately 10.2 acres using LID controls. The City inspects and tracks maintenance of these devices.
3	The City has increased the number of facilities inspected in TMA#3 including specific information/outreach to the businesses in the TMA regarding trash management during the inspections. A small inlet full trash capture device was installed downstream of a waste transfer facility as part of a small pilot program undertaken to assess the functionality of small inlet devices in areas where large trash capture devices are unfeasible.
4	The City has increased the number of facilities inspected in TMA#4 including specific information/outreach to the businesses in the TMA regarding trash management during the inspections. TMA #4 has multiple properties that are currently being redeveloped- including a multi-acre development that will have partial and full-trash capture facilities installed on-site that is slated to be completed in late 2016/early 2017.
5	Biotreatment facilities that treat runoff from 39.3 acres of land have been installed in TMA#5 associated with redevelopment. The treatment controls are inspected by City Staff. Multiple, large, residential redevelopments are anticipated to occur and/or are being constructed in TMA#5 which will include C.3-compliant and LID stormwater treatment facilities in the next few years. Based on inspections in TMA#5 since the Long-Term Trash plan was drafted, TMA#5 is a priority area for assessments in FY 16-17, as the medium-trash generation rate for much of the area may be too conservative and not accurately reflect the actual conditions in the area.
6	Two properties in TMA#6 were redeveloped in FY 13-14 and included stormwater treatment controls. The second phase of the project is currently underway and will include additional full trash capture devices. Biotreatment facilities that treat runoff from approximately 5 acres of land were installed, and the second phase of the project is currently being constructed which will include additional C.3 compliant stormwater treatment facilities. The treatment controls are inspected by City Staff. Increased inspections and improved trash bin/container management

	have occurred in much of TMA#6 due to the MRP requirement that stormwater violations be addressed within 10-working days. TMA#6 has many commercial and food service facilities. These facilities have been inspected on an annual basis for many years, but inspections since 2009 have focused more specifically on trash and have necessitated additional inspections to verify compliance with stormwater requirements.
7	TTMA#7 includes many commercial and food service facilities and the increased inspection frequency contributes to improved bin management as well as more frequent opportunities for education and outreach regarding trash reduction. A large full trash capture device is proposed for installation in TMA #7 in FY 17-18.
8	TMA#8 includes many commercial and food service facilities and the increased inspection frequency contributes to improved bin management as well as more frequent opportunities for education and outreach regarding trash reduction. Small inlet-based full capture devices have been installed in two (2) City parking lots as part of a pilot program to assess the feasibility of installing small devices along Castro St. City Workers also clean the Downtown Area (8 blocks) on an every-other-day basis. On-land trash cleanup activities include picking up litter by hand, using a sidewalk- sized street sweeper, and ensuring that garbage cans are emptied to prevent litter.
9	City crews maintain one park located in TMA #9. On-land trash cleanup activities include picking up litter at the park and ensuring that garbage cans are emptied to prevent litter or trash spills. Based on inspections in TMA#9 since the Long-Term Trash plan was drafted, TMA#9 is a priority area for assessments in FY 16-17 as the medium-trash generation rate for much of the area may be too conservative and not accurately reflect the actual conditions in the area.
10	City crews maintain one park located in TMA #10. On-land trash cleanup activities include picking up litter at the park and ensuring that garbage cans are emptied to prevent litter or trash spills. Two properties totaling approx. 1 acre of land have been developed with LID stormwater treatment controls incorporated into the project. The City inspects and tracks maintenance of these facilities. Two additional large-scale redevelopment projects are proposed and/or under construction in TMA#10 that will include C.3-compliant stormwater treatment facilities as well as LID treatment facilities.
11	City crews maintain one park located in TMA #11. On-land trash cleanup activities include picking up litter at the park and ensuring that garbage cans are emptied to prevent litter or trash spills. Approximately 1 acre of area drains to a grass swale. The City inspects and tracks maintenance of the swale. No issues with regard to performance or maintenance of the swale have been identified. Another property was redeveloped to include a biotreatment basin. Approximately 0.8 acres of land drains to the treatment facility, which is inspected by the City. No issues with regard to performance or maintenance of the biotreatment basin have been identified.
12	Nine properties have been re-developed and include treatment controls. The types of controls installed at these properties include biotreatment basins and “tree-well” filter systems. These properties account for approximately 27.9 acres, and the treatment controls are inspected by the City.
PARKS	City crews maintain the City’s Parks including on-land trash cleanup activities, picking up litter at the park and ensuring that garbage cans are emptied to prevent litter or trash spills.
SCHOOLS	Seven schools include athletic fields and City park lands that are maintained by the City’s Community Services Department, including litter collection and trash management. The athletic field and City parks associated with these schools consists of 49.7 acres.

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 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	Average # of Assessments Conducted at Each Site*	
1	7.57	0	0%	0	0%
2	6.51	0	0%	0	0%
3	1.84	0.84	45.8%	4	2.1%
4	3.48	1.65	47.5%	2.5	2.5%
5	4.87	1.28	26.3%	4	8.3%
6	3.84	1.22	31.8%	3	9.0%
7	2.91	0.95	32.6%	4	0.9%
8	2.65	0	0%	0	0%
9	3.29	2.30	69.8%	4	3.7%
10	3.74	0	0%	0	0%
11	1.86	0.62	33.3%	3.7	3.1%
12	1.29	0	0%	0	0%
Parks	0.31	0	0%	0	0%
Schools	1.06	0	0%	0	0%
Total	8.87	8.87	-	-	29.6%

*Each on-land visual assessment site is approximately 1,000 feet (on average) in length. Average number of assessments represent those conducted in FYs 14-15 and 15-16.

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	The Reusable Bag Ordinance prohibits single-use carryout bags at retail stores in Mountain View and within cities that have adopted the Ordinance. As of April 22, 2013, reusable bags or bags made of recycled content paper are provided by the store at a minimum price of 10 cents per paper or reusable bag. The 10 cent bag charge is non-taxable. Customers may bring their own bags to shop at no charge. http://www.ci.mtnview.ca.us/depts/pw/recycling/zero/bags.asp	The City 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> .	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. Results from the SCVURPPP Study, which characterized 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> . Based on the results of the SCVURPPP study, the City estimates an approximate 72% reduction in the number of single-use bags in stormwater, which equates to a 5.8% (i.e., 72% x 8%) reduction of trash discharged from the City’s stormwater conveyance system.	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 City adopted an Ordinance that prohibits food providers from dispensing food & beverages prepared on the premises for “dine-in” or “take-out” to customers using polystyrene “foam” food service ware. The Ordinance also prohibits the sale of polystyrene foam food service ware & foam ice chests/coolers at stores in Mountain View. It does not affect prepackaged foods in foam cups or trays like ramen noodles, raw eggs, meat, fish or poultry. “Food provider” means a vendor, business, organization, entity, group or individual that offers food or beverages to the public for consumption on or off premises, regardless of whether there is a charge for food, such as a: restaurant, bar, pub, caterer, cafeteria, coffee shop, deli, liquor or convenience store, grocery, mobile food truck, push-cart, sidewalk or other outdoor vendor, road-side stand, festival or any retail food establishment. The Mountain View City Council adopted the Ordinance on March 25, 2014. It became effective on July 1, 2014. http://www.ci.mtnview.ca.us/depts/pw/recycling/zero/foam.asp</p>	<p>The City 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. Results from the SCVURPPP Study, which characterized 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 City estimates an approximate 74% reduction in the volume of expanded polystyrene food service ware in stormwater, which equates to a 4.4% (i.e., 74% x 6%) reduction of trash discharged from the City’s stormwater conveyance system.</p>	4.4%	

FY 2015-2016 Annual Report

Permittee Name: City of Mountain View

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
MOV01	N	9/19/2015	6.2	6.4	5.1	1.2	3.5
MOV02	N	9/19/2015	4.4	2.7	3.5	0.3	2.4
MOV03	N	9/19/2015	7.0	5.8	3.5	1.2	2.2

Additional cleanup events to those reported above were conducted at:

MOV01 on 5/21/16 - 1.4 cubic yards

MOV02 on 5/21/16 - 2.4 cubic yards

MOV03 on 5/21/16 - 1.3 cubic yards

TOTAL= 5.1 cubic yards

FY 2015-2016 Annual Report

Permittee Name: City of Mountain View

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 City'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 City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. The City's revised baseline trash generation map is included as Appendix 10-2.</p>	<p>All applicable</p>

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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 %)
<p>Additional Creek and Shoreline Cleanups (Max 10% Offset)</p>	<p>On April 16, 2016, the 'Friends of Stevens Creek' conducted their annual clean-up along Stevens Creek Trail. Approximately fifteen (15) 30-gallon bags of trash from along the Stevens Creek Trail and the banks of Stevens Creek were collected at this event. Approximately 3.5 miles were cleaned up between Shoreline and El Camino Real. C.10.e.i states "A Permittee may offset part of its provision C.10.a trash load percent reduction requirement by conducting additional cleanup of creek and shoreline areas beyond trash hot spot cleanups required by C.10.c if the additional cleanup efforts are conducted at a frequency of at least twice per year and sufficient to demonstrate sustained improvement of the creek or shoreline area". While this creek and shoreline cleanup only occurs once a year, the efforts of this group and the trash removed are significant.</p>		

FY 2015-2016 Annual Report

Permittee Name: City of Mountain View

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.

<p>Direct Trash Discharge Controls (Max 15% Offset)</p>	<p>Not Applicable</p>		
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Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

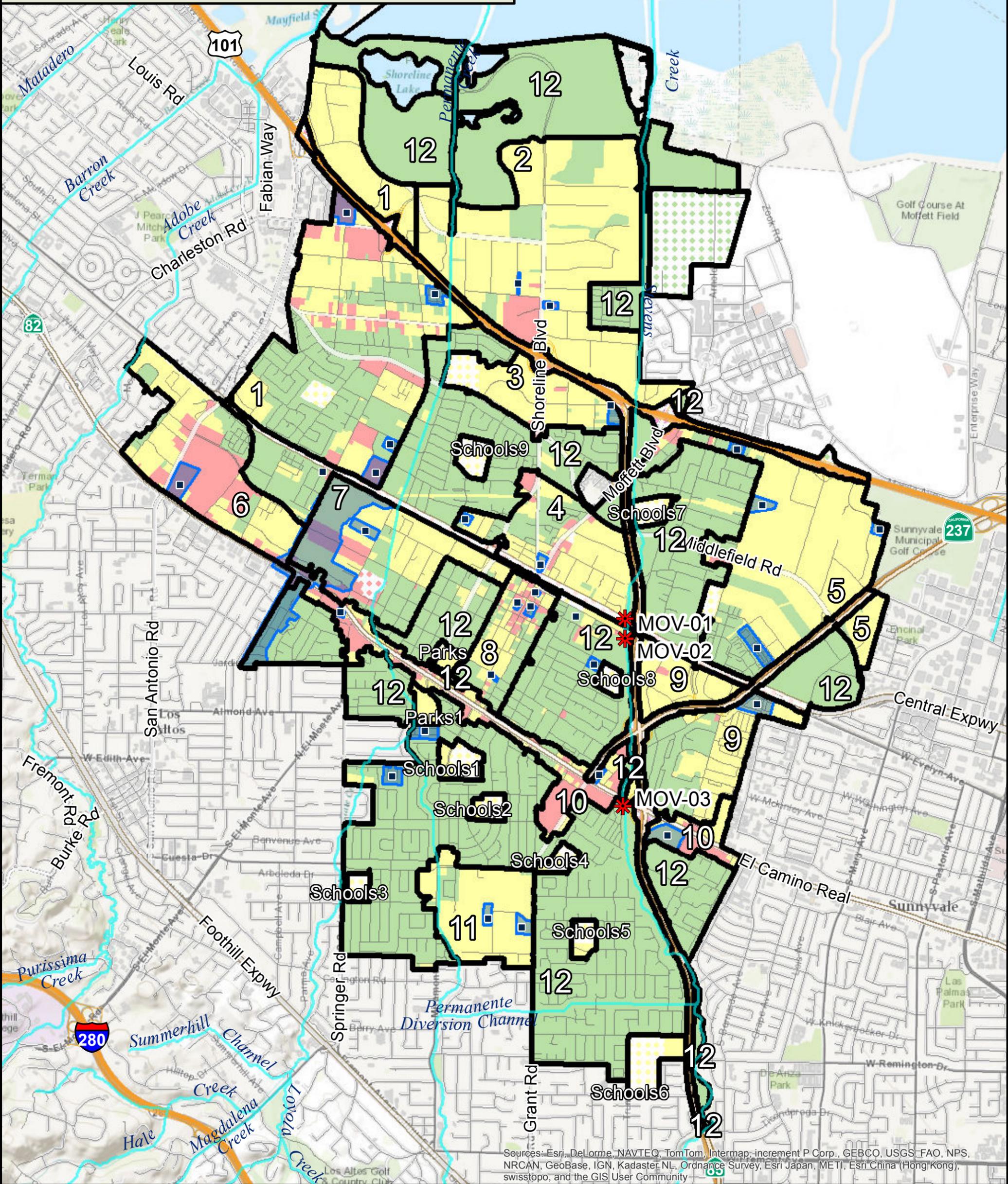
TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide 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		
1	302	362	98	0	762	321	362	79	0	762	1.8%	321	362	79	0	762	0%	1.8%
2	71	551	31	0	652	73	550	29	0	652	0.2%	73	550	29	0	652	0%	0.2%
3	7	108	6	0	121	8	107	6	0	121	0%	77	44	0	0	121	2.1%	2.1%
4	57	131	16	0	204	59	129	16	0	204	0%	132	65	6	0	204	2.5%	2.5%
5	114	388	13	0	515	122	380	13	0	515	0.2%	459	49	7	0	515	8.3%	8.5%
6	44	134	105	0	282	58	132	92	0	282	1.2%	163	120	0	0	282	9.0%	10.2%
7	54	170	36	0	260	134	105	21	0	260	3.0%	179	58	23	0	260	0.9%	3.9%
8	48	52	17	0	117	50	51	16	0	117	0.1%	50	51	16	0	117	0%	0.1%
9	86	173	2	0	262	95	164	2	0	262	0.2%	249	13	0	0	262	3.7%	4.0%
10	12	105	123	0	241	34	91	116	0	241	1.0%	34	91	116	0	241	0%	1.0%
11	16	157	0	0	173	23	149	0	0	173	0.2%	155	17	0	0	173	3.1%	3.3%
12	3070	60	3	0	3133	3071	59	3	0	3133	0%	3071	59	3	0	3133	0%	0%
Parks	0	25	0	0	25	11	14	0	0	25	0.3%	11	14	0	0	25	0%	0.3%
Schools	0	42	0	0	42	8	34	0	0	42	0.2%	8	34	0	0	42	0%	0.2%
Totals	3882	2458	450	0	6790	4069	2,328	394	0	6790	8.8% *	4,984	1,527	279	0	6,790	29.6%	38.4%*

*The Total jurisdiction-wide reduction reported for full capture systems includes 0.4% reduction for treatment of 17.1 acres of non-jurisdictional public K-12, college and university school land areas.

Appendix 10-2

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

City of Mountain View - 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

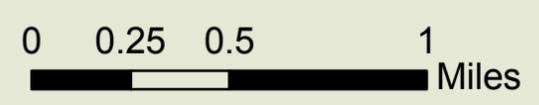
Legend

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
- Parcel Boundary



Plan and schedule of implementation of additional trash load reduction control actions that will attain 2017 mandatory reduction of 70%, consistent with MRP 2.0 requirements:

Control Action	Description	Planned Implementation Date
Full-Capture Devices- CDS units	<p>The “Citywide Trash Capture Feasibility Study”, completed in 2015 presented ten possible locations where large trash capture devices would be most effective in helping the City of Mountain View to achieve its trash reduction goals. Staff from multiple City departments, including the Public Works Department, evaluated the study, and recommended four locations to proceed with installation of trash capture devices: Latham Street (TMAs 7, 10, and 12), Villa Street (treating TMAs 7, 8, and 12), El Camino Real (TMAs 10, 11, and 12), and Coast Casey (TMAs 1 and 2). These specific locations are considered to be high trash generating areas due to the high density of commercial land uses.</p> <p>The Citywide Trash Capture Phase I project will include the installation of new manholes, hydrodynamic separators, and small full trash capture devices to treat portions of Latham Street, Villa Street, and El Camino Real. The project also includes the design of a smaller parallel pipe system and a feasibility study of installing a trash boom device in the Coast Casey/North of Bayshore areas of the City.</p> <p>In March 2016, the City hired a consultant to prepare design documents for the installation of the three (3) large hydrodynamic separators. Design efforts are currently underway and the City is currently working with private property owners to obtain easements for the projects.</p> <p>A large hydrodynamic trash capture device is proposed on McKelvey Park Drive as part of a sports field renovation project. Design plans for this trash capture device have been completed and will go out for bid in early fall 2016, with construction anticipated to begin in early 2017.</p>	6/1/2017
Full-Capture Devices- Inlet-based Connector Pipe	<p>In addition to the projects listed above, the City started a pilot program in February 2016 and installed four Revel Environmental Manufacturing, Inc. (REM) Triton Bioflex Drop Inlet Trash Guards (full capture) units in several high trash</p>	3/1/2017 and throughout fiscal year

Screens	generating locations that included public parking lots Downtown Mountain View and near a waste collection location. The results of this pilot program will provide the City with data on the operations and maintenance of these units and where the City will install additional units.	
Full Trash Capture on private developments	As of February 2016, the City of Mountain View has been requiring all new and redevelopment projects that occur in medium or high trash generating areas to install full trash capture devices on the property. The City is tracking and inspecting the installation of full-trash capture device installations on private property and will map the areas treated and inspect and/or track the maintenance of the devices.	Began in February of 2016 and will continue to be required of all projects in medium and high trash generating areas.
Enhanced on-land Trash Assessments	The City of Mountain View is planning on undertaking on-land Trash Assessments of areas of the City that <i>may</i> have been categorized too conservatively with regard to trash generation rates. Targeted areas of the City will be assessed three (3) times per year over the year to determine if the trash generation rates need to be modified. Depending on the results of these assessments, the City may redirect resources from those areas to higher trash generating areas of the City.	Throughout Fiscal Year 16-17

The City of Mountain View believes that the actions summarized above in tandem with targeted on-land Trash Assessments will help the City to attain 2017 mandatory reduction of 70%, consistent with MRP 2.0 requirements.

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. During FY 15-16, the City participated in the SCVURPPP Pollutant of Concern AHTG.

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. During FY 15-16, the City participated in the SCVURPPP Pollutant of Concern AHTG.

Section 13 - Provision C.13 Copper Controls

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

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?

X	Yes	No
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(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:

The City of Mountain View has an ordinance that prohibits the discharge of washwater from cleaning and treating of copper architectural features from entering the storm drain system. Contractors are informed about this during the building permit application process, and the SCVURPPP "Requirements for Copper Roofs and Other Architectural Copper" Fact Sheet is provided to applicants.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and if appropriate BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records. Post-construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SCVURPPP "Requirements for Copper Roofs and Other Architectural Copper" Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SCVURPPP website: http://www.scvurppp-w2k.com/pdfs/1112/Architectural_Copper_factsheet_2012.pdf Inspectors are made aware of the concerns with copper architectural features at SCVURPPP Training Workshops and internal municipal trainings. During FY 15-16, City inspectors did not respond to any incidents of related to the discharge of waste generated from cleaning and treating of copper architectural features.

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

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?

X	Yes	No
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(For FY 15-16 Annual Report only) Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.

Summary:

- The City of Mountain View uses the SCVURPPP “Draining Pools & Spas” brochure to educate the public about discharges from pools, spas, and fountains. The brochure is available on the Watershed Watch Campaign website at <http://www.mywatershedwatch.org/wp-content/uploads/poolsbro.pdf> and also distributed at outreach events by SCVURPPP.
- City staff responds to discharges from pools through our illicit discharge detection and elimination program.
- The City of Mountain View requires all regulated projects to discharge pools, spas, and fountain water to the sanitary sewer.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

During FY 15-16, the City did not respond to any incidents related to copper-containing discharges from pools, spas, and fountains.

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

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

Summary:

The City’s Industrial and Commercial inspection program is described in Section 4 of this report. Inspections of the automotive facilities and industrial facilities are the types of facilities that may be a potential source of copper. There are two facilities categorized as Metal Finishers under the Code of Federal Regulations. Both facilities have lab scale plating processes that are performed inside a laboratory with no outdoor exposure. Only one of the metal finishing facilities works with copper in the plating process. The other metal finishing facility does not store or use copper-bearing materials. During FY 15-16, there were no violations identified during facility inspection or actions specifically taken to reduce copper potential discharge from industrial or commercial facilities.

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:

The Public Services Division of the City’s Public Works Department implements a water conservation program that includes business and residential audit programs, rebate programs, and comprehensive outreach and information about water-wise gardening and water conservation practices. The City promotes a Santa Clara Valley Water District program that offers rebates for residents and businesses that convert turf landscape to water-efficient landscape. The City also includes conditions on new development projects that require landscape design to minimize runoff, and to incorporate efficient irrigation in the landscape plan. During FY 2015-2016, the City continued implementation of its Water Conservation and Landscaping Ordinance that is enforced to reduce water usage by regulating new construction. City staff provides water conservation and less toxic pest control information at public events, and information is available on the City of Mountain View’s website. The City’s Utilities Division also responds to over-watering complaints. City inspectors also continue to look for large volume irrigation discharges during commercial/industrial inspections. No incidents were observed during FY 15-16.

The City promotes less toxic pest control and appropriate irrigation practices through its participation in SCVURPPP, including the Watershed Watch Campaign described in the C.7. Public Information and Outreach section, and the IPM Store Partnership and Green Gardener Training Programs described in the C.9. Pesticide Toxicity Control section of SCVURPPP’s FY 14-15 Annual Report.

Additional information related to efforts to control irrigation runoff is included in the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the City and SCVURPPP’s FY 15-16 Annual Reports as needed.

ATTACHMENT C

Appendix - Table of Contents

Section 3 – Provision C.3 New Development and Redevelopment

Appendix 3-1: Special Project Narrative Discussions

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

Appendix 4-1: C.4.b.iii.(1) - Potential Facilities List
C.4.b.iii.(b) - Facilities Scheduled for Inspection

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

Appendix 5-1: C.5.b.ii(4) - IDDE Incident, Enforcement, and Source Summary

Section 9 – Provision C.9 Pesticides Toxicity Controls

Appendix 9-1: C.9.b - Number of Different Pesticide Products Used
Appendix 9-2: C.9.b - Quantity of Pesticides Applied
Appendix 9-3: C.9.b - Quantity of Active Ingredients Applied
Appendix 9-4: C.9.b - Pesticides of Concern, FY 11-12 Usage
Appendix 9-5: C.9.d – IPM contract section for golf course operation

List of Acronyms

3. Narrative Discussion of LID Feasibility or Infeasibility

Pillar Group Apartments at 250-608 San Antonio Rd.

1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

The project will include a large underground parking garage underneath the structure that almost encompasses the entire site, and the project is located in an area with clay soils, so infiltration is infeasible. Harvesting/reuse is infeasible due to insufficient demand.

2. Feasibility/Infeasibility of Onsite LID Treatment

Review of the project for feasibility and infeasibility of LID onsite treatment was completed. The results of this review showed that it was infeasible to treat the entire C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** The site is proposed to be located in a high density development area and will include underground parking for the entire site. The impervious surfaces aboveground are divided into drainage areas, and a portion of the site can be drained to biotreatment facilities.
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** Aside from minor landscaping on the site, there are no self-treating or self-retaining areas proposed for the project.
 - c. **Maximizing Flow to LID Features and Facilities.** The limited area of landscaping available for design and construction of biotreatment facilities is the primary constraint to maximizing flow to the LID treatment control.
 - d. **Constraints to Providing On-site LID.** Most of the site will be underground parking that would have a podium with apartment buildings constructed on the podium. During development of detailed plans the City will work with the developer to maximize the use of LID controls, including the proposed biotreatment facility and flow-through planters. The drainage management areas that are proposed to drain to vault-based high flow rate media filters include some areas that are from roof and plaza areas above the podium that are too large to drain to LID controls. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. Impervious paved areas: Roof and plaza drainage above a parking garage and podium deck.
 - ii. Landscaped areas:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. Only a small portion of the site will be outside the parking garage and available for biotreatment facilities.
 - Possible conflict with subsurface utilities may provide a constraint for the biotreatment facility.
3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
- i. There are no privately owned areas within the watershed that can be used for off-site biotreatment facilities.
 - ii. There are no regional LID stormwater mitigation programs available to the project for in-lieu C.3 compliance.

3. Narrative Discussion of LID Feasibility or Infeasibility

EFL Apartment Building at 500 Ferguson.

1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

The project will include a large underground parking garage underneath the structure that almost encompasses the entire site, and the project is located in an area with clay soils and known soil contamination, so infiltration is infeasible. Harvesting/reuse is infeasible due to insufficient demand.

2. Feasibility/Infeasibility of Onsite LID Treatment

Review of the project for feasibility and infeasibility of LID onsite treatment was completed. The results of this review showed that it was infeasible to treat the entire C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** The site is proposed to be located in a high density development area and will include underground parking for a large portion of the site. The impervious surfaces aboveground are divided into drainage areas, and some of the drainage areas can be directed to biotreatment facilities.
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** Aside from minor landscaping on the site, there are no self-treating or self-retaining areas proposed for the project.
 - c. **Maximizing Flow to LID Features and Facilities.** The limited area of landscaping available for design and construction of biotreatment facilities is the primary constraint to maximizing flow to the LID treatment control.
 - d. **Constraints to Providing On-site LID.** Most of the site will be underground parking that would have a podium with apartments constructed on the podium. During development of detailed plans the City will work with the developer to maximize the use of LID controls, including the proposed biotreatment facility and flow-through planters. The drainage management areas that are proposed to drain to vault-based high flow rate media filters include some areas that are from roof and plaza areas above the podium that are too large to drain to LID controls. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. Impervious paved areas: Roof and plaza drainage above a parking garage and podium deck.
 - ii. Landscaped areas:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. Only a small portion of the site will be outside the parking garage and available for biotreatment facilities.
 - Possible conflict with subsurface utilities may provide a constraint for the biotreatment facility.
 - Contaminated soils at the location will impact the design of the biotreatment systems.
3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
- i. There are no privately owned areas within the watershed that can be used for off-site biotreatment facilities.
 - ii. There are no regional LID stormwater mitigation programs available to the project for in-lieu C.3 compliance. Off-site treatment of a public street may be considered if adequate on-site treatment cannot be provided.

3. Narrative Discussion of LID Feasibility or Infeasibility

Mixed Use Project at 599 Castro St.

1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

The Category C project will include an underground parking garage underneath a commercial office building and residential building that almost encompasses the entire site, and the project is located in an area with clay soils, so infiltration is infeasible. Harvesting/reuse is infeasible due to insufficient demand. The project is located within a half mile of the CalTrain/Light Rail/Bus Hub on Evelyn Avenue.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project was reviewed for feasibility and infeasibility of LID onsite treatment. The results of this review showed that it was infeasible to treat the entire C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** The site is proposed to be located in a high density development area and will include underground parking for most of the site. The impervious surfaces aboveground are divided into drainage areas, and roof drainage areas can be directed to biotreatment facilities (flow-through planters).
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** Aside from minor landscaping on the site, there are no self-treating or self-retaining areas proposed for the project.
 - c. **Maximizing Flow to LID Features and Facilities.** The limited area of landscaping available for design and construction of biotreatment facilities is the primary constraint to maximizing flow to the LID treatment control.
 - d. **Constraints to Providing On-site LID.** Most of the site will be underground parking that would have a podium with condominiums constructed on the podium. The drainage management areas that are proposed to drain to vault-based high flow rate media filters include some areas that are from roof and plaza areas above the podium that are too large to drain to LID controls. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. Impervious paved areas: Roof and plaza drainage above a parking garage and podium deck.
 - ii. Landscaped areas:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. Only a small portion of the site will be outside the parking garage and available for biotreatment facilities.
 - Possible conflict with subsurface utilities may provide a constraint for the biotreatment facility.
3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
- i. There are no privately owned areas within the watershed that can be used for off-site biotreatment facilities.
 - ii. There are no regional LID stormwater mitigation programs available to the project for in-lieu C.3 compliance. Off-site treatment of a public street may be considered if adequate on-site treatment cannot be provided.

3. Narrative Discussion of LID Feasibility or Infeasibility

Mixed Use Project at 881 Castro St.

1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

This potential Category A project will include an underground parking garage underneath a retail or office on lower floor mixed with residential units that almost encompasses the entire site, and the project is located in an area with clay soils, so infiltration is infeasible. Harvesting/reuse is infeasible due to insufficient demand.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project was reviewed for feasibility and infeasibility of LID onsite treatment. The results of this review showed that it was infeasible to treat the entire C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** The site is proposed to be located in a high density development area and will include underground parking for most of the site. The impervious surfaces aboveground are divided into drainage areas, and roof drainage areas can be directed to biotreatment facilities (flow-through planters).
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** Aside from minor landscaping on the site, there are no self-treating or self-retaining areas proposed for the project.
 - c. **Maximizing Flow to LID Features and Facilities.** The limited area of landscaping available for design and construction of biotreatment facilities is the primary constraint to maximizing flow to the LID treatment control.
 - d. **Constraints to Providing On-site LID.** Most of the site will be underground parking that would have a podium with condominiums constructed on the podium. The drainage management areas that are proposed to drain to vault-based high flow rate media filters include some areas that are from roof and plaza areas above the podium that are too large to drain to LID controls. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. Impervious paved areas: Roof and plaza drainage above a parking garage and podium deck.
 - ii. Landscaped areas:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. Only a small portion of the site will be outside the parking garage and available for biotreatment facilities.
 - Possible conflict with subsurface utilities may provide a constraint for the biotreatment facility.
3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
- i. There are no privately owned areas within the watershed that can be used for off-site biotreatment facilities.
 - ii. There are no regional LID stormwater mitigation programs available to the project for in-lieu C.3 compliance. Off-site treatment of a public street may be considered if adequate on-site treatment cannot be provided.

3. Narrative Discussion of LID Feasibility or Infeasibility

Condominium Project at 1101 W. El Camino Real

1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

The Category B project will include an underground parking garage underneath a structure that almost encompasses the entire site, and the project is located in an area with clay soils, so infiltration is infeasible. Harvesting/reuse is infeasible due to insufficient demand.

2. Feasibility/Infeasibility of Onsite LID Treatment

The originally proposed plan attempted to provide LID treatment for the entire site. During the building plan review phase, the project engineer encountered space and utility conflicts that prevented treatment of the plaza area in LID treatment areas. Review of the project for feasibility and infeasibility of LID onsite treatment was completed. The results of this review showed that it was infeasible to treat the entire C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** The site is proposed to be located in a high density development area and will include underground parking for most of the site. The impervious surfaces aboveground are divided into drainage areas, and roof drainage areas can be directed to biotreatment facilities (flow-through planters).
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** Aside from minor landscaping on the site, there are no self-treating or self-retaining areas proposed for the project.
 - c. **Maximizing Flow to LID Features and Facilities.** The limited area of landscaping available for design and construction of biotreatment facilities is the primary constraint to maximizing flow to the LID treatment control.
 - d. **Constraints to Providing On-site LID.** Most of the site will be underground parking that would have a podium with condominiums constructed on the podium. The drainage management areas that are proposed to drain to vault-based high flow rate media filters include some areas that are from roof and plaza areas above the podium that are too large to drain to LID controls. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. Impervious paved areas: Roof and plaza drainage above a parking garage and podium deck.
 - ii. Landscaped areas:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. Only a small portion of the site will be outside the parking garage and available for biotreatment facilities.
 - Possible conflict with subsurface utilities may provide a constraint for the biotreatment facility.
3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
- i. There are no privately owned areas within the watershed that can be used for off-site biotreatment facilities.
 - ii. There are no regional LID stormwater mitigation programs available to the project for in-lieu C.3 compliance. Off-site treatment of a public street may be considered if adequate on-site treatment cannot be provided.

Appendix 4-1

C.4.c.iii.(1) – Potential Facilities List

C.4.c.iii.(2) – Facilities Scheduled for Inspection

This Appendix includes lists of facilities that could reasonably be considered to cause or contribute to pollution of stormwater runoff. The attachment includes separate lists for different business categories that could be queried from the City's database. The different business categories and the inspection frequencies for each category are listed below:

1. Automotive facilities – Annual
2. Industrial pretreatment facilities – Annual
3. Machine shops – Annual
4. Food service facilities – Biennially
5. Construction yards, dry cleaners, lumber yards, corporation yards, paint facilities, and pesticide facilities - Biennially

Automotive Facilities

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
702	975 Bay Street	Family Thrifty Car Wash, Inc.	Automotive (Car Wash)
1013	1299 Bryant Avenue	MV/LA Union High School District (B...	Automotive (Vehicle Svce)
1184	190 Calderon Avenue	North Star Auto Tech dba No. Star Corp...	Automotive (Vehicle Svce)
1294	2620 California Street	O'Reilly Auto Parts #2553	Automotive (Auto Part Sales)
1020	1175 Castro Street	Mountain View Whisman School District	Automotive (Vehicle Svce)
1022	890 Central Avenue	Young's Automotive Service	Automotive (Vehicle Svce)
739	160 Cuesta Drive	CMV - Fire Station #2	Automotive (Vehicle Svce), Government
1216	705 Dana Street West Unit B	GTS Auto Center, Inc.	Automotive (Vehicle Svce)
705	101 El Camino Real East	Mountain View Alliance	Automotive (Vehicle Svce), Automotive (Gas
747	120 El Camino Real East	BMW of Mountain View	Automotive (Vehicle Svce), Automotive (Car
1312	150 El Camino Real East	BMW of Mountain View	Automotive (Vehicle Svce), Automotive
738	160 El Camino Real East	BMW of Mountain View-CPO	Automotive (Vehicle Svce), Automotive (Car
1239	160 El Camino Real East Roof	Dent Wizard International	Automotive (Body Repair)
1269	170 El Camino Real East	O'Reilly Auto Parts #2591	Automotive (Auto Part Sales)
735	790 El Camino Real East	Americana Shell #142	Automotive (Gas Station), Automotive (Car
1086	1141 El Camino Real West	Jiffy Lube #2342	Automotive (Vehicle Svce)
1087	1288 El Camino Real West	Mountain View Shell #143	Automotive (Vehicle Svce), Automotive (Gas
1279	1288 El Camino Real West	Pedro's Auto Clinic	Automotive (Body Repair)
1089	1544 El Camino Real West	A-I Foreign Auto	Automotive (Vehicle Svce), Automotive (Auto
746	1901 El Camino Real West	Hertz Rent-A-Car Local Edition	Automotive (Automotive Rental), Automotive
1313	1915 El Camino Real West	O'Reilly Auto Parts #3525	Automotive (Auto Part Sales)
707	2080 El Camino Real West	Family Thrifty Car Wash, Inc.	Automotive (Car Wash)
1076	215 El Camino Real West	Midas	Automotive (Vehicle Svce), Retail Sales
709	2690 El Camino Real West	Lozano Car Wash, Inc.	Automotive (Car Wash)
1072	45 El Camino Real West	Chevron USA #9-0699	Automotive (Vehicle Svce), Automotive (Gas
1073	59 El Camino Real West	Silicon Valley Valero #7864	Automotive (Vehicle Svce), Automotive (Gas
1074	62 El Camino Real West	U-Haul of Mountain View	Automotive (Vehicle Svce)
1083	845 El Camino Real West	Mountain View Auto Repair, Inc.	Automotive (Vehicle Svce)
1111	1010 El Monte Avenue	El Monte Chevron Site #376375	Automotive (Vehicle Svce), Automotive (Gas

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
1224	117 Evelyn Avenue East	Mercedes Service of Mountain View	Automotive (Vehicle Svce)
1112	151 Evelyn Avenue East Unit A1	MPG Auto Service	Automotive (Vehicle Svce)
1484	151 Evelyn Avenue East Unit B	Joe's Foreign Car	Automotive (Vehicle Svce)
737	177 Evelyn Avenue East	Caliber Collision Centers - South Mountain View	Automotive (Body Repair)
1120	789 Evelyn Avenue East	Evelyn 76	Automotive (Gas Station)
1121	181 Evelyn Avenue West Unit A	The Car Clinic	Automotive (Vehicle Svce)
1122	191 Evelyn Avenue West	Felix's Auto Service, Inc.	Automotive (Vehicle Svce)
1131	727 Evelyn Avenue West	Depot Garage	Automotive (Vehicle Svce)
1146	1220 Grant Road	Grant Road Gas & Auto Care, LLC	Automotive (Vehicle Svce), Automotive (Gas)
1151	750 Independence Avenue	Independence Auto Body	Automotive (Body Repair)
712	1235 L'Avenida	Santa Clara Valley Transportation Authority	Automotive (Vehicle Svce)
1159	1968 Leghorn Street	Kevin's Auto Repair	Automotive (Vehicle Svce)
1344	1968 Leghorn Street	Bill's Towing Service	Automotive (Vehicle Towing)
714	2195 Leghorn Street	Metropolitan Van & Storage, Inc.	Automotive (Vehicle Svce)
1483	2526 Leghorn Street	Larry's Auto Works, Inc. (Bldg. Mgmt. Co.)	Automotive (Vehicle Svce)
736	2526 Leghorn Street Unit A	Perfection Auto Detail	Automotive (Car Wash)
1252	2566 Leghorn Street Unit B	BTN Automotive	Automotive (Vehicle Svce)
1166	2570 Leghorn Street Unit 1	Expert Auto Care	Automotive (Vehicle Svce)
1332	2570 Leghorn Street Unit 2	Silicon Valley Performance	Automotive (Vehicle Svce)
1410	2570 Leghorn Street Unit C	Steve Weiss Enterprises	Automotive (Vehicle Svce)
1208	830 Leong Drive	Mountain View Flyers	Automotive (Vehicle Svce), Automotive (Gas)
1346	830 Leong Drive Unit A	JC Maintenance & Mufflers	Automotive (Vehicle Svce)
1512	941 Linda Vista Avenue Unit B	Mark Merrill	Automotive (Vehicle Svce)
1573	2554 Middlefield Road West	Bay Area Performance Cycles, Inc.	Automotive (Vehicle Svce), Metal Fab.
1246	1708 Miramonte Avenue	Miramonte Shell #141	Automotive (Gas Station)
1245	810 Miramonte Avenue	Shoreline Auto Care	Automotive (Vehicle Svce)
716	243-251 Moffett Blvd.	Pan American Collision Center	Automotive (Body Repair)
742	495 Moffett Blvd.	Moffett Valero	Automotive (Gas Station), Automotive (Car)
1035	1900 Old Middlefield Way Unit C	All Automotive	Automotive (Vehicle Svce)

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
1393	1900 Old Middlefield Way Unit D	Autobahn Motorsport Haus	Automotive (Vehicle Svce)
1278	1900 Old Middlefield Way Unit E	AA Motorworks	Automotive (Vehicle Svce)
1007	1905 Old Middlefield Way	Mountain View Radiator	Automotive (Vehicle Svce)
1253	1932 Old Middlefield Way	Mountain View Body Shop	Automotive (Body Repair)
1179	1950 Old Middlefield Way	Rich's Tire Service	Automotive (Vehicle Svce)
750	2025A,B/2029 Old Middlefield Way	Caliber Collision Centers - Palo Alto	Automotive (Car Wash)
1365	2037 Old Middlefield Way	Dean's Automotive	Automotive (Vehicle Svce)
1211	2145 Old Middlefield Way	The Dent Doctor	Automotive (Body Repair)
1292	2145 Old Middlefield Way Unit A	Dave's Body Shop Auto Detailing	Automotive (Body Repair)
1137	2171 Old Middlefield Way	Service King Paint & Body, LLC	Automotive (Body Repair)
1103	2189 Old Middlefield Way	Bay Muffler	Automotive (Vehicle Svce)
1297	2232 Old Middlefield Way	Dinan Corp	Automotive (Vehicle Svce)
1401	2235 Old Middlefield Way Unit A	Edge Motorworks, Inc.	Automotive (Vehicle Svce)
1255	2235 Old Middlefield Way Unit G	Quik Smog	Automotive (Vehicle Svce)
1181	2235 Old Middlefield Way Unit H,J&K	United Collision Center, Inc.	Automotive (Body Repair)
1391	2239 Old Middlefield Way Unit E/F	Israel's Tire & Alignment	Automotive (Vehicle Svce)
1193	2239 Old Middlefield Way Unit I	All VW Shop & Japanese Full Auto Ser	Automotive (Vehicle Svce)
1119	2247 Old Middlefield Way Unit B	Lou's Automotive	Automotive (Vehicle Svce)
1314	2319 Old Middlefield Way	Magnussen Toyota of Mountain View	Automotive (Vehicle Svce)
1355	2362 Old Middlefield Way Unit B-1	Takahashi Automotive, Inc.	Automotive (Vehicle Svce)
1273	2362 Old Middlefield Way Unit B-2	Garage One Subaru Workshop	Automotive (Vehicle Svce)
1281	2362 Old Middlefield Way Unit B-3	Heyer Performance	Automotive (Vehicle Svce)
717	2378 Old Middlefield Way	Silicon Wave Properties LLC dba SV Express Car Wash	Automotive (Car Wash)
1304	2400 Old Middlefield Way	Service King Paint & Body, LLC	Automotive (Body Repair)
1450	2415 Old Middlefield Way Unit A&B	Independence Car Service	Automotive (Vehicle Svce)
1174	2415 Old Middlefield Way Unit C&D	Euro Auto Center	Automotive (Vehicle Svce)
1308	2423 Old Middlefield Way Unit D	Griffin's Auto Repair	Automotive (Vehicle Svce)
719	2452 Old Middlefield Way	Budget Car & Truck Rental	Automotive (Vehicle Svce), Automotive (Car Wash)
1154	2455 Old Middlefield Way Unit A	Euro Quattro	Automotive (Vehicle Svce)

CITY OF MOUNTAIN VIEW FIRE AND ENVIRONMENTAL PROTECTION DIVISION

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
1311	2490 Old Middlefield Way	California BMW	Automotive (Vehicle Svce)
1152	2520 Old Middlefield Way	Mountain View Auto and Truck	Automotive (Vehicle Svce)
1291	2536 Old Middlefield Way	B & L Auto Repair	Automotive (Vehicle Svce)
1335	130 Pioneer Way	King's Body Shop	Automotive (Body Repair)
1034	130 Pioneer Way	D & A Garage	Automotive (Vehicle Svce)
1162	15 Pioneer Way	Sunnyvale Foreign Car Service, Inc.	Automotive (Vehicle Svce)
1030	81 Pioneer Way	Yarnell's Service Center, Inc.	Automotive (Vehicle Svce)
1038	83 Pioneer Way Unit A&B	Advanced Auto Repair Center, Inc. (Bl	Automotive (Body Repair)
1127	89 Pioneer Way Unit D	A-1 Auto Tech Inc.	Automotive (Vehicle Svce)
721	110 Rengstorff Avenue North	Rengstorff Shell #144	Automotive (Gas Station), Automotive (Car
743	301 Rengstorff Avenue North	CMV - Fire Station #3	Automotive (Vehicle Svce), Government
1360	584 Rengstorff Avenue North	Mountain View Valero #7542	Automotive (Vehicle Svce), Automotive (Gas
1187	584 Rengstorff Avenue North	Pacific Smog Tech	Automotive (Vehicle Svce)
1107	826 Rengstorff Avenue North	Driven Auto Care, Inc.	Automotive (Vehicle Svce)
733	230 RT Jones Road	Moffett AFRC	Automotive (Car Wash)
1373	334 San Antonio Road	San Antonio Valero #7230	Automotive (Vehicle Svce), Automotive (Gas
722	924 San Rafael Avenue	El Camino Paving, Inc.	Automotive (Vehicle Svce),
749	2195 Shoreline Blvd. North	CMV - Fire Station #5	Government Building, Automotive (Car Wash)
1260	2608 Shoreline Blvd. North	CMV - Shoreline Golf Links	Pesticide Facility, Automotive (Vehicle Svce)
740	2612 Shoreline Blvd. North	CMV - Shoreline Maintenance	Automotive (Vehicle Svce), Pesticide Facility
1390	790 Shoreline Blvd. North	Mountain View Arco	Automotive (Gas Station), Automotive (Vehicle
1298	790 Shoreline Blvd. North	Peninsula Auto Repair	Software, Automotive (Vehicle Svce)
724	807 Shoreline Blvd. North	Shoreline Shell #59	Automotive (Gas Station), Automotive (Car
725	808 Shoreline Blvd. North	Bill Bailey Chevron #9-6377	Automotive (Gas Station), Automotive (Car
741	251 Shoreline Blvd. South	CMV - Fire Station #1	Automotive (Vehicle Svce), Government
1407	555 Showers Drive	Wheel Works #8218	Automotive (Vehicle Svce)
723	466 Stierlin Road	Clearwater Carwash	Automotive (Car Wash)
726	935 Terra Bella Avenue	Recology Mountain View	Automotive (Vehicle Svce)
1320	230 Villa Street	Auto Headquarter	Automotive (Vehicle Svce)

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
744	229 Whisman Road North	CMV - Fire Station #4	Automotive (Vehicle Svce), Government
1551	231 Whisman Road North	CMV - Fleet Services Division	Corporation Yard, Automotive (Vehicle Svce),
728	231 Whisman Road North	CMV - Utilities Division	Automotive (Vehicle Svce), Corporation Yard
1447	310 Whisman Road North	Rotten Robbie-4	Automotive (Gas Station)
729	2513 Wyandotte Street	O'Grady Paving Inc.	Automotive (Vehicle Svce),
1361	2520 Wyandotte Street Unit G	Helming's Auto Repair	Automotive (Vehicle Svce)
1026	2599 Wyandotte Street Unit A	Custom Alignment	Automotive (Vehicle Svce)
1065	2599 Wyandotte Street Unit B	Modderman Service, Inc.	Automotive (Vehicle Svce)
1090	770 Yuba Drive	Corporate Auto Works	Automotive (Vehicle Svce)
1467	778 Yuba Drive	Autobahn Body & Paint	Automotive (Body Repair)
730	785 Yuba Drive	Bosco Oil, Inc. dba Valley Oil Co.	Automotive (Vehicle Svce)
1240	790 Yuba Drive	Valley Oil Co.	Automotive (Vehicle Svce)

Industrial Pretreatment Facilities

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge EPA Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Category
556	1 Amphitheatre Parkway	Shoreline Amphitheatre	Non-EPA Non-SIU
604	2400 Bayshore Parkway	Verily Life Sciences, LLC	Non-EPA Non-SIU
603	2450 Bayshore Parkway	Verily Life Sciences, LLC	Non-EPA Non-SIU
558	291 Bernardo Avenue North	Progenitor Cell Therapy, LLC	Non-EPA Non-SIU
563	319 Bernardo Avenue North	MedImmune	Non-EPA Non-SIU
594	350 Bernardo Avenue North	Edison Pharmaceuticals, Inc.	Non-EPA Non-SIU
599	2000 Charleston Road Bldg. 12	Google, Inc.	Metal Finishing/Metal
601	415 Clyde Avenue Unit 102-104	Applied NanoStructures, Inc.	Metal Finishing/Metal
566	630 Clyde Court	Hitachi Chemical Diagnostics, Inc.	Non-EPA Non-SIU
1358	475 Ellis Street	Google, Inc.	Non-EPA Non-SIU
600	2480 Grant Road	El Camino Hospital - Willow Pavilion	Non-EPA Non-SIU
535	2500 Grant Road	El Camino Hospital	Non-EPA Non-SIU
583	850 Maude Avenue	ChemoCentryx	Non-EPA Non-SIU
524	685 Middlefield Road East	Siemens Business Unit Ultrasound	Non-EPA Non-SIU
1053	1000 Rengstorff Avenue North	Costco Wholesale #143	Non-EPA Non-SIU
749	2195 Shoreline Blvd. North	CMV - Fire Station #5	Non-EPA Non-SIU
546	3070 Shoreline Blvd. North	CMV - Mountain View Landfill	Non-EPA SIU (> 25K)
602	2011 Stierlin Court Bldg. 220	Google, Inc.	Non-EPA Non-SIU
589	2091 Stierlin Court	Alexza Pharmaceuticals	Non-EPA Non-SIU
532	1274 Terra Bella Avenue	Teledyne Microwave	Metal Finishing/Metal
580	1290 Terra Bella Avenue	Clontech Laboratories, Inc.	Non-EPA Non-SIU

Machine Shops

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
1234	2700 Broderick Way	Zee.Aero	Machine Shop
1204	2288 Charleston Road Bldg. 48	Space Systems/Loral, LLC	Machine Shop, Electronics Mfg.
1506	1904 Colony Street	Givmar, Inc.	Machine Shop
1066	100 Kittyhawk Way	EKG Precision Machining	Machine Shop
1256	2585 Leghorn Street	CSA Engineering, Inc. Div of Moog, Inc	Machine Shop, Electronics Testing
1307	1340 Middlefield Road West Bldg. 50	Space Systems/Loral, LLC	Machine Shop
1172	355 Pioneer Way	Lenz Technology, Inc.	Machine Shop
1584	264 Polaris Avenue	Torque-A-Matic Precision Machining	Machine Shop
1352	275 Polaris Avenue	Squaglia Mfg.	Machine Shop
1565	1033 Wright Avenue	C.K. Tool Company, Inc.	Machine Shop
1379	1059 Wright Avenue Unit A	Lassen High Vacuum , Inc.	Machine Shop
1345	2580 Wyandotte Street Unit D	D.P. Precision	Machine Shop

Food Service Facilities

Business Name	Site Address Number	Site Address Street
99 Ranch	1350	Grant Road
Ada's Cafe	1954	Old Middlefield Way
Agave	194/198	Castro Street
Alexander's Patisserie	209	Castro Street
Amarin Thai Cuisine	174-176	Castro Street
Amber Cafe	600	El Camino Real West
Amici's Restaurant	790	Castro Street
Asian Box	142	Castro Street
Ava's Downtown Market	340	Castro Street
Bajji's Cafe	2423	Old Middlefield Way
Bamboo Garden Restaurant	108	Rengstorff Avenue North
Bangkok Spoon Thai Cuisine	702	Villa Street
Bank of America	384	San Antonio Road
Bierhaus	383	Castro Street
Big Bites	570	Shoreline Blvd. North
Burger King #4913	177	El Camino Real East
Bushido	156	Castro Street
Cafe Baklava	341	Castro Street
California BBQ	1350	Pear Avenue
Carl's Jr.	209	Middlefield Road East
Casa Lupe Mexican Restaurant	459	Castro Street
Cascal	400	Castro Street
Chaat Indian Vegetarian Restaurant	163-167	El Camino Real East
Chef Xue Restaurant	855	El Camino Real West
Chef Zhao Bistro	400	Moffett Blvd.
Chennai Kings	856	El Camino Real West
Chez TJ	938	Villa Street
Chili's Grill & Bar	2560	El Camino Real West
China Cafe	1760	Miramonte Avenue
China Wok Restaurant	2633	California Street
Chipotle Mexican Grill, Inc.	1039	El Monte Avenue
Chipotle Mexican Grill, Inc.	2400	Charleston Road
Clarke's Charcoal Broiler	615	El Camino Real West
CMV - Silicon Shores Corp	3160	Shoreline Blvd. North
Cocina Central Restaurant	2590	El Camino Real West
Cooking Papa	1962	El Camino Real West
Costco Wholesale #143	1000	Rengstorff Avenue North
Cucina Venti	1390	Pear Avenue
Dickey's BBQ	570	Shoreline Blvd. North
Domino's Pizza	1711	El Camino Real West
Dong Lai Shun	545	San Antonio Road
Donut Basket	2105	Old Middlefield Way
Doppio Zero	160	Castro Street
Drunken Lobster	212	Castro Street
El Chalateco	825	El Camino Real East
El Paso Cafe	1407	El Camino Real West
Ephesus Mediterranean Cuisine	185	Castro Street
Eureka!	191	Castro Street
Falafel & Kebab	1477	Plymouth Street
Fast Pizza	327	Moffett Blvd.
Fiesta Del Mar Too	735	Villa Street

Five Guys Burgers	2098	El Camino Real West
Fortuna Market	889	Leong Drive
Frankie, Johnnie & Luigi Tc	939	El Camino Real West
Fu Lam Mum	153	Castro Street (1st & 2nd Flrs)
Garden Fresh Vegetarian R	1245	El Camino Real West
Gochi Japanese Tapas	1943	El Camino Real West
Goldilocks Consolidated Cc	1020	Rengstorff Avenue North
Google, Inc.	1585	Charleston Road
Google, Inc.	313	Fairchild Drive
Google, Inc.	323	Fairchild Drive
Google, Inc.	1900	Charleston Road
Google, Inc.	389	Whisman Road North
Google, Inc.	369	Whisman Road North
Google, Inc.	1015	Joaquin Road
Google, Inc.	1200	Crittenden Lane
Google, Inc.	1950	Charleston Road
Google, Inc.	1600	Amphitheatre Parkway
Google, Inc.	1400	Crittenden Lane
Google, Inc.	1500	Crittenden Lane
Google, Inc.	2015	Stierlin Court
Google, Inc.	2350	Bayshore Parkway
Google, Inc.	1545	Charleston Road
Google, Inc.	2025	Garcia Avenue
Google, Inc.	1965	Charleston Road
Google, Inc.	1225	Charleston Road
Google, Inc.	468	Ellis Street
Google, Inc.	1350	Charleston Road
Google, Inc.	1500	Salado Drive
Google, Inc.	1625	Charleston Road
Google, Inc.	900	Alta Avenue
Google, Inc.	515	Ellis Street
Google, Inc.	2000	Charleston Road
Google, Inc.	1230	Shorebird Way
Google, Inc.	1255	Pear Avenue
Google, Inc.	1365	Shorebird Way
Google, Inc.	700	Middlefield Road East
Google, Inc.	1101	Maude Avenue
Google, Inc.	1201	Charleston Road
Google, Inc. - The Rails	100	Mayfield Avenue
Google, Inc.	1300	Crittenden Lane
Google, Inc.	1220	Charleston Road
Guru Katsu	1711	El Camino Real West
Hanabi Japanese Restaurant	1040	Rengstorff Avenue North
Hanamaru Corporation db	240	Castro Street
Hangen Szechuan Restaurant	134	Castro Street
Happi House Teriyaki	286	El Camino Real West
Himalayan Kitchen	820	El Camino Real East
Hon Sushi	1477	Plymouth Street
Hong Kong Bakery	210	Castro Street
Hong Kong Bistro	147	Castro Street
Hunan Homes Express (Spr	530	Showers Drive
In-N-Out Burger #129	1159	Rengstorff Avenue North

In-N-Out Burger #152	53	El Camino Real West
Intuit	2750	Coast Avenue
I-San House, Inc.	903	El Camino Real East
Iskcon of Silicon Valley	1965	Latham Street
Izzo	246	Castro Street
Jack In The Box	200	El Camino Real West
Jack In The Box #3425	510	Shoreline Blvd. North
Jennifer Taqueria	1929	Latham Street
Jersey Mike's Subs	634	San Antonio Road
JL Produce	311	Moffett Blvd.
J-Love Burger	236	Castro Street
Joy Sushi	225	Middlefield Road East
Kentucky Fried Chicken	696	El Camino Real West
KFC/Long John Silver	2603	Charleston Road
Kirin Chinese Restaurant	485	Castro Street
Kolbeh Restaurant	1414	El Camino Real West
Krispy Kreme	2146	Leghorn Street
Krung Thai	590	Showers Drive
Kumino Noodle & Rice	580	Rengstorff Avenue North
L & L Hawaiian BBQ	2430	Charleston Road
La Cabana Pupuseria & Do	1910	El Camino Real West
La Costena	235	Middlefield Road East
La Espuela Mexican Food	854	Dana Street West
La Espuela Mexican Food	89	El Camino Real West
La Fiesta Restaurant	240	Villa Street
La Fontaine	186	Castro Street
La Salsa Fresh Mexican Gri	660	San Antonio Road
Las Muchachas Restaurant	2483	Old Middlefield Way
Le Petit Bistro	1405	El Camino Real West
LinkedIn Corporation	2051	Stierlin Court
Little Caesar's	638	San Antonio Road
Little Chef Asian Kitchen	2105	Old Middlefield Way
Little Sheep Mongolian Ho	102	Castro Street
Los Altos Taqueria, LLC	2105	Old Middlefield Way
Los Portales Mexican Cuisi	430	Moffett Blvd.
Lucky Chinese Food	1040	Grant Road
Luu Noodle House	520	Showers Drive
Maldonado's Pizza	615	Rengstorff Avenue South
Marchant Kitchens	2330	Old Middlefield Way
Mario's Pizza & Italian Res	861	Leong Drive
Maru Ichi Noodle House	368	Castro Street
Masa's Sushi	400	San Antonio Road
McDonald's Restaurant #0	952	El Monte Avenue
McDonalds Restaurant #1	1060	Rengstorff Avenue North
Mediterranean Grill House	650	Castro Street
Mercado Marlen	2512-2530	California Street
Mi Pueblo Food Center #2	40	Rengstorff Avenue South
Michael's Restaurant	2960	Shoreline Blvd. North
Microsoft	1065	L'Avenida
Momoya Sushi	570	Shoreline Blvd. North
Monte Carlo Night Club &	228	Castro Street
Monte Vista Terrace	1101	Grant Road

Morocco's Restaurant	873	Castro Street
Mountain Mike's Pizza	1724	Miramonte Avenue
Mountain View Buddhist T	575	Shoreline Blvd. North
Napoletana Pizzeria	1910	El Camino Real West
New Mongolian BBQ	304	Castro Street
New York Pizza	1040	Grant Road
Niji Sushi	743	Dana Street West
Nijiya Market	143-149	El Camino Real East
O'Malley's Sports Pub	2135	Old Middlefield Way
Ocha Tea Cafe	1350	Grant Road
Olympus Caffè & Bakery	135	Castro Street
Oren's Hummus Shop	126	Castro Street
Pacific Catch	545	San Antonio Road
Panda Expresss	1035	El Monte Ave
Panera Bread #4485	1035	El Monte Avenue
Papa John's Pizza	571	El Camino Real West
Park Balluchi	288	Castro Street
Passage To India	1991	El Camino Real West
Passage To India Bakery, N	1100	El Camino Real West
Paul Martin's American Gr	545	San Antonio Road
Pearl Tea & Coffee	506	Showers Drive
Pho Avenue	2500	El Camino Real West
Pho Hoa & Jazen Tea	220	Castro Street
Pho To Chau	853	Villa Street
Pizza My Heart	1037	El Monte Avenue
Queen House Chinese Rest	273	Castro Street
Ramen House Ryowa	859	Villa Street
Ramen Izakaya Yugen	152	Castro Street
Rengstorff Pho LLC	1020	Rengstorff Avenue North
Rincon Sabroso Restaurant	122	Rengstorff Avenue North
Ristorante Don Giovanni	235	Castro Street
Roger's Deli and Donuts	295	Middlefield Road East
Round Table Pizza	570	Shoreline Blvd. North
Rumble Fish	357	Castro Street
Safeway Store #0705	570	Shoreline Blvd. North
Safeway Store #1108	1750	Miramonte Avenue
Safeway Store #2948	645	San Antonio Road
Sajj Mediterranean Grill	2580	El Camino Real West
Sakoon	357	Castro Street
Samovar European Deli & i	1077	Independence Avenue
Samsung Research Americ	645	Clyde Avenue
Satsuma Japanese Restaur	705	El Camino Real East
Schumann's Four Seasons	2580	Wyandotte Street
Scratch Restaurant and Ba	401	Castro Street
Shabuway Restaurant	180	Castro Street
Shalala	698	Dana Street West
Shana Thai Restaurant	311	Moffett Blvd.
Shell Shock	124	Castro Street
Shezan Restaurant	216	Castro Street
Shiva's Indian Restaurant	800	California Street
Shoreline Amphitheatre	1	Amphitheatre Parkway
Simply Thai	425	Whisman Road North

Smug Mug	67	Evelyn Avenue East
Song Pa Korean Cuisine	841	Villa Street
Sprouts Farmers Market #:	630	San Antonio Road
Srasa Kitchen	292	Castro Street
Srasa Kitchen	225	Middlefield Road East
St. Stephen's Green	223	Castro Street
Steins Beer Garden	895	Villa Street
Sunny Bowl	1477	Plymouth Street
Sushi 85 Japanese Restaur:	1350	Grant Road
Sushi 88 / Ramen	506	Showers Drive
Sushi Tomi	635	Dana Street West
Sweet Tomatoes	1040	Grant Road
Synopsys, Inc.	690	Middlefield Road East
Taber Food Services, Inc. d	2312	Central Expressway
Taco Bell #16140	975	Shoreline Blvd. North
Taco Bell #3047	950	El Camino Real West
Taco Mania	2070	Old Middlefield Way
Tapioca Express	740-742	Villa Street
Taqueria 3 Hermanos	327	Moffett Blvd.
Taqueria La Bamba	580	Rengstorff Avenue North
Taqueria Margaritas	80	El Camino Real West
Teaspoon/Mervyn's Bar	236	Castro Street
The Counter Mountain Vie	2580	El Camino Real West
The Crepevine	300	Castro Street
The Grill Story	475	Castro Street
The Pizza Alliance 3, LLC dt	146	Castro Street
The Sports Page	1431	Plymouth Street
The Voya Restaurant	1390	Pear Avenue
Tied House Cafe & Brewer	954	Villa Street
Tommy Thai Express	1482	El Camino Real West
Una Mas Mexican Grill	1040	Grant Road
Vaso Azzurro	108	Castro Street
Veggie Garden	2464	El Camino Real West
Veggie Grill	565	San Antonio Road
Verde Tea Cafe	210	Hope Street
Verde Tea Cafe	852	Villa Street
Veritas Technologies, LLC	500	Middlefield Road East
Vive Sol	2020	El Camino Real West
Xanh Vietnamese Restaura	110	Castro Street
Yakko Japanese Cuisine	975	Dana Street West
Yam Leaf Bistro	699	Calderon Avenue
Zareen's	1477	Plymouth Street
Zee.Aero	2700	Broderick Way
Zume Pizza	250-254	Polaris Avenue

Construction yard, Dry Cleaners, Corporation Yards, Paint Facilities, and
Pesticide Facilities

**CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 9/26/2016

FacID	Facility Address	Facility Name	Local Categories
1518	2190 Crittenden Lane	A to Z / Tree Movers	Nursery,Pesticide Facility
1055	130 Dana Street East	ACCO Management/Avery	Construction/Building
1266	1049 El Monte Avenue Unit A	Blue Bird Cleaners	Dry Cleaner
1023	1350 Grant Road Unit 9	Axess Cleaners	Dry Cleaner
1501	1988 Leghorn Street Unit B/C	Shelton Roofing Co., Inc.	Construction/Building
1207	835 Leong Drive	Courtesy Cleaners & Drape, Inc.	Dry Cleaner
1247	1782 Miramonte Avenue	Blossom Valley Cleaners	Dry Cleaner
1156	750 Moffett Blvd.	PG&E - Whisman Substation	Corporation Yard
1113	Moffett Blvd. North of Hwy 101 (end of PG&E Road)	PG&E - Whisman Substation	Corporation Yard
1359	580 Rengstorff Avenue North Unit F	Green and Fresh Cleaners	Dry Cleaner
1362	1695 Rock Street	Mountain View Whisman School District	Corporation Yard
1371	225 San Antonio Road Suite 7,8	San Antonio Cleaners	Dry Cleaner
722	924 San Rafael Avenue	El Camino Paving, Inc.	Automotive (Vehicle Svce),
1260	2608 Shoreline Blvd. North	CMV - Shoreline Golf Links	Pesticide Facility,Automotive (Vehicle Svce)
740	2612 Shoreline Blvd. North	CMV - Shoreline Maintenance	Automotive (Vehicle Svce), Pesticide Facility
1165	975 Terra Bella Avenue	Waterproofing Associates	Construction/Building
1446	159 Whisman Road North	J & M Termite Control Inc.	Pesticide Facility
1552	231 Whisman Road North	CMV - Parks Division	Corporation Yard, Pesticide Facility
1551	231 Whisman Road North	CMV - Fleet Services Division	Corporation Yard, Automotive (Vehicle Svce),
728	231 Whisman Road North	CMV - Utilities Division	Automotive (Vehicle Svce), Corporation Yard
1550	231 Whisman Road North	CMV - Streets Division	Corporation Yard, Construction Building
1553	231 Whisman Road North	CMV - Facilities Division	Corporation Yard
1548	231 Whisman Road North Bldg. D	CMV - Purchasing Warehouse Division	Corporation Yard
729	2513 Wyandotte Street	O'Grady Paving Inc.	Automotive (Vehicle Svce),
1161	690 Yuba Drive	PG&E - Mountain View Substation	Corporation Yard
1182	780 Yuba Drive	Bill Peet Heating & Air Conditioning, Inc.	Construction/Building

Appendix 5-1

C.5.b.ii.(4) – IDDE Incident, Enforcement, and Source Summary

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
 Illicit Connection/Illegal Discharge Program
 IC/ID Incident Type Report between 7/1/2015 and 6/30/2016
 as of 8/22/2016

Type of Incident	Potential Source of Incident	Total
Abandoned drums discharge	Residential	1
Accidental spills	Commercial	4
Accidental spills	Industrial	1
Accidental spills	Residential	3
Complaint not found	Food Facilities	2
Complaint not found	Residential	3
Dumping - hazardous	Commercial	2
Dumping - non-hazardous	Commercial	2
Dumping - non-hazardous	Construction Sites	1
Dumping - non-hazardous	Food Facilities	1
Dumping - non-hazardous	Other/unknown	1
Dumping - non-hazardous	Public facilities and Utilities	1
Dumpster discharge	Commercial	3
Dumpster discharge	Food Facilities	2
Equipment cleaning	Commercial	1
Equipment cleaning	Food Facilities	4
Food Facility Oil & grease discharge	Commercial	1
Food Facility Oil & grease discharge	Food Facilities	7
Landscape material dumping	Construction Sites	1
Paint discharge	Residential	1
RV Waste discharge	Automotive Facilities	1
RV Waste discharge	Industrial	1
RV Waste discharge	Other/unknown	2
RV Waste discharge	Residential	8
Sanitary spill or leak	Commercial	3
Sanitary spill or leak	Residential	13
Surface cleaning discharge	Commercial	4
Surface cleaning discharge	Residential	1
Vehicle & equipment leaking	Commercial	4
Vehicle & equipment leaking	Industrial	1
Vehicle & equipment leaking	Residential	3
Vehicle repair	Residential	1

Total Number of IC/ID Incidents is 84

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
Illicit Connection/Illegal Discharge Program
IC/ID Incident Source Report between 7/1/2015 and 6/30/2016
as of 8/22/2016

Sources of Incident Reports	Totals
Business	1
Citizen complaints	32
Illicit discharge inspectors	26
Industrial contact	1
Interdepartmental	23
Other agency	1

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
Illicit Connection/Illegal Discharge Program
IC/ID Enforcement Action Report between 7/1/2015 and 6/30/2016
as of 9/23/2016

Follow-up and Enforcement Actions	Totals
Administrative Action	1
Administrative Action with Penalty &/or Fine	4
No Action	38
Verbal Notice	27
Warning Notice	14

Total Fines Collected \$2,000.00

Appendix 9-1

C.9.b-FY 15-16 - Number of Different Pesticide Products Used

Pesticide category	Number of Different Pesticides Used												
	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16
I	0	0	1	0	0	0	0	0	1	1	1	1	1
II	8	6	5	7	5	5	3	1	4	0	0	1	1
III	22	22	25	29	35	38	27	33	34	36	42	40	37
None	0	0	0	1	1	2	2	2	1	1	1	1	2
total 1	30	28	31	37	41	45	32	36	40	38	44	43	41

NOTE: "none" indicates a pesticide used that is exempt from pesticide registration requirements

Appendix 9-2

C.9.b-FY 15-16 - Quantity of Pesticides Applied

Pesticide category	Quantity of Pesticides Applied (lbs) and Percent Change Comparing FY 15-16 Results to Previous Year and 13-year Average																
	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	13-year average	FY 15-16	% change to prev. yr.	% change to 13-yr. avg.
I	144	0	0	340	0	0	0	0	0	93	94	141	94	70	47	-50	-33
II	556	512	265	373	452	147	284	297	9	103	0	0	11	231	28	155	-88
III	1777	2155	3310	5420	3287	3658	3946	3738	3075	2190	1845	2022	1925	2950	1838	-4	-38
None	0	0	0	0	47	136	198	345	213	178	71	219	209	124	392	87	216
total 1*	2477	2667	3575	6133	3786	3941	4428	4380	3297	2564	2010	2382	2239	3466	2305	3	-33
total 2**	2477	2667	3575	6133	3739	3805	4230	4035	3084	2386	1939	2163	2030	3350	1913	-6	-43

*Total 1 includes use of non-regulated, exempt Clove Oil product

**Total 2 evaluates use not including non-regulated, exempt Clove Oil product

Appendix 9-3

C.9.b-FY 15-16 - Quantity of Active Ingredients Applied

Pesticide category	Quantity of Active Ingredients Applied (lbs) and Percent Change Comparing FY 15-16 Results to Previous Year and 13-year Average																
	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	13-year average	FY 15-16	% change to prev. yr.	% change to 13-yr. avg.
I	88	0	0	29	0	0	0	0	0	20	21	31	21	16	10	-52%	-37%
II	235	222	87	244	140	48	92	51	4	25	0	0	4	89	11	175%	-88%
III	853	694	970	1088	799	1101	1281	953	783	548	688	597	587	842	683	16%	-19%
None	0	0	0	0	3	8	12	11	12	11	12	14	13	7	19	46%	171%
total 1*	1,176	916	1,057	1,361	942	1,157	1,385	1,015	799	604	740	648	625	956	724	16%	-24%
total 2**	1,176	916	1,057	1,361	939	1,149	1,373	1,004	787	593	728	634	612	948	705	15%	-26%

*Total 1 includes use of non-regulated, exempt Clove Oil product

**Total 2 evaluates use not including non-regulated, exempt Clove Oil product

Note: Active ingredient applications for two products were discovered to have been over-reported from FY03-04 through FY 10-11.

The over-reporting of active ingredient occurred because the dilution factor was not taken into account.

Amounts reflect previous Annual Reports have been revised on this version of Table 3.

Appendix 9-4
C.9.b – Pesticides of Concern, FY 15-16 Usage

Product Name	Target Pest	Active Ingredient	Total Applied (lb.)	Active Ingredient Amount (lb)	Water Quality Threat/Precautions
Drion	Bees/wasps	Pyrethrin	0.4	0.04	Applied to hives
Excite	Yellow jackets	Pyrethrin	0.125	0.08	Applied into a ground nest near a building entrance.
Maxforce	Ants	Fipronil	0.16	0.00001	Bait stations and mostly interior.
Multicide Wasp and Hornet Killer	Wasps	Tetramethrin	2	0.004	Applied to hives
Proxy	Poa seedhead	Ethephon	46.9	10.3	Applied to golf course greens during dry months and no irrigation.
Tempo	Spiders	Beta-cyfluthrin	37	3.7	Indoor and outdoor usage. Dilute solution. Not applied on paved surface only soil surface.
Termidor	Termites	Fipronil	4.2	0.4	Applied around the base of buildings not onto paved surface only soil surface.
Wasp and hornet killer	Yellow Jackets	Tetramethrin permethrin	2	0.007	Applied into hives

Appendix 9-5

C.9.d – IPM Contract Language

GOLF COURSE MANAGEMENT SERVICES AGREEMENT BETWEEN
THE CITY OF MOUNTAIN VIEW AND TOUCHSTONE GOLF, LLC

This Agreement is dated for identification this _____ day of _____, 2012, and is made by and between the CITY OF MOUNTAIN VIEW, a California Charter City and municipal corporation, whose address is P.O. Box 7540, Mountain View, California, 94039 (hereinafter "CITY"), and TOUCHSTONE GOLF, LLC, a Delaware limited liability company, whose address is 1052 Overlook Road, Berkeley, California, 94708 (hereinafter "OPERATOR").

RECITALS

1. CITY is the owner of Shoreline Golf Links that includes an 18-hole municipal golf course, a driving range, Maintenance Yard, a cart storage facility, a Pro Shop, Maintenance Yard, administrative offices and all amenities known as Shoreline Golf Links (collectively, the "Golf Course").
2. CITY desires to utilize the services of OPERATOR for the overall management, maintenance and operation of the Golf Course, including, but not limited to, the supervision of all employees and maintenance of facilities.
3. In March 2011, CITY invited golf management companies to submit a proposal for a management services agreement for all Golf Course operations.
4. OPERATOR submitted a proposal and was selected by CITY based on its experience in reinvigorating golf courses, operating a golf course over a landfill, managing wildlife issues and marketing of golf courses.
5. OPERATOR represents that it has the necessary experience and qualifications to manage, operate and maintain the Golf Course in accordance with the proposal it submitted.
6. CITY and OPERATOR agree that the primary objectives for OPERATOR's performance under this Agreement are to provide high-quality golf experiences, high-quality maintenance practices and to generate revenues sufficient for full cost recovery for Golf Course operations.

other facilities shall be Direct Costs. OPERATOR and CITY will mutually agree upon an appropriate level of service and/or budget to support this level of service.

3.4.2. OPERATOR agrees to enter into preventative and regular maintenance contracts, with providers approved by Director, for services to include, but not be limited to, pest control, window cleaning and carpet cleaning. All costs associated with these service contracts shall be Direct Costs.

3.4.3. Grounds Maintenance Services. OPERATOR shall provide grounds maintenance services for the Golf Course, including, but not limited to, the obligation to mow, edge, trim, overseed, fertilize, aerate, sod, change cups, service tees, topdress, raise divots, rake traps, spray, spot irrigate, syringe and renovate turf and shrub areas, as well as to provide weed, disease and pest control, litter control and rubbish removal, bird dropping removal, parking lot sweeping, tree maintenance, maintenance of irrigation systems including mainlines, pumps, boosters and controllers, to keep swales in good repair and to provide the necessary and appropriate maintenance of any appurtenant structures and equipment, and to perform other duties as set forth in the Maintenance Standards outlined in the Golf Course Manual. OPERATOR shall replace or change any supplies, materials or procedures used by OPERATOR that are found reasonably objectionable by Director, within five (5) calendar days after receipt of Director's written request for such replacement or change. OPERATOR shall make every reasonable effort to obtain certification for the Golf Course from Audubon International as a Cooperative Sanctuary. Operator shall comply with all applicable local, State and Federal clean water regulatory requirements, including but not limited to all Federal NPDES requirements.

3.4.3.1. Chemical Herbicides and Pesticides. OPERATOR shall not cause or permit the application of biocides, defoliants, chemical fertilizers, pesticides, herbicides, fungicides or other agrichemicals, except as set forth in the Integrated Pest Management and Chemical Application Management Plans (IPM-CHAMP). The current plan shall be adopted and implemented by OPERATOR and shall be consistent with the Hazardous Materials provisions set forth in Section 3.25. OPERATOR shall ensure that employees

are trained and knowledgeable about best management practices for using fertilizers, herbicides and pesticides to prevent any Hazardous Materials release and how to handle any such accidental release. OPERATOR shall obtain any required permits and submit any required reports related to the use of permitted biocides, defoliants, chemical fertilizers, pesticides, herbicides or other agrichemicals, including the County of Santa Clara ("County") Agriculture Commissioner.

3.4.3.2. Water. OPERATOR shall not cause any ponding on the Golf Course or any flooding on adjacent land. Unless otherwise specifically directed by CITY, OPERATOR shall not engage in any activity that causes any change, disturbance, fill, alteration or impairment to the bed, bank, canal or channel of any natural water course, wetland or other body of water on, in, under, or about the Golf Course; nor shall OPERATOR engage in any activity that would pollute or degrade the surface or subsurface waters or result in the diminution or drainage of such waters.

3.4.3.3. Protection of Utilities. At all times during the term of this Agreement, OPERATOR shall use its reasonable best efforts to protect the facilities of utilities located on and under the Golf Course from any damage, injury or disturbance. If OPERATOR, or any of its agents or guests damage, injures or disturbs any of the foregoing facilities, OPERATOR shall immediately notify CITY of that occurrence.

3.4.3.4. Trees and Other Plant Materials. OPERATOR shall maintain all trees and other plant materials on the Golf Course in compliance with the Golf Course Manual. OPERATOR shall not remove or destroy any tree or other plant materials on the Golf Course without the prior written approval of the Director or his/her designee. In the case that a tree, or portion of a tree, has fallen on the Golf Course and becomes a safety hazard, Director's oral approval is acceptable for removal or pruning. All pruning shall be consistent with CITY guidelines and the International Society of Arboriculture Tree Pruning Guidelines.

Acronyms/Abbreviations/Definitions

AB	Assembly Bill
ABAG	Association of Bay Area Governments
ABC	Annual Budget Review Compilation
ACCWP	Alameda Countywide Clean Water Program
ACOE	U.S. Army Corps of Engineers
AHTG	Ad Hoc Task Group
AR	Annual Report
ASCE	American Society of Civil Engineers
BAAQMD	Bay Area Air Quality Management District
BART	San Francisco Bay Area Rapid Transit
BATG	Budget Ad Hoc Task Group
Basin	Santa Clara Basin
Basin Plan	Water Quality Control Plan for the San Francisco Basin
BACWA	Bay Area Clean Water Agencies
BAHM	Bay Area Hydrology Model
BAMBI	Bay Area Macroinvertebrate Bioassessment Information
BASMAA	Bay Area Stormwater Management Agencies Association
Bay	San Francisco Bay
Bay Area	San Francisco Bay Area
BMI	Benthic Macroinvertebrate
BMM	Lower South Bay Monitoring and Modeling Subgroup
BMP	Best Management Practice
BOMA	Building Owners and Managers Association
BPP	Brake Pad Partnership
BU	beneficial use
C	Celsius
C.3	Permit Provision C.3
C3PO	C.3 Provision Oversight
CA	California
Cal-EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation

Acronyms/Abbreviations/Definitions

CAMLnet	California Aquatic Macroinvertebrate Laboratory Network
Campaign	Watershed Watch Campaign
CAP	Copper Action Plan
CASQA	California of Stormwater Quality Association
CB	Copper Baseline
CCC	Continuous Concentration Criterion
CD-ROM	Compact Disk-Read Only Memory
CDS	Continuous Deflective Separation
CEP	Clean Estuary Partnership
CESQG	Conditionally Exempt Small Quantity Generator
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CI	Continuous Improvement
CIWMB	California Integrated Waste Management Board
CMIA	Conceptual Model Impairment Assessment
CMS	Copper Management Strategy
COA	Condition of Approval
CoHHW	Santa Clara County Household Hazardous Waste Program
CoHHW Program	Santa Clara County Household Hazardous Waste Program
COLD	cold freshwater habitat
CRMP	Coordinated Resources Management and Planning
CSBP	California Stream Bioassessment Procedures
CTR	California Toxic Rule
Cu	copper
CWA	Clean Water Act
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DEH	Santa Clara County Department of Environmental Health
District	Santa Clara Valley Water District

Acronyms/Abbreviations/Definitions

DO	Dissolved Oxygen
DOE	Department of Energy
DPR	Department of Pesticide Regulation
DWR	Department of Water Resources
E. Coli	Enterococcus Coli
EEC	SF Bay Wildlife Refuge Environmental Education Center
EEDMS	Environmental Enforcement Data Management System
EEPS	Exposure and Effects Pilot Study
e.g.	for example
EMAP	Environmental Monitoring Program
EMB	Executive Management Board
EOA	Eisenberg, Olivieri, and Associates
EPA	U.S. Environmental Protection Agency
Estuary	San Francisco Bay Estuary
F	Fahrenheit
FLT	Fluorescent Light Tube
FY	Fiscal Year
GCRCD	Guadalupe-Coyote Resource Conservation District
GIASP	General Industrial Activities Stormwater Permit
GIS	Geographic Information System
GRTS	Generalized Random Tessellation Stratified
Group 1	C.3 compliance threshold - 1 acre of impervious surface
Group 2A	C.3 compliance threshold - 10,000 sq. ft. of impervious surface at specific land use areas
Group 2B	C.3 compliance threshold - 10,000 sq. ft.
HBANC	Home Builders Association of Northern California
Hg	Mercury
HMP	Hydromodification Management Plan
HHW	Household Hazardous Waste
HVAC	Heating, Ventilation and Air Conditioning
IBI	Index of Biotic Integrity
IC/ID	Illicit Connection and Illegal Dumping

Acronyms/Abbreviations/Definitions

ID	Identification
IND	Industrial/Commercial
i.e.	that is
IPM	Integrated Pest Management
JPA	Joint Powers Authority
K	Kindergarten
KAB	Keep America Beautiful
kg	Kilogram
L	Liter
Lb	Pound
LA	load allocation
LFA	Limiting Factors Analysis
LID	Low Impact Development
LSSB	Lower South San Francisco Bay
LUS	Land Use Subgroup
MC	Management Committee
MCMP	Metals Control Measures Plan
MCTT	Multi-Chambered Treatment Train
MDDB	Metadata Database
MDL	Most Downstream Location
MEP	Maximum Extent Practicable
Mercury Plan	Mercury Pollution Prevention Plan
mg	milligram
mgd	million gallons per day
MIGR	fish migration
MOA	Memorandum of Agreement
MOFO	Morrison & Foerster
MOU	Memorandum of Understanding
MP	Monitoring Priority
MROSD	Mid-Peninsula Regional Open Space District
MRP	Municipal Regional Permit

Acronyms/Abbreviations/Definitions

MRP 2.0	Re-issuance of MRP
MYRWMP	Multi-Year Receiving Waters Monitoring Plan
NAP	Nickel Action Plan
NEMA	National Electrical Manufacturers Association
NAIOP	National Association of Industrial and Office Properties
NEPA	National Environmental Policy Act
ng	Nanogram
Ni	Nickel
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
OC	Organochlorine
O&M	Operation and Maintenance
OP	Organophosphate
OWOW	Our Water Our World
P2	Pollution Prevention
PAHs	Polynuclear Aromatic Hydrocarbons
PBDE	Polybrominated Diphenyl Ether
Pb	Lead
PCBs	Polychlorinated Biphenyls
PCDD	Polychlorinated Dibenzo-p-Dioxins
PCDF	Polychlorinated Dibenzofurans
PCO	Pest Control Operator
pg	Picogram
PHAB	Physical Habitat Assessments
PIP	Public Information and Participation
PI/P	Public Information and Participation
PIPP	Public Information and Participation Program
PMPS	Pest Management Performance Standard
POC	Pollutant of Concern
POTW	Publicly Owned Treatment Works
PPPS	Planning Procedures Performance Standard

Acronyms/Abbreviations/Definitions

Program	Santa Clara Valley Urban Runoff Pollution Prevention Program
PS	Performance Standard
PVC	Polyvinyl Chloride
Q	Quarter
QAPP	Quality Assurance Project Plan
RAC	Regional Ad Campaign
RARE	preservation of rare and endangered species
RCRA	Resource Conservation and Recovery Act
REC- 1	water contact recreation
REC-2	non-contact water recreation
Regional Board	San Francisco Bay Regional Water Quality Control Board
RFP	Request for Proposal
RMAS	Regional Monitoring and Assessment Strategy
RMP	Regional Monitoring Program
RPT	Report Preparation Team
RS	Regulatory Subgroup
RTA	Rapid Trash Assessment
RWQCB	San Francisco Bay Regional Water Quality Control Board
SC	Steering Committee
SCC	Santa Clara County
SCBWM1	Santa Clara Basin Watershed Management Initiative
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program
SCVWD	Santa Clara Valley Water District
SF	San Francisco
SFEI	San Francisco Estuary Institute
SFEP	San Francisco Estuary Project
SFPUC	San Francisco Public Utilities Commission
SIC	Standard Industrial Classification
SMaRT®	Sunnyvale Materials Recovery and Transfer
SOP	Standard Operating Procedures
South Bay	Lower South San Francisco Bay

Acronyms/Abbreviations/Definitions

SPLWG	Sources, Pathways and Loadings Work Group (RMP)
SPWN	fish spawning
SSC	Suspended Sediment Concentration
SSI	Inventory of Santa Clara Basin Stream Studies
SSO	Water Quality Site-Specific Objective
State Board	State Water Resources Control Board
STOPPP Program	San Mateo Countywide Stormwater Pollution Prevention
SWAMP	Surface Waters Ambient Monitoring Program
SWANA	Solid Waste Association of North America
SWMP	Stormwater Management Plan (C.3 compliance document)
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TMA	Trash Management Area
TMDL	Total Maximum Daily Load
TO	Tentative Order
TP	Total Phosphorus
TPH	Total Petroleum Hydrocarbons
TRC	Technical Review Committee
ug	Microgram
UPC	Urban Pesticide Committee
URMP	Urban Runoff Management Plan
URQM	Urban Runoff Quality Management
USA	Unified Stream Assessment
USEPA	U. S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VTA	Santa Clara Valley Transportation Authority
WAC	Watershed Assessment Consultant
WAMS	Watershed Assessment and Monitoring Subgroup
WAR	Watershed Assessment Report

Acronyms/Abbreviations/Definitions

WARM	warm freshwater habitat
Water Board	San Francisco Bay Regional Water Quality Control Board
Water District	Santa Clara Valley Water District
WEF	Water Environment Federation
WEO	Watershed Education and Outreach
WE&O	Watershed Education and Outreach
WERF	Water Environment Research Foundation
WG	Work Group
WILD	wildlife habitat
WLA	Waste Load Allocation
WMI	Watershed Management Initiative
Work Group "I"	SCBWMI Phase I Indicators Work Group
WP	Work Plan
WRPC	Water Resources Protection Collaborative
WUPPP	Water Utility Pollution Prevention Plan
WVCWP	West Valley Clean Water Program
WW	Watershed Watch
WWTP	Wastewater Treatment Plant
WY	Water Year
YSI	Youth Science Institute
Zn	Zinc