

PUBLIC WORKS SERVICES DEPARTMENT



MUNICIPAL SERVICES CENTER (MSC)
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September 15, 2015

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 Redwood City**
FY 2014/15 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Redwood City pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2014/15 and related accomplishments.

Please contact Terence Kyaw at 650-780-7466 regarding any questions or concerns.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Terence Kyaw', with a long, sweeping underline.

Terence Kyaw
Assistant Public Works Services Director

**CITY OF REDWOOD CITY
FY 2014/15 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 of Duly Authorized Representative:



Terence Kyaw
Assistant Public Works Services Director

9/8/2015
Date

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Redwood City				
Population:	80,800				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074R				
Reporting Time Period (month/year):	July 2014 through June 2015				
Name of the Responsible Authority:	Aaron Aknin	Title:	Interim City Manager		
Mailing Address:	PO Box 391				
City:	Redwood City	Zip Code:	94063	County:	San Mateo
Telephone Number:	(650) 780-7293	Fax Number:			
E-mail Address:	aaknin@redwoodcity.org				
Name of the Designated Stormwater Management Program Contact (if different from above):	Terence Kyaw	Title:	Assistant Public Works Services Director		
Department:	Public Works Services Department				
Mailing Address:	1400 Broadway				
City:	Redwood City	Zip Code:	94063	County:	San Mateo
Telephone Number:	(650) 780-7466	Fax Number:	(650) 780-7445		
E-mail Address:	tkyaw@redwoodcity.org				

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:

In addition to actually participating in the April 2015 Corporation Yard Stormwater BMP's Training session, the City volunteered to allow other municipalities and agencies to site visit and tour our yard for said training. Staff also participated in the Municipal Maintenance Subcommittee throughout the fiscal year.

Refer to the C.2 Municipal Operations section of the SMCWPPP FY 14-15 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

Y	Control of debris and waste materials during road and parking lot installation, repaving 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:

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.

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

Comments:

C.2.d. ► Stormwater Pump Stations				
Does your municipality own stormwater pump stations:		<input checked="" type="checkbox"/> Yes		
If your answer is No then skip to C.2.e.				
Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.				
Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Bair Island, Bair Island Rd. & E. Bayshore Blvd	8/18/2014	5.37	9/18/2014	5.36
Bradford, 700 Bradford St.	8/18/2014	6.89	9/18/2014	8.11
Broadway, 1180 Broadway St	8/18/2014	6.11	9/18/2014	5.54
Douglas PS, 1101 Douglas Ave	8/18/2014	4.78	9/18/2014	5.75
Fifth Ave PS, 3011 E. Bayshore Rd	8/18/2014	6.18	9/18/2014	4.47
Jefferson/Middlefield PS, 1044 Middlefield Rd	8/18/2014	5.12	9/18/2014	7.11
K-Mart PS, End of Maple (Eastside)	8/18/2014	4.10	9/18/2014	6.84
Maple St PS, Corner of Veterans Blvd & Maple St	8/18/2014	4.25	9/18/2014	4.17
Oddstad PS, 1286 Oddstad Off Blomquist	8/18/2014	8.34	9/18/2014	7.91
Pacific Shores PS, 800 Seaport Blvd	8/18/2014	3.99	9/18/2014	4.11
Penn-1, 690 Redwood Shores Pkwy (behind Fire Station 20)	8/18/2014	4.97	9/18/2014	5.44
Price Tract PS, 305 Main St	8/18/2014	5.13	9/18/2014	8.40
Seaport Blvd, 195 Seaport Blvd	8/18/2014	4.78	9/18/2014	3.91
Seaport Centre, 207 Penobscot Drive	8/18/2014	4.08	9/18/2014	5.76
Veteran PS, End of Veterans Blvd, near Hwy 101/Whipple Exit	8/18/2014	6.36	9/18/2014	4.63
Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:				
Summary: All DO monitoring data was above 3 mg/L; no corrective actions were necessary.				
Attachments: none				

¹ DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Bair Island, Bair Island Rd. & E. Bayshore Blvd	11/3/2014	0.00	No	No	No	No
Bair Island, Bair Island Rd. & E. Bayshore Blvd	2/10/2015	0.00	No	No	No	No
Bradford, 700 Bradford St.	11/3/2014	0.03	No	No	No	Yes / Low
Bradford, 700 Bradford St.	2/10/2015	0.00	No	No	No	No
Broadway, 1180 Broadway St	11/3/2014	0.00	No	No	No	No
Broadway, 1180 Broadway St	2/10/2015	0.00	No	No	No	No
Douglas PS, 1101 Douglas Ave	11/3/2014	0.04	No	No	No	No
Douglas PS, 1101 Douglas Ave	2/10/2015	0.03	No	No	No	No
Fifth Ave PS, 3011 E. Bayshore Rd	11/3/2014	0.00	No	No	No	Yes / Low
Fifth Ave PS, 3011 E. Bayshore Rd	2/10/2015	0.00	No	No	No	No
Jefferson/Middlefield PS, 1044 Middlefield Rd	11/3/2014	0.00	No	No	Yes / Low	Yes / Med.
Jefferson/Middlefield PS, 1044 Middlefield Rd	2/10/2015	0.00	No	No	Yes / Low	No
K-Mart PS, End of Maple (Eastside)	11/3/2014	0.00	Yes	Yes	Yes / Med.	Yes / Low
K-Mart PS, End of Maple (Eastside)	2/10/2015	0.06	Yes	Yes	Yes / Med.	Yes / Low
Maple St PS, Corner of Veterans Blvd & Maple St	11/3/2014	0.03	No	No	Yes / Low	Yes / Low
Maple St PS, Corner of Veterans Blvd & Maple St	2/10/2015	0.00	No	No	No	No
Oddstad PS, 1286 Oddstad Off Blomquist	11/3/2014	0.09	Yes	Yes	Yes / High	Yes / Med.
Oddstad PS, 1286 Oddstad Off Blomquist	2/10/2015	0.06	No	Yes	Yes / High	Yes / High
Pacific Shores PS, 800 Seaport Blvd	11/3/2014	0.00	Yes	Yes	Yes / Med.	Yes / Med.
Pacific Shores PS, 800 Seaport Blvd	2/10/2015	0.00	No	Yes	Yes / Med.	Yes / Med.
Penn-1, 690 Redwood Shores Pkwy (behind Fire Station 20)	11/3/2014	0.00	No	Yes	Yes / Low	No
Penn-1, 690 Redwood Shores Pkwy (behind Fire Station 20)	2/10/2015	0.00	No	No	Yes / Low	No
Price Tract PS, 305 Main St	11/3/2014	0.12	No	No	Yes / Low	Yes / Med.

Price Tract PS, 305 Main St	2/10/2015	0.00	No	No	No	No
Seaport Blvd, 195 Seaport Blvd	11/3/2014	0.00	Yes	Yes	Yes / Med.	Yes / Med.
Seaport Blvd, 195 Seaport Blvd	2/10/2015	0.00	No	Yes	Yes / Med.	Yes / Low
Seaport Centre, 207 Penobscot Drive	11/3/2014	0.00	Yes	Yes	Yes / Low	No
Seaport Centre, 207 Penobscot Drive	2/10/2015	0.00	No	No	Yes / Low	Yes / Low
Veteran PS, End of Veterans Blvd, near Hwy 101/Whipple Exit	11/3/2014	0.02	No	No	No	No
Veteran PS, End of Veterans Blvd, near Hwy 101/Whipple Exit	2/10/2015	0.00	No	No	No	No

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural ² 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:					

²Rural 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:

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 Services Center	08/01/2014	Please see inspection summary C.2.f attachment.	No follow-up action required.

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

C.3.b.v.(2)(a) ► Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:

At this time, Redwood City has not completed or identified potential Green Streets projects. The C.3 New Development and Redevelopment section of the SMCWPPP FY 14-15 Annual Report includes a description of activities conducted at the countywide or regional level.

The C.3 New Development and Redevelopment section of the SMCWPPP FY 14-15 Annual Report includes a description of activities conducted at the countywide or regional level.

C.3.b.v.(1) ► Regulated Projects Reporting

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.

Table attached.

C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.

<p><i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?</p>		Yes	X	No
<p>Comments (optional):</p> <p>Redwood City does not allow fees or LID treatment at an off-site location for in-lieu compliance under C.3.e.i..</p> <p>Redwood City does permit in-lieu compliance via LID Treatment Reduction Credits under C.3.e.ii for Special Projects, under the legal authority in already in place in Redwood City Municipal Code Section 27A. Staff sends written confirmation to Special Project owners confirming their status after review of documents such as geotechnical reports, LID infeasibility/feasibility worksheets, and conceptual plans.</p>				

C.3.e.vi ► Special Projects Reporting

<p>1. 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)?</p>	X	Yes		No
<p>2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2015 report? If yes, include the project in both the C.3.b.v.(1)Table, and the C.3.e.vi. Table.</p>	X	Yes		No
<p>If you answered "Yes" to either question,</p> <ol style="list-style-type: none"> 1) Complete Table C.3.e.vi .below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <p>See attached table. Narrative discussions are included as attachments to this report.</p>				

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.

Table attached.

(2) On an annual basis, 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:

Similar to past years to most common problem was the accumulation of trash. However, due to enhanced efforts over the past couple years to make owners aware of these treatment systems on their property, compliance this year was much better. The majority of sites were in good working condition at the time of inspection.

(3) On an annual basis, 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:

After having spent the previous two years overhauling the program, this year's program went exceptionally well and worked as planned. Most owners were now aware of treatment measures on their site and all sites have been inspected within the last three years due to the overhaul.

(4) During the reporting year, did your agency:

<ul style="list-style-type: none"> Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? 	X	Yes		No		Not applicable. No new facilities were installed.
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?³ 	X	Yes		No		Not applicable. No treatment measures
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed vault-based systems? 	X	Yes		No		Not applicable. No vault systems.

If you answered "No" to any of the questions above, please explain:

³If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

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. We are using the following Program products for C.3.i implementation:

- The SMCWPPP C.3 Regulated Projects Checklist
- The SMCWPPP Stormwater Checklist for Small Projects (www.flowstobay.org/newdevelopment#forms)
- C.3.i guidance provided by the SMCWPPP C.3 Stormwater Technical Guidance document Appendix L

All single-family homes, additions over 500 square feet and new construction complete the C.3 Regulated Projects Checklist. This is done regardless of whether or not they create or replace over 2,500 square feet of impervious surface. This procedure helps identify small projects, and educate all applicants about C.3 regardless of whether the project is C.3 regulated or not.

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

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Blu Harbor CP15-0065	1 Uccelli Blvd Redwood City, CA 94063	The Pauls Corporation, LLC	N/A	Construction of 6 9-Plex, 4 10-Plex apartment buildings, recreation center, and wrap building with 308 apartment units	Redwood Creek	10.4	10.0	261,812	71,707	370,696	333,519
740 Bay Road CP15-0036	740 Bay Road Redwood City, CA 94063	Bristol Myers Squibb	N/A	Renovation of Existing Building and conversion of parking area into storage yard	Bayfront Canal	11.65	0.43	2,107	14,374	422,870	16,481
Delucchi's Market CP14-0280	3636 Florence Street Redwood City, CA 94063	Delucchi Marsh Manor Ventures	N/A	Renovation of Existing Building and construction of parking lot over vacant land	Bayfront Canal	1.74	0.87	23,433	5,063	54,427	28,496
Courtyard Marriot CP14-0178	600 Bair Island Road Redwood City, CA 94063	Redwood City Hotels, LLC	N/A	New Development: 5 Story, 177 Room Hotel	Redwood Creek	2.8	2.1	68,660	0	0	68,660
103 Wilson CP15-0026	103 Wilson Street Redwood City, CA 94063	Greystar	N/A	175-unit multi-family residential apartment building	Redwood Creek	1.10	1.25	16,345	29,309	36,576	45,654

¹⁰Include cross streets

¹¹If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹²Project 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.

¹³State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

¹⁵All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶For redevelopment projects, state the pre-project impervious surface area.

¹⁷For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
La Palma CP15-0065	1675 Kentfield Ave Redwood City, CA 94063	Yeh's Development, LLC	N/A	12 Lot Residential Development	Bayfront Canal	1.00	1.07	7,642	9,506	17,177	17,148
550 Allerton CP14-0190	550 Allerton Street Redwood City, CA 94063	Premia Capital	N/A	69,846 SF, 6 Story office building	Redwood Creek	0.31	0.31	2,378	11,300	11,300	13,678
1305 & 1131 El Camino Real	1305 & 1131 El Camino Real Redwood City, CA 94063	Greystar	N/A	137-unit multi-family residential apartment building	Redwood Creek	0.77	0.96	15,819	16,316	31,461	32,135
Public Projects											
None											
Comments:											

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

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
Blu Harbor CP15-0065	3/24/2014	3/24/2014	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, roofed and enclosed refuse area, design for discharge of fire sprinkler test water to landscape	Direct runoff (roof, sidewalk) to vegetated areas, self-treating areas	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Combination flow and volume, criteria 3	None	No, project reviewed in-house	N/A, this project is not subject to HM controls because it is part of the exempt area
740 Bay Road CP15-0036	6/18/2015	6/18/2015	Label storm drain inlets, efficient landscape irrigation,	Direct runoff (roof, sidewalk) to vegetated areas, self-	Bioretention area meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement,	Combination flow and volume, criteria 3	None	No, project reviewed in-house	N/A, this project is not subject to HM controls because it is

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

¹⁹For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²¹List 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.

²²List 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.).

²³List 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.

²⁴See 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).

²⁵For 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.

²⁶For 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.

²⁷Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸If HM control is not required, state why not.

²⁹If 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.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			pesticide reduction	treating areas		requires the owner to perform routine maintenance				part of the exempt area
Delucchi's Market CP14-0280	9/3/2014	9/3/2014	Label storm drain inlets, efficient landscape irrigation, pesticide reduction	Direct runoff (roof, sidewalk) to vegetated areas, self- treating areas	Bioretention area meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Combination flow and volume, criteria 3	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area
Courtyard Marriot CP14-0178	6/3/2014	6/3/2014	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, roofed and enclosed refuse area, design for discharge of fire sprinkler test water to landscape	Direct runoff (roof, sidewalk) to vegetated areas, self- treating areas	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Combination flow and volume, criteria 3	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area
103 Wilson CP15-0026	10/14/2014	10/14/2014	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection,	Direct runoff (roof, sidewalk) to vegetated areas, self- treating areas	Media filters (100% LID reduction credit for Special Projects)	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow based criteria 2.c	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area

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

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			roofed and enclosed refuse area, design for discharge of fire sprinkler test water to landscape							
La Palma CP15-0105	2/3/2015	2/3/2015	Label storm drain inlets, efficient landscape irrigation, pesticide reduction	Direct runoff (roof, sidewalk) to vegetated areas, self-treating areas, permeable pavers	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Combination flow and volume, criteria 3	None	No, project reviewed in-house	N/A, this project is not subject to HM controls because it is part of the exempt area
550 Allerton CP15-0190	6/12/2015	6/12/2015	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, roofed and enclosed refuse area, design for discharge of fire sprinkler test water to landscape	Direct runoff (roof, sidewalk) to vegetated areas, self-treating areas	Media filters (100% LID reduction credit for Special Projects)	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow based criteria 2.c	None	No, project reviewed in-house	N/A, this project is not subject to HM controls because it is part of the exempt area

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

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
1305 & 1131 El Camino Real CP15-0164	5/21/2015	5/21/2015	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, roofed and enclosed refuse area, design for discharge of fire sprinkler test water to landscape	Direct runoff (roof, sidewalk) to vegetated areas, self-treating areas	Media filters (100% LID reduction credit for Special Projects)	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow based criteria 2.c	None	No, project reviewed in-house	N/A, this project is not subject to HM controls because it is part of the exempt area

Comments:

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

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
None										
Comments:										

³⁰For public projects, enter the plans and specifications approval date.

³¹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³²List 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.

³³List 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.).

³⁴List 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.

³⁵See 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).

³⁶For 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.

³⁷For 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.

³⁸Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹If HM control is not required, state why not.

⁴⁰If 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.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
RWC Site #36 2580 El Camino Real	2580 El Camino Real	Yes	Property Owner	10/17/2014	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None
RWC Site #37 201 Marshall Street	201 Marshall Street	Yes	Property Owner	9/8/2014	45-day	Media filters; onsite	Pass Proper installation	N/A	None
RWC Site #42 640 Veterans Boulevard	640 Veterans Boulevard	Yes	Property Owner	1/15/2015	45-day	Bioretention treatment areas, media filters; onsite	Pass Proper installation	N/A	None
RWC Site #44 Kaiser Hospital	1100 Veterans Boulevard	Yes	Property Owner	9/5/2014	45-day	Bioretention treatment areas, media filters; onsite	Pass Proper installation	N/A	None
RWC Site #48 1410 Valota Road	1410 Valota Road	Yes	Property Owner	1/16/2015	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None
RWC Site #50 Bair Island Phase 2	Bair Island Road	Yes	Adjacent Property Owner	10/31/2014	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None
RWC Site #63 Hayward Lumber	1775 E Bayshore Road	Yes	Property Owner	8/22/2014	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None
RWC Site #64 Facebook Carpool Lot	1831 E Bayshore Road	Yes	Property Owner	9/16/2014	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None

⁴¹Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

⁴²State the responsible operator for installed stormwater treatment systems and HM controls.

⁴³State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

⁴⁴State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

⁴⁵State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁶State the enforcement action(s) taken, if any.

C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
RWC Site #65 Sequoia Union High School District	1061 Douglas Avenue	Yes	Property Owner	9/11/2014	45-day	Bioretention treatment areas; onsite	Pass Proper installation	N/A	None
RWC Site #4 Chevron Gas Station	585 Whipple Avenue	No	Property Owner	5/27/2015	Routine	Hydrodynamic separator; onsite	Pass Proper O&M	N/A	None
RWC Site #5 San Carlos Stairs	1204 Shasta Street	No	Property Owner	5/26/2015	Routine	Hydrodynamic separator; onsite	Pass Proper O&M	N/A	None
RWC Site #12 Clarity Homes	75 Oakwood Drive	No	Property Owner	5/19/2015	Routine	Infiltration basin; onsite	Pass Proper O&M	N/A	None
RWC Site #19 Chevron Gas Station	990 Veterans Boulevard	No	Property Owner	5/27/2015	Routine	Bioretention treatment areas; onsite	Pass Proper O&M	N/A	None
RWC Site #27 Trailer Villa	3401 E Bayshore Road	No	Property Owner	5/28/2015	Routine	Media filter; onsite	Pass Proper O&M	N/A	None
RWC Site #32 The Preserve Townhomes	The Preserve, Redwood Shores	No	Property Owner	5/21/2015	Routine	Bioretention treatment areas; onsite	Pass Proper O&M	N/A	None
RWC Site #39 One Marina Agreement #2	One Marina, Bair Island Road	No	Property Owner	6/29/2015	Routine	Bioretention treatment areas; onsite	Pass Proper O&M	N/A	None
RWC Site #42 Port Wharves 1 & 2	Port of Redwood City	No	Property Owner	6/12/2015	Routine	Bioretention treatment areas; onsite	Pass Proper O&M	N/A	None
RWC Site #44 Kaiser Hospital	1100 Veterans Boulevard	No	Property Owner	5/21/2015	Routine	Bioretention treatment areas, media filters; onsite	Pass Proper O&M	N/A	45-day and routine inspection occurred in the same reporting year for this site

C.3.e.vi.Special Projects Reporting Table												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
550 Allerton Street CP15-0190	Redwood City	550 Allerton St; Allerton & Winslow; Redwood City, 94063	8/21/2014	Under Review; Final discretionary approval issued on 6/12/2015; Reporting based on plans dated 07/20/2015	4-story office building containing 69,846 sf of office space over 3 levels of parking (1 underground, 2 above). (6 stories total)	0.31 Acres	N/A – Project is 100% office	5:1	<u>Category A:</u> 100% Site Coverage Creates and/or replaces less than 0.5 acres of impervious surface; Includes no surface parking Located in the Downtown Precise Plan area;	<u>Category A:</u> <u>100%</u> 100% Allowable Credit	N/A	100% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program
2075 Broadway Street	Redwood City	2075 Broadway St;	8/21/2014	Under Review;	5-story office building , over 3 levels of parking	0.70 Acres	N/A – Project is	6 :1	<u>Category C:</u> Within 1/4 Mile of Transit Hub	<u>Category C:</u> <u>100%</u>	34% comprised of	66% comprised of

⁴⁷Date that a planning application for the Special Project was submitted.

⁴⁸ 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.

⁴⁹Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵¹For 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.

⁵²: 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.

⁵³List 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.

		Broadway & Jefferson; Redwood City, 94063		Final discretionary approval not issued yet; Reporting based on plans dated 08/21/2014	and ground floor retail, containing 180,000 sf of space total. (9 stories total)		100% office/retail		Density of > 6:1 FAR Includes no surface parking	Location: 50% Density: 30% Parking: 20%	100% bioswales	100% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program
601 Marshall Street	Redwood City	601 Marshall St; Marshall & Middlefield; Redwood City, 94063	8/28/2014	Under Review; Final discretionary approval not issued yet; Reporting based on plans dated 09/12/2014	6-story office building containing 136,500 sf of office space over 6 levels of parking. (12 stories total)	0.69 Acres	N/A – Project is 100% office	5 :1	<u>Category B:</u> 100% Site Coverage; Creates and/or replaces between 0.5 and 2.0 acres of impervious surface; Includes no surface parking; Density of > 5:1 FAR; Located in the Downtown Precise Plan area;	<u>Category B:</u> <u>100%</u> 100% Allowable Credit	N/A	100% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program
815 Hamilton Street	Redwood City	815 Hamilton Street; Hamilton & Winslow; Redwood City, 94063	Originally submitted as a 0.24 AC site on 8/28/2014; Expanded and submitted as a 0.39 AC site on 10/16/2014	Under Review; Final discretionary approval issued on 07/27/2015; Reporting based on plans dated 08/02/2015	4-story office building over ground floor retail containing 60,322 sf of space over 2 levels of underground parking. (5 stories total)	0.39 Acres	N/A – Project is 100% office/retail	4 :1	Category C: Within 1/4 Mile of Transit Hub; Density of > 4:1 FAR; Includes no surface parking	Category C: 90% Location: 50% Density: 20% Parking: 20%	10% area treated by Flow-Through Planter	90% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program

<p>851 Main Street</p>	<p>Redwood City</p>	<p>851 Main St; Main & Walnut; Redwood City, 94063</p>	<p>12/4/2014</p>	<p>Under Review; Final discretionary approval not issued yet; Reporting based on plans dated 11/25/2014</p>	<p>4-story office building containing 87,380 sf of office space over 2 levels of underground parking. (4 stories total)</p>	<p>0.64 Acres</p>	<p>N/A – Project is 100% office</p>	<p>3.1 :1</p>	<p><u>Category B:</u> 100% Site Coverage; Creates and/or replaces between 0.5 and 2.0 acres of impervious surface; Includes no surface parking; Density of > 3:1 FAR; Located in the Downtown Precise Plan area;</p>	<p><u>Category B:</u> <u>75%</u> 75% Allowable Credit</p>	<p>25% area treated by Flow-Through Planter</p>	<p>75% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program</p>
<p>204 Franklin Street</p>	<p>Redwood City</p>	<p>204 Franklin St; Franklin & Diller; Redwood City, 94063</p>	<p>3/5/2015</p>	<p>Under Review; Final discretionary approval not issued yet; Reporting based on plans dated 07/20/2014</p>	<p>6-story residential building containing 109,290 sf of living space over 2 levels of parking. (8 stories total)</p>	<p>0.65 Acres</p>	<p>140</p>	<p>N/A</p>	<p>Category C: Within 1/2 Mile of Transit Hub; Density of > 100 DU/ac; Includes no surface parking</p>	<p>Category C: 75% Location: 25% Density: 30% Parking: 20%</p>	<p>25% area treated by Flow-Through Planter</p>	<p>75% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program</p>
<p>1305 & 1131 El Camino Real CP15-0164</p>	<p>Redwood City</p>	<p>1305 & 1131 El Camino Real; Wilson & El Camino; Redwood City, 94063</p>	<p>2/26/2015</p>	<p>Under Review; Final discretionary approval issued on 05/21/2015; Reporting based on plans dated 07/12/2015</p>	<p>6-story residential building, including roof garden; containing 115,405 sf of living space over 2 levels of parking. (8 stories total)</p>	<p>0.77 Acres</p>	<p>178</p>	<p>N/A</p>	<p>Category C: Within 1/4 Mile of Transit Hub; Density of > 100 DU/ac; Includes no surface parking</p>	<p>Category C: 100% Location: 50% Density: 30% Parking: 20%</p>	<p>N/A</p>	<p>100% media filter by Kristar; meets specifications of the Western Washington Technical Assessment Protocol – Ecology (TAPE) program</p>

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

Program Highlights

Provide background information, highlights, trends, etc.

The City of Redwood City has an agreement with San Mateo County Environmental Health to conduct stormwater inspections of businesses and facilities within City limits. County inspectors have access to the City's Business Inspection Plan and Enforcement Response Plan for reference.

City staff participated in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee.

Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 14-15 Annual Report for a description of activities of SMCWPPP and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?

Yes

No

If No, explain:

C.4.b.iii.(1) ► Potential Facilities List

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

See attachment for list: Potential Facilities List

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

See attachment for list: Facilities Scheduled for Inspection

C.4.c.iii.(1) ► 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	297	
Total number of inspections conducted	323	
Number of violations (excluding verbal warnings)	20	
Sites inspected in violation	16	5%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	20	100%

Comments:
Food and HazMat program inspectors conduct routine Stormwater inspections at inventoried sites based on High, Medium, and Low priorities. If a violation or discharge is observed, a description of the violation is noted on the Inspection Report form, including comments and/or requirements that the facility must complete to clear the violation. If the violation is not cleared at the time of the inspection, a copy of the Inspection Report form is given to a stormwater technician for follow up. For the purposes of this section of the Annual Report, Verbal Warnings are not counted as violations.

C.4.c.iii.(2) ► 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)	2
Potential discharge and other	18

Comments:
All violations are counted as one discharge per inspection per site.

C.4.c.iii.(2) ▶ 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) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1	Verbal Warning	37	65%
Level 2	Written Warning	19	33%
Level 3	Notice to Comply	1	2%
Level 4	Legal Action	0	0%
Total		57	100%

C.4.c.iii.(3) ▶ Types of Violations Noted by Business Category

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

Business Category ⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Food	2	16
HazMat	0	2

C.4.c.iii.(4) ▶ Non-Filers

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

No facilities have been identified as requiring Industrial General Permit coverage that have not filed for coverage.

C.4.d.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
None				

⁴⁸Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰List your Program's standard business categories.

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

Program Highlights

Provide background information, highlights, trends, etc.

Redwood City staff responds to any reported illicit discharges by first investigating the reported scene. Investigation can occur either by Public Works or Code enforcement staff. Reports of discharges can occur either through telephone or Redwood City’s latest public engagement tool, “myRWC” by PublicStuff. myRWC is a free smartphone application (also available via web browser) whereby the public can report issues through their phone. This medium allows pictures with GPS to be attached and the submission by the resident is routed to the appropriate staff member based upon complaint or issue. Follow-up, including messages and contact information can also be input through this system. In addition, any complaints reported directly to Public Works staff is entered into the myRWC database to help track and respond to complaints.

City staff participated in the CII Subcommittee in FY 14-15.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 14-15 Annual Report for description of activities at the countywide or regional level.

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

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Public Works	Wastewater Management Services	650.780.7464
Code Enforcement	Building Inspectors, Community Development Department	650.780.7350

C.5.d.iii ► Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:
 The City requires mobile surface cleaners to obtain BASMAA training and certification in order to perform city services.

Any complaints or observations of illicit discharges by mobiles businesses will result in an investigation and possibly a verbal warning or citation. The City requires the offender to cover all cleanup costs associated with the discharge. County program BMPs and guidance are used.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 14-15 Annual Report for a description of efforts by the Commercial, Industrial and Illicit Discharge (CII) Subcommittee and the BASMAA Municipal Operations Committee to address mobile businesses.

C.5.e.iii ► Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

C.5.f.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.f.iii.(1))	4	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	1	25%
Discharges resolved in a timely manner (C.5.f.iii.(3))	4	100%

Comments:
Complaints about illicit discharges are report to both Public Works Services Department and the City's Code Enforcement division, which has the legal authority (by ordinance) to cite illicit dischargers. The role of Public Works Services is to account for the type of discharges, initiate cleanup of the storm drain system, and document the cost of cleanup, which is then included in the citation to the dischargers.

SSO discharges were not included in the illicit discharge and complaints tracking program. SSO discharges were reported online via the Region 2 Water Quality Control Board Website.

The solo discharge reaching the storm drain was:
 1. Oil runoff

C.5.f.iii.(4) ► Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

The types pollutants reported for each of illicit discharge complaints were either oil, gasoline, or dried paint.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
# 0	# 15	# 125
Comments: Of the 15 sites, 13 lasted the entire wet season from October through April. The remaining 2 sites became active during the rainy season (began November or later). Due to some additional rainy weather inspections the result was an inspection total greater than 15 x 7 = 105 inspections, which would be the case if all of the sites under construction were only inspected once per month for the duration of the wet season.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations ⁵¹ excluding Verbal Warnings	% of Total Violations ⁵²
Erosion Control	2	16.67%
Run-on and Run-off Control	2	16.67%
Sediment Control	2	16.67%
Active Treatment Systems	0	0%
Good Site Management	3	25%
Non Stormwater Management	3	25%
Total⁵³	12	100%

⁵¹Count 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.

⁵²Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵³The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁵
Level 1 ⁵⁶	Verbal Warning	3	75%
Level 2	Written Warning	1	25%
Level 3	Notice to Comply	0	0%
Level 4	Legal Action	0	0%
Total		4	100%

C.6.e.iii.1.f, g ► Illicit Discharges

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

⁵⁴Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁶For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ► Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	4	100% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year ⁵⁹	4	100%
Comments: All violations were resolved within 30 days. We also send letters out for winterization prior to the rainy season in an effort to ensure that the sites have adequate time to install BMPs, and the majority of the warnings came during the first month of inspections.		

C.6.e.iii.(2) ► Evaluation of Inspection Data

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

Description:
 We will continue to monitor our Inspection efforts and how the data is input into the system and make the necessary improvements to help streamline the process. Sediment, erosion control, and site management continue to be common violations. This is likely due to improper installation of silt fences and fiber rolls, and stockpiling which are fairly common BMPs. Most often these improper installations are quickly and easily corrected, so no changes to procedures would be recommended at this time.

C.6.e.iii.(2) ► 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:
 Inspectors may handle possible violations in the field first, before documenting a verbal warning. For example, directing the site representative to fix a small issue with fiber rolls or a silt fence by the end of the day instead of documenting the verbal warning and scheduling a documented follow-up. Because the number of documented verbal warnings is low in comparison to the total number of inspections, no changes to procedure are recommended at this time.
 Inspectors participated in or attended the May 5, 2015 Construction Site Stormwater Inspector Training Workshop.

⁵⁷Calculated 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.
⁵⁸Calculated 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.
⁵⁹The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Site Stormwater Treatment Inspector Training Workshop	05/05/2015	Stormwater Regulatory Landscape at Construction Sites, Inspecting Construction Site BMPs, Overview of C.3.h Requirements in MRP 1.0 and the future, and Inspecting, Operating and Maintaining Stormwater Treatment Systems	2	100%

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

C.7.b.ii.1 ► Advertising Campaign

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

Summary:

See Section 7, Public Information and Outreach, of the SMCWPPP FY 14-15 Annual Report. In addition, the following separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign

- BASMAA Be the Street Campaign Report

C.7.b.iii.1 ► Pre-Campaign Survey

(For the Annual Report following the pre-campaign survey) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 11-12 Annual Report.

Place an X in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal:

C.7.b.iii.2 ► Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report.

Place an X in the appropriate box below:

	Survey report attached
X	Reference to regional submittal:

C.7.c ► Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:

Media relation efforts were conducted on a regional level.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 14-15:

- **BASMAA Media Relations Final Report FY 14-15**

Media relations efforts conducted countywide are described in the C.7 Public Information and Outreach section of SMCWPPP's FY 14-15 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 14-15:

No changes made during FY 14-15.

Refer to the C.7 Public Information and Outreach section of SMCWPPP's FY 14-15 Annual Report for efforts conducted by the SMCWPPP to publicize stormwater points of contact.

C.7.e ► Public Outreach 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

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Coastal Cleanup Day, September 20, 2014	City promoted event through publically available fliers and posters. See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.	See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.
Hosted Several Free HHW Collection Events Dates: 7/26/2014, 10/25/2014, 3/28/2015 Location: Public Works Corporation Yard	Sponsored and conducted by San Mateo County Household Hazardous Waste Program to provide local residents an opportunity to properly dispose of HHW. The main method of informing the public was through an e-mail distribution list.	
San Mateo County Fair, June 6-14, 2015	City promoted event through fliers, posters and electronic media. See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.	See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.
Canada College Earth Day – Pollution Prevention Outreach Tabling Event by SMCEH April 22, 2015	Event was held at Canada College. The overall audience was eco-friendly and the messaging fell on receptive ears.	Approximately 150 total attendees with roughly 45 visiting booth. Materials provided included: Car wash coupons, 10 Most Wanted Bugs, You are the Solution to Pollution, Less-toxic cleaning fact sheet, Pollution Prevention Post newsletter, Pests Bugging You? Booklet, Dirty Dozen & Clean Fifteen pocket guide, Seafood Watch Guides, Too Toxic to Trash Guides, Rain Barrel Rebate Program postcard, Healthy Nail Salon Program coupons

C.7.f. ► 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:

A summary of efforts conducted by SMCWPPP to work with Watershed Stewardship Groups on a countywide level is included within the Public Information and Outreach section of the SMCWPPP FY 14-15 Annual Report.

C.7.g. ► Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
Annual Levee Cleanup, August 23, 2014	The City, in conjunction with the Redwood Shores Community Association, sponsors the event. Volunteers remove litter and illegally dumped trash from the waterfront and levees. City promoted event through electronic media.	7 miles of levee surrounding the Redwood Shores area was cleaned.
Coastal Cleanup Day, September 20, 2014	City promoted event through publically available fliers and posters. See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.	See details in section C.7 of SMCWPPP's FY 14-15 Annual Report.
Annual Fall Cleanup, September 27, 2014	Organized, promoted, and participated in the collection of litter and illegal dumping throughout the City. Primary means of promotion was through electronic media.	Approximately 200 volunteers participated to remote litter and help beautify the City. Locations included Chestnut Street, Downtown, Hoover School, Marshall Street, Redwood Creek, Rolison Road, Stulsaft Park, Union

		Cemetery, Veteran's Boulevard, Woodside Road.
Romancing the Creek, February 14, 2015	City provided equipment and staff to assist in the cleanup of Redwood Creek.	

C.7.h. ► 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.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
A description of School-age Children Outreach efforts conducted at the countywide level by SMCWPPP is included within the Public Information and Outreach section of the SMCWPPP FY 14-15 Annual Report	See SMCWPPP FY 14-15 Annual Report for details.	See SMCWPPP FY 14-15 Annual Report for details.	See SMCWPPP FY 14-15 Annual Report for details.
"The H2O Show" by EarthCapades environmental vaudeville	Elementary-aged students and their teachers learned about the seriousness of the drought and ways to conserve water.	4088 students 16 Total shows: Henry Ford School (2) Redeemer Lutheran School (1) Our Lady of Mt. Carmel (2) Adelante Spanish (1) St. Pius Elementary School (2) Roosevelt Elementary (2) Hoover Community School (2)	Questionnaire completed by instructors/teachers showed that 72% of them rated the program as "Excellent" on the "use of live presentation, musical elements, and audience participation in keeping student attention and communicating the message."

		Roy Cloud School (2) Taft Community School (2)	
20 th Annual Redwood City Water Conservation Poster Contest Grades: K-5	<p>“Be a Drought Buster with H2O Joe” was the theme for the year. Program provides a fun, artistic outlet for students to demonstrate their learnings and understanding about water conservation.</p> <p>Prior to creating a poster, teachers are asked to order water conservation curriculum and materials for each student to help educate them about the importance of conserving our drinking water.</p> <p>To promote participation, the program offers gift certificates to the classroom, school, teacher, and students at certain milestones or for submission winners.</p> <p>Submission winners are also presented an award by the Mayor at a City Council meeting.</p>	1516 Students participated in creating posters	12 entries are selected to be used in a Water Conservation Calendar. In total, we distributed 2753 calendars, helping to promote water conservation.
“That’s Tuolumne In My Tap” classroom presentation by Tuolumne River Trust	Presentation given to 4 th , 5 th , and 6 th grade-level students on the source of tap water, water conservation, and “good stewardship of natural resources”.	Approximately 100 students	Presentation utilized California State Science Standards content to reinforce learning for STAR testing.
Indoor WaterWise Kit: The WaterWise and LivingWise kits enable the students to perform a water and/or energy audit in their homes or yards and to install water-saving and energy-saving devices on select fixtures (e.g., showerheads or	The kits are typically taken home by the students, who may share the learning experience with their family members. The energy and water efficient devices contained in the kits are installed in the home and the family is able to calculate the water	Approximately 400 students, non-inclusive of the family members they engage at home	After the student performs the audit and installs the water and energy savings devices, a survey is completed by the parents, collected by the teacher, and forwarded to Water Wise for program documentation of implementation and resulting savings.

<p>garden hose spray nozzles). As part of this Program, RAP provides a water and energy conservation curriculum that can be easily implemented by teachers, easily understood and taken back into the home by the students, and includes methods to quantify the water and energy savings as a result of taking the actions described in the curriculum.</p>	<p>savings resulting from each device. Essentially the kit allows the student to perform in-home water audit. The kit includes:</p> <ul style="list-style-type: none"> • High-efficiency Showerhead (1.75 G.P.M. max) • Kitchen Aerator (1.5 G.P.M. W/Swivel, Flip & Multi-Spray) • Bathroom Aerator (1.0 G.P.M. max w/Flip) • Digital Thermometer • Toilet Leak Detector Tablets • Teflon Tape • Miniature Tape Measure • Rain / Drip Gauge • Natural Resource Facts Slide Chart • Flow Rate Test Bag • BAWSCA-supplied information materials 		
<p>Outdoor WaterWise Kit: (under the same program as above)</p>	<p>The kit includes:</p> <ul style="list-style-type: none"> • Garden Hose Spray Nozzle • Garden Hose Timer • Male End Garden Hose Replacement • Rain / Drip Gauge • Soil Moisture Meter • Watering Schedule Magnet • BAWSCA-supplied information materials 	<p>Approximately 325 students, non-inclusive of the family members they engage at home</p>	<p>After the student performs the audit and installs the water and energy savings devices, a survey is completed by the parents, collected by the teacher, and forwarded to Water Wise for program documentation of implementation and resulting savings.</p>

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 14-15, we participated through SMCWPPP in the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups through SMCWPPP and BASMAA. For additional information on monitoring activities conducted by SMCWPPP, BASMAA RMC and the RMP, see SMCWPPP's Urban Creeks Monitoring Report, which will be submitted by March 15, 2016 per MRP Provision C.8.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance						
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 Used ⁶⁰						
Pesticide Category and Specific Pesticide Used	Amount ⁶¹					
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Organophosphates	None	None	None	None	None	None
Pyrethroids						
Deltamethrin	0.48 oz.	None	None	None	None	None
Carbaryl	None	None	None	None	None	None
Fipronil	None	None	None	None	None	None

C.9.c ► Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	21
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	21
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

⁶⁰Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹Weight or volume of the product or preferably its active ingredient, using same units for the product each year. 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: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

C.9.d ▶ 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
If yes, attach one of the following:					
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR				
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR				
<input type="checkbox"/>	Equivalent documentation.				
If Not attached , explain:					
Attached:					
<ul style="list-style-type: none"> • Contract letter between City of Redwood City and Terminix Pest Control Company • Terminix IPM certifications 					

C.9.e ▶ Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary:	
<p>During FY 14-15, we participated in regulatory processes related to pesticides through SMCWPPP, BASMAA and CASQA. For additional information, see the regional report submitted by BASMAA on behalf of all MRP Permittees.</p> <p>Redwood City Parks Manager chairs the SMCWPPP Parks/IPM Workgroup.</p>	

C.9.f ▶ Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.					

C.9.h.ii ► Public Outreach: Point of Purchase

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

Summary:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 14-15 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

C.9.h.vi ► 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); **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 the SMCWPPP FY 14-15 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture

Provide the following:

- 1) Total number and types of full capture devices (publicly and privately-owned) installed to-date;
- 2) Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees); and, compare with the total required in the permit.
- 3) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices. Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions.

Type of Device	# of Devices	Acres Treated in FY 14-15 by Trash Generation Category				
		Low	Moderate	High	Very High	Total
Connector Pipe Screens/Filters	360	19	402	135	0	556
Total for all Types	360	19	402	135	0	556
Required by Permit						93

Maintenance Summary (Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions).

Maintenance of each full-trash capture device, including cleaning and inspection, occurs at least once prior to the wet season, after each major storm event, and as necessary. City staff perform cleanings with a Vactor truck and a daily report is completed summarizing cleaning activities. For FY 14-15, the City did not have any performance issues or failures associated with any of the installed devices.

In FY 14-15, the City also participated in the initial development of a Model Trash Full Capture Device Operation and Maintenance (O&M) Verification Program initiated by SMCWPPP. The model program is intended to provide Permittees with a template for documenting O&M procedures, including inspection and maintenance frequencies. Over the course of the next year, the City plans to further document the city-specific O&M verification program by tailoring the Model Program developed by SMCWPPP to incorporate city-specific characteristics/processes. Additional details on the City's O&M verification program will be included in our FY15-16 Annual Report.

C.10.b.iii ► Trash Hot Spot Assessment

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2014-15 to the extent possible. Also, provide additional information on creek cleanups conducted beyond those required.

Trash Hot Spot	FY 14-15 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					Dominant Type(s) of Trash in FY 2014-15	Trash Sources in FY 2014-15 (where possible)
		FY 2010-11	FY 2011-12*	FY 2012-13	FY 2013-14	FY 2014-15		
RCY01	6/12/2015	1.5	7.3	0.5	3.0	2.2	Convenience/Fast Food items, Cigarette butts, Bottles (plastic or glass), Paper and cardboard, Fabric and cloth	Litter, Other, Illegal dumping
RCY02	4/25/2015	4.0	N/A	2.4	2.5	1.8	Convenience/Fast Food items, Bottles (plastic or glass), Cigarette butts, Other plastic products, Glass pieces	Litter, Homeless encampments
RCY03	4/25/2015	8.0	N/A	0.8	5.2	3.9	Convenience/Fast Food items, Bottles (plastic or glass), Cigarette butts, Aluminum cans, Other plastic products	Litter, Illegal dumping

Additional Receiving Water Cleanups – If claimed as load reductions described in C.10.d – part C, describe the number and frequency of receiving water cleanups conducted in addition to those reported above. Include locations, cleanup dates, and the total volume of trash removed. Describe the overall plan, if any, associated with these additional cleanups if meant to change the trash condition of certain reaches of creeks or shorelines.

*In FY 11-12, the amount of trash removed from each hot spot was not logged. Rather, the bulk amount was recorded by the City's garbage collector (Recology). In future years, the coordinator assigned to each hot spot will record the type and estimate the volume of trash removed.

C.10.c ► 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.	
Description of Significant Revision	Associated TMA
<p>In FY 14-15 the City conducted a preliminary analysis of trash generation in all TMAs that was originally depicted on Trash Generation Maps included in our Long-Term Trash Load Reduction Plan. The City used a combination of desktop evaluations and field observations. Google Street View applications and On-land Visual Assessments were used to reevaluate baseline trash generation. Trash generation categories were reclassified for areas where information indicated that errors had occurred during initial/preliminary trash generation category assignments. Reclassifications to trash generation categories were used for the purposes of calculating baseline (2009) trash generation included in this report (i.e., as an input parameter to the formula used to calculate load reductions reported in section C.10.d). Additional reclassifications may occur in FY 15-16, as a result of the City's efforts to make our Baseline Trash Generation Map as accurate as possible. Our final map will be submitted consistent with the schedule included in the reissued MRP, tentatively set for adoption in late 2015.</p>	<p>2, 3, and 5</p>

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
Single-use Plastic Bag Ordinance or Policy	<p>Redwood City's City Council adopted a reusable bag ordinance on March 25, 2013, which prohibits single-use plastic bags from being distributed. Although enforcement and implementation of the ordinance went into effect on October 1, 2013, affected businesses were allowed to implement the plastic bag ban and begin charging for paper bags prior to the October 1 start-date.</p> <p>Enforcement of the bag ordinance is being conducted by San Mateo County and will be complaint-based.</p> <p>Prior to adoption of the ordinance, two public informational meetings were held to help residents and businesses understand the scope and impact. The two meetings were held at the City downtown library and were held on:</p> <ul style="list-style-type: none"> • Wednesday, February 13, 2013. 2pm • Tuesday, February 19, 2013. 7pm <p>See attachment for City webpage dedicated to reusable bag ordinance information.</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p> <p>The City developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1.) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the 	<p>Results of assessments conducted by the County of San Mateo on behalf of all municipalities in San Mateo County indicate that the City's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges, the City concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a result of the City's ordinance.</p>	7%

		<p>Regional Trash Generation Study conducted by BASMAA;</p> <p>2) 95% of single use plastic bags distributed in the City are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and</p> <p>3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4, of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances.</p>		
<p>Expanded Polystyrene Food Service Ware Ordinance or Policy</p>	<p>On May 7, 2012, Redwood City adopted an ordinance which prohibits Styrofoam and the ban went into effect on January 1, 2013. In conjunction with the City, San Mateo County reached out to businesses affected prior to January 1, 2013 to inform them of the ban. The County's Environmental Health Division administers and enforces the ordinance and can issue fines against offenders.</p> <p>See attachment for information provided to the public, via the City website, related to the ban.</p>	<p>Although the City has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the City's ordinance.</p>	<p>Results of assessments that are representative of the City, but were conducted by the cities of Los Altos and Palo Alto, indicate that City's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result - an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated</p>	<p>5%</p>

		<p>Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos' and Palo Alto's.</p> <p>The City developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1.) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 80% of EPS food ware distributed by food vendors or sold via stores in the City is affected by the implementation of the ordinance; and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the 	<p>average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.</p>	
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		City of Palo Alto and City of Los Altos.		
Other Source Control Actions with sufficient documentation and supporting assessment				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

Complete the following trash control measure implementation and assessment summary for each primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generated very high (VH), high (H), moderate (M), or low (L) levels of trash in 2009, as depicted on trash generation maps;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Provide the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % and acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories that are currently treated by full capture devices in the TMA;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories in areas associated with actions other than full capture devices in the TMA;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and %of TMA addressed.
- Provide the acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices;
- Provide the acres in VH, H, M or L generation categories after accounting for reductions associated with ALL control measures (i.e., full capture and other actions) implemented to-date in the TMA
- Provide an estimate of the % of trash reduced in the TMA as a result of ALL control measures implemented to-date in the TMA. using the following formula:

$$\% \text{ Reduction} = 100 [(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)}) - (12A_{VH} + 4A_H + A_M)] / (12A_{VH2009} + 4A_{H2009} + A_{M2009})$$

where:

- $A_{VH(2009)}$ = total amount of the 2009 very high trash generation category in jurisdictional area
- $A_{H(2009)}$ = total amount of the 2009 high trash generation category in jurisdictional area
- $A_{M(2009)}$ = total amount of the 2009 moderate trash generation category in jurisdictional area
- A_{VH} = total amount of very high trash generation category in jurisdictional area in the reporting year
- A_H = total amount of high trash generation category in jurisdictional area in the reporting year
- A_M = total amount of moderate trash generation category in jurisdictional area in the reporting year
- 12 = Very High to Moderate weighing ratio
- 4 = High to Moderate weighing ratio
- 100 = fraction to percentage conversion factor

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
1	718	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	1	219	457	42
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	115	223	1
	339	This TMA has: 244 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	1	104	233	40
	<p>In August of 2013, the City acquired a Madvac LR50 ride-on vacuum to complement existing street sweeping and further reduce trash loads within the downtown area. City staff operates the Madvac unit five days per week (Monday through Friday), sweeping the areas:</p> <ul style="list-style-type: none"> • Broadway between Main St. and El Camino Real • Main St. between Middlefield Road and Marshall St. • Jefferson Ave. between Middlefield Road and Marshall St. • Theater Way between Winslow St. and Marshall St. • Hamilton St, between Winslow St. and Marshall St. • Winslow St. between Theater Way and Marshall St. • Middlefield Road between Main St. and Winslow St. • Stambaugh St. between Main St. and Winslow. • Broadway between Walnut St. and Main St. • California St. between Broadway and James Ave. • Redwood Creek between Main St. Parking lot and Marshall St. Parking Garage • City Hall parking lot • Perry St. parking lot • Pizza and Pipes parking lot <p>City staff estimates that approximately 120 gallons of trash per day is removed via the Madvac.</p>				Area after Accounting for Other Actions (based on assessment results)	1	104	233

In addition to the Madvac, the City has begun conducting on-land cleanups within the downtown area. One person is tasked with removing litter for 2 hours per day, 5 days per week.

To combat cigarette butts, the City has installed approximately 20 specialty cigarette butt bins within the downtown area and some City-owned facilities. City staff is responsible for the maintenance and cleaning of said bins.

Implemented Prior to and continuing after the MRP effective date:

The City sweeps the downtown area four times per week, between the hours of 4:00am to 6:00am. All other areas, including residential, are swept once per month.

The City entered into a maintenance agreement with CalTrans to sweep the following:

- 2.4 mile stretch of El Camino Real (CA Highway 82) from Berkshire Avenue to the northwest City limits at Cordilleras Creek, once per week.
- 2.9 mil stretch of Woodside Road (CA Highway 84) between Broadway and Alameda de las Pulgas, once per month

In 2008, the City implemented a pilot parking enforcement for street sweeping on Douglas Ave (between Spring St. and Middlefield Road) and Marshall Street (between Chestnut St. and Maple St.). Signs state that there is no parking on the last Thursday or last Friday of each month between 7:00am and 9:00am. Consequently, the sweeper is able to reach the curb and the City intends to continue with the program due to the success in reducing trash loads in this area.

The City's Parks and Recreation Department perform on-land cleanups and trash container management seven days per week for Hoover Park, Jardin de Ninos and Mezes Park. A total of 19 full-time staff and 5 seasonal staff are tasked with maintaining the parks within the City. In addition, Parks and Recreation also perform on-land cleanups of the 2.4 mile stretch of El Camino Real's median.

The City also hosts two annual on-land cleanups (spring and fall), with several hundred volunteers participating to remove litter and illegally dumped trash from schools, the waterfront, parks and streets. The City-supported Pride and Beautification Committee sponsors the events and Recology provides support through services, staff, and funding.

Assessment Methods for Control Measures Other than Full Capture Devices

	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
	No assessments were conducted in this TMA							
				Area After Taking into Account Full Capture Devices AND Other Actions	1	104	233	380
				Estimated % Trash Reduction in this TMA	51%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
2	134	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	4	17	112	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	25	0
	25	This TMA has: 10 Connector Pipe Screens/Filters.						
Actions other than	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	4	17	88	0

<p><u>Implemented Prior to and continuing after the MRP effective date:</u> All streets within TMA #2 are swept once per month between the hours of 4:00 am and 6:00 am (commercial and industrial) or between 7:30 am and 2:00 pm (residential). Due to the street sweeping times in commercial and industrial areas, parked cars are not a major issue and the sweeper is able to effectively reach the curb. The presence of parked cars within the residential areas is highly variable due to the time window.</p> <p>The Parks and Recreation Department perform on-land cleanups and trash container management daily (7 days per week) as part of their maintenance and landscaping activities at Andrew Spinus Park.</p>	<p>Area after Accounting for Other Actions (based on assessment results)</p>	4	17	88	0	
						Assessment Methods for Control Measures Other than Full Capture Devices
						<p>To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.</p>
						Summary of Assessment Results
No assessments were conducted in this TMA						
Area After Taking into Account Full Capture Devices AND Other Actions		4	17	88	25	
Estimated % Trash Reduction in this TMA		11%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
3	494	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	3	181	271	38

Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices	Area Treated by Full Capture Devices	0	19	127	0
	146	This TMA has: 84 Connector Pipe Screens/Filters.					
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption		Area <u>Not</u> Treated by Full Capture Devices	3	162	145	38
	<p><u>Implemented Prior to and continuing after the MRP effective date:</u> Street sweeping occurs once per week on El Camino Real and Woodside Road. All other streets within TMA #3 are swept once per month between the hours of 4:00 am and 6:00 am (commercial and industrial) or between 7:30 am and 2:00 pm (residential). Due to the street sweeping times in commercial and industrial areas, parked cars are not a major issue and the sweeper is able to effectively reach the curb. The presence of parked cars within the residential areas is highly variable due to the time window.</p> <p>The Parks and Recreation Department perform on-land cleanups and manage trash containers daily (7 days per week). The following four parks fall within TMA #3: Hawes Park, Palm Park, Fleishman Park, Linden Park. In addition, the Parks and Recreation Department conducts on-land cleanup of the El Camino Real median within TMA #3. Typical trash removed includes food and beverage ware, food packaging, and cigarette butts.</p> <p>As mentioned previously, the two annual on-land cleanups by the Pride and Beautification Committee also occurs with the boundaries of TMA #3. The areas included in the cleanups are: Union Cemetery and James Ave between Elwood St. and El Camino Real.</p>		Area after Accounting for Other Actions (based on assessment results)	3	162	145	38
	Assessment Methods for Control Measures Other than Full Capture Devices						
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.						
	Summary of Assessment Results						

No assessments were conducted in this TMA						
		Area After Taking into Account Full Capture Devices AND Other Actions	3	162	145	184
		Estimated % Trash Reduction in this TMA	20%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
4	122	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	0	21	44	57
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	1	11	2
	15	This TMA has: 10 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	20	33	55
	<p><u>Implemented Prior to and continuing after the MRP effective date:</u> El Camino Real is swept once per week, between the hours of 4:00 am and 6:00 am. All other streets within TMA #4 are swept once per month between the hours of 4:00 am and 6:00 am (commercial and industrial) or between 7:30 am and 2:00 pm (residential). Due to the street sweeping times in commercial and industrial areas, parked cars are not a major issue and the sweeper is able to effectively reach the curb. The presence of parked cars within the residential areas is highly variable due to the time window.</p> <p>In addition, the Parks and Recreation Department conducts on-land cleanup of the El Camino Real median within TMA #4 weekly or twice per week, depending on season. Typical trash removed includes food and beverage ware, food packaging, and cigarette butts.</p>			Area after Accounting for Other Actions (based on assessment results)	0	22	25	61
	Assessment Methods for Control Measures Other than Full Capture Devices							

<p>To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.</p>					
	Summary of Assessment Results				
	<p>A total of 6 assessments were performed at 3 sites in this TMA using the on-land visual assessment protocol. Approximately 3,100 linear feet (18%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 11% were L, 48% were M, 41% were H, and 0% were VH.</p>				
Area After Taking into Account Full Capture Devices AND Other Actions		0	22	25	76
Estimated % Trash Reduction in this TMA		13%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
5	404	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	0	13	309	81
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	16	0
	16	This TMA has: 7 Connector Pipe Screens/Filters.						
Actions other than	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	13	293	81

<p><u>Implemented Prior to and continuing after the MRP effective date:</u> All streets within TMA #5 are swept once per month between the hours of 4:00 am and 6:00 am (commercial and industrial) or between 7:30 am and 2:00 pm (residential). Due to the street sweeping times in commercial and industrial areas, parked cars are not a major issue and the sweeper is able to effectively reach the curb. The presence of parked cars within the residential areas is highly variable due to the time window.</p> <p>As mentioned previously, the two annual on-land cleanups by the Pride and Beautification Committee also occurs with the boundaries of TMA #5. The area included in the cleanup is Bayfront Canal, between Douglas Court and the City limits.</p>	<p>Area after Accounting for Other Actions (based on assessment results)</p>	0	13	293	81	
						Assessment Methods for Control Measures Other than Full Capture Devices
						<p>To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.</p>
						Summary of Assessment Results
No assessments were conducted in this TMA						
Area After Taking into Account Full Capture Devices AND Other Actions		0	13	293	97	
Estimated % Trash Reduction in this TMA		4%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
6	7,231	Pedestrian litter, Vehicles	Plastic bottles, food packaging, cigarette butts	Baseline Generation Areas (2009)	0	0	264	6968

Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices	Area Treated by Full Capture Devices	0	0	0	16
	16	This TMA has: 5 Connector Pipe Screens/Filters.					
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption		Area Not Treated by Full Capture Devices	0	0	263	6952
	<p><u>Implemented Prior to and continuing after the MRP effective date:</u> All streets within TMA #2 are swept once per month between the hours of 4:00 am and 6:00 am (commercial and industrial) or between 7:30 am and 2:00 pm (residential). Due to the street sweeping times in commercial and industrial areas, parked cars are not a major issue and the sweeper is able to effectively reach the curb. The presence of parked cars within the residential areas is highly variable due to the time window.</p> <p>The Parks and Recreation Department perform on-land cleanups and manage trash containers daily (7 days per week). The following sixteen parks fall within TMA #6: Dolphin Park, Dove Beeger Park, Garrett Park, Maddux Park, Marlin Park, Mariner Park, Red Morton Community Park, Sandpiper Park, Shannon Park, Shorebird Park, Shore Dogs Park, Stafford Park, Stulsaft Park, Wellesley Crescent Park, Westwood Park, 3.5 acre park on Shearwater Parkway. In addition, the Parks and Recreation Department perform on-land cleanups of the following thoroughfares weekly: Redwood Shores Parkway, Radio Road, Marine Parkway median, Shearwater Parkway median, Shell Parkway median, Bridge Parkway (which includes Redwood Shores library grounds).</p> <p>In collaboration with the Redwood Shores Community Association, the City also sponsors the annual Redwood Shores Levee Cleanup event where volunteers remove litter illegally dumped from the waterfront and levee.</p>		Area after Accounting for Other Actions (based on assessment results)	0	30	103	7082
	Assessment Methods for Control Measures Other than Full Capture Devices						
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of						

<p>Redwood City conducted 22 visual assessments at 11 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 11,300 linear feet of streets and sidewalks were assessed.</p>					
<p>Summary of Assessment Results</p>					
<p>A total of 16 assessments were performed at 8 sites in this TMA using the on-land visual assessment protocol. Approximately 8,200 linear feet (18%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 49% were L, 39% were M, 12% were H, and 0% were VH.</p>					
<p>Area After Taking into Account Full Capture Devices AND Other Actions</p>		0	30	103	7098
<p>Estimated % Trash Reduction in this TMA</p>		15%			

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of 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 estimate on the information presented in C.10.d – Parts A and B and receiving water cleanups not reported in C.10.b.iii.

Discussion of Trash Reduction Estimate (including Receiving Water Cleanups):

The trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the City’s municipal separate stormwater sewer system (MS4). These estimates were developed consistent with the trash reduction framework developed in collaboration with Water Board staff in 2013-14, and the Pilot SMCWPPP Trash Assessment Strategy submitted to the Water Board in February 2014. All estimates are based on available information collected by the City and are subject to revision by the City based on additional information on the effectiveness of trash controls, the magnitude and extent of trash control measure implementation, and/or the levels of trash discharged from the City’s MS4.

Trash reduction estimates were based on initial data collection efforts that began in FY 13-14 and continued through FY 14-15. Reductions associated with jurisdictional-wide trash control measures, trash full capture devices, other TMA-specific control measures, and trash cleanup events in local creeks and shorelines are included. Reductions associated with jurisdictional-wide actions are based on a combination of data collection and observations applicable to the City. Reductions associated with trash full capture devices assume that trash generated in areas treated by effectively maintained devices reduce trash to a level of “no adverse impacts” to local water bodies. For control measures other than full capture devices, all reduction estimates are based on empirical observations of current trash levels (i.e., on-land visual assessments) and associated reductions in applicable trash management areas. Reductions associated with creek and shoreline cleanups are based on the amount of trash removed via these cleanups in FY 14-15, in comparison to baseline trash generation in the City. For creek and shoreline cleanups, the load reduction accounting formula included in the MRP 2.0 Tentative Order was used.

Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)	12%
Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B)	28%
Estimated % Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Devices in All TMAs) (as Reported in C.10.d. – Part B)	1%
SubTotal for Above Actions	41%
Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)	
Total Estimated % Trash Reduction FY 14-15	41%

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Please refer to SMCWPPP’s FY 2014/15 Annual Report for details regarding countywide efforts to promote and facilitate collection and recycling of mercury containing devices and equipment at the consumer level through San Mateo County Health Department’s Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

Additionally, Redwood City hosted several special drop-off collection events held by San Mateo County at our corporation yard. Dates of the events during FY 14-15 included:

- July 26, 2014
- October 25, 2014
- March 28, 2015

Finally, beginning March 1, 2015, Redwood City partnered with RethinkWaste to offer an “At Your Door Special Collection” that will conveniently collect HHW from single-family, condos, townhomes and apartments. Eligible residents are able to utilize the service any number of times at no separate or additional cost beyond their standard garbage bill. Items that can be collected through the Door-to-Door program include:

- Paint and supplies
- Automotive products
- Batteries
- Insecticides, herbicides, and pesticides
- Florescent lights, tubes & CFLs
- Computer monitors, laptops, computers, cell phones and electronics

C.11.a.ii ► Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Please refer to the FY 14-15 SMCWPPP Annual Report for an estimate of the mass of mercury collected through the San Mateo County Health Department’s Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁶² (linear feet)	N/A	N/A

⁶²Only linear fluorescent lamps should be included

CFLs ⁶³ (each)	N/A	N/A
Thermostats ⁶⁴ (each)	N/A	N/A
Thermostats (lbs)	N/A	N/A
Thermometers (each)	N/A	N/A
Switches (lbs)	N/A	N/A
Total Mass of Mercury Collected During FY 2014-2015:		N/A

⁶³Only compact fluorescent lamps should be included

⁶⁴Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

- C.11.b ▶ Monitor Methylmercury**
- C.11.c ▶ Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ▶ Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ▶ Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ▶ Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ▶ Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of SMCWPPP and regional accomplishments for these sub-provisions is included within the C.11 Mercury Controls section of SMCWPPP's FY 14-15 Annual Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

The current inspection worksheet requires the inspector to determine if any POC (including PCBs) is detected.

C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff

C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of SMCWPPP and regional accomplishments for these sub-provisions is included within the C.12 PCBs Controls section of SMCWPPP's FY 14-15 Annual Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(2) ▶ Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

SMCWPPP collaborated with BASAMAA to develop BMPs to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post construction. An educational flyer was prepared by SMCWPPP describing the appropriate BMPs and copper-related MRP requirements. The brochure is provided to any applicant that indicates they plan to use architectural copper.

Any necessary enforcement action is implemented through the City's enforcement response plan.

Staff also participated in the May 5, 2015 Construction Site Inspection Workshop for municipal staff.

C.13.d.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

No conducted inspection resulted in the use of copper reduction BMPs.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

Note: There are no reporting requirements in the FY 14-15 Annual Report for Section C.14.

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: Staff participated in the SMCWPPP Water Utility Work Group, as well as the State Board Implementation Workshop held on March 6 for the State Drinking Water System General Permit.				

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

	Date	Location	Receiving Water Body	Description of Work or Event	Time Started	Time Ended	GPM	Total Gallons	Monitoring				Best Management Practices Used										
									Chlorine	post dechlor	pH	Turbidity	Silt Bags	Damming	Filter Bags	Sodium Dechlor.	Ascorbic Acid Dechlor.	Discharge to Sewer / Tank	Sweep Gutter	Vacuum / Vactor	Baker Tank	Other	
1	8/20/2014	spring & hurlingame	redwood creeks	fireflow	215pm	220pm	1,026	5,130	2.2	0.0	9	<20			x	x			x				
2	8/20/2014	23 don ct	redwood creeks	fireflow	845am	850am	852	4,260	2.0	0.0	9	<10			x	x			x				
3	8/20/2014	2945 Hopkins	redwood creeks	fireflow	1045am	1050am	698	3,490	2.1	0.0	9	<5			x	x			x				
4	10/4/2014	979 Arlington	redwood creeks	fireflow	1040am	1045am	237	1,186	2.1	0.0	9	<5			x	x			x				
5	10/4/2014	100 cardinal wy	redwood creeks	fireflow	930am	935am	2,014	6,044	2.1	0.0	9	<5			x	x			x				
6	10/29/2014	Arlington & Durlston	redwood creeks	fireflow	900am	905am	237	1,186	2.3	0.0	9	<5			x	x			x				
7	10/30/2014	Monaco & Shearwater	redwood creeks	fireflow	100pm	103pm	2,352	7,058	2.5	0.0	9	<3			x	x			x				
8	11/5/2014	425 Broadway	redwood creeks	fireflow	1100am	1102am	1,026	2,052	2.0	0.0	9	<5			x	x			x				
9	11/5/2014	Bay & warrington	redwood creeks	fireflow	1245pm	1250pm	1,077	5,385	2.0	0.0	9	<5			x	x			x				
10	11/25/2014	506 Seabrook	redwood creeks	fireflow	950am	1020am	30	900	2.1	0.0	9	<5			x	x			x				
11	1/22/2015	3 lagoon dr	redwood creeks	fireflow	1052am	1054am	1,006	2,012	2.5	0.0	9	<5			x	x			x				
12	1/22/2015	1 laggon dr	redwood creeks	fireflow	1040am	1042am	992	1,985	2.6	0.0	9	<3			x	x			x				
13	1/25/2015	520 woodside	redwood creeks	fireflow	1130am	1140am	300	3,000	2.6	0.0	9	<3			x	x			x				
14	2/11/2015	1 laggon dr	redwood creeks	fireflow	830am	840am	1,121	11,210	2.2	0.0	9	<4			x	x			x				
15	2/11/2015	finger & hyde	redwood creeks	fireflow	105pm	110pm	914	4,570	2.2	0.0	9	<3			x	x			x				
16	2/11/2015	mueller ct	redwood creeks	fireflow	205pm	210pm	780	3,900	2.4	0.0	9	<20			x	x			x				
17	2/12/2015	2300 middlefield	redwood creeks	fireflow	915am	925am	974	9,740	2.3	0.0	9	<3			X	X			x				
18	2/14/2015	699 seaport	redwood creeks	fireflow	1015am	1020am	974	4,870	2.2	0.0	9	<3			x	x			x				
19	3/11/2015	435 winfield	redwood creeks	fireflow	1130am	1140am	493	4,930	1.7	0.0	9	<10			x	x			x				
20	3/12/2015	3098 Mueller	redwood creeks	fireflow	915am	925am	50	500	1.7	0.0	9	<5			x	x			x				
21	3/12/2015	12 sycamore ct	redwood creeks	fireflow	105pm	115pm	349	3,490	1.5	0.0	9	<10			x	x			x				
22	3/12/2015	1700 sierra	redwood creeks	fireflow	155pm	205pm	698	6,980	1.8	0.0	9	<5			x	x			x				
23	3/12/2015	1759 kansas	redwood creeks	fireflow	130pm	140pm	604	6,040	1.9	0.0	9	<5			x	x			x				
22	3/12/2015	1587 hawes ct	redwood creeks	fireflow	850am	900am	493	4,930	1.5	0.0	9	<5			x	x			x				
23	3/12/2015	702warrington	redwood creeks	fireflow	1030am	1040am	493	4,930	1.7	0.0	9	<5			x	x			x				
24	3/16/2015	306 Tadley ct	redwood creeks	fireflow	1040am	1050am	349	3,490	1.5	0.0	9	<5			x	x			x				
25	3/16/2015	480 Northumberlandin	redwood creeks	fireflow	130pm	140pm	349	3,490	1.8	0.0	9	<5			x	x			x				
26	3/26/2015	540 Roosevelt	redwood creeks	fireflow	930am	935am	914	4,570	2.1	0.0	9	<5			x	x			x				
27	4/10/2015	Chestnut & hilton	redwood creeks	fireflow	1030am	1035am	940	4,700	2.0	0.0	9	<2			x	x			x				

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System

	Date	Location	Receiving Water Body	Description of Work or Event	Time Discovered	Time of 1st Response	Time Ended	GPM	Total Gallons	Monitoring				Best Management Practices Used								
										Chlorine	post dechlor	pH	Turbidity	Silt Bags	Damming	Filter Bags	Sodium Dechlor.	Ascorbic Acid Dechlor.	Discharge to Sewer / Tank	Sweep Gutter	Vacuum / Vactor	Baker Tank
1	6/20/2014	435 King	redwood creek	main break	900am	915am	1000am	5	300	2.0	0.0	9	<40	x	x	x			x			
2	6/22/2014	1614 Union	redwood creek	main break	530pm	600pm	610pm	600	18,000	2.0	0.0	9	<30	x	x	x			x			
3	6/23/2014	12 Acacia	redwood creek	main break	400pm	430pm	500pm	500	30,000	2.1	0.0	9	<20	x	x	x			x			
4	6/24/2014	Hopkins & Allerton	redwood creek	main break	600pm	615pm	630pm	100	3,000	2.0	0.0	9	<30	x	x	x			x			
5	6/24/2014	1594 Gordon	redwood creek	main break	130pm	145pm	230pm	500	30,000	2.1	0.0	9	<25	x	x	x			x			
6	6/24/2014	435 King	redwood creek	main break	930am	950am	1030am	2	120	2.0	0.0	9	<10	x	x	x			x			
7	6/29/2014	Valota & Kansas	redwood creek	main break	900pm	930pm	1000pm	5	300	2.1	0.0	9	<15	x	x	x			x			
8	6/29/2014	811 Hudson	redwood creek	main break	400pm	430pm	900pm	5	1,500	2.0	0.0	9	<25	x	x	x			x			
9	7/3/2014	103 somerset	redwood creek	main break	330pm	345pm	430pm	100	6,000	2.1	0.0	9	<15	x	x	x			x			
10	7/6/2014	740 alameda de las pulgas	redwood creek	main break	700am	730am	800am	50	3,000	2.0	0.0	9	<20	X	X	X			x			
11	7/14/2014	520 Grand	redwood creek	main break	430am	500pm	530pm	10	600	2.1	0.0	9	<30	x	x	x			x			
12	7/22/2014	1923 alameda de las pulgas	redwood creek	main break	300am	345am	400am	500	30,000	2.0	0.0	9	<25	x	x	x			x			
13	8/4/2014	Hudson & Vera	redwood creek	main break	100pm	130pm	200pm	300	18,000	2.1	0.0	9	<20	x	x	x			x			
14	8/4/2014	1870 Valota	redwood creek	main break	700pm	730pm	800pm	200	12,000	2.0	0.0	9	<15	x	x	x			x			
15	8/21/2014	250 Lincoln	redwood creek	main break	130am	200am	230am	750	45,000	2.0	0.0	9	<15	x	x	x			x			
16	8/28/2014	510 avenue del ora	redwood creek	main break	400pm	415am	430am	100	3,000	2.0	0.0	9	<20	x	x	x			x			
17	8/31/2014	Taft & Vera	redwood creek	main break	200am	230am	300am	500	30,000	2.0	0.0	9	<25	x	x	x			x			
18	8/31/2014	2714 Jefferson	redwood creek	main break	815am	820am	830am	500	7,500	2.1	0.0	9	<20	x	x	x			x			
19	8/31/2014	1112 palm	redwood creek	main break	305am	315am	345am	500	20,000	2.0	0.0	9	<25	x	x	x			x			
20	9/7/2014	2nd & rolison	redwood creek	main break	630am	700am	830am	150	13,500	2.0	0.0	9	<20	x	x	x			x			
21	9/30/2014	Farmhill & Brandyrock	redwood creek	main break	1200am	1230am	100am	500	22,500	2.1	0.0	9	<30	x	x	x			x			
22	10/1/2014	Parking lot end of myrtle	redwood creek	main break	615pm	630pm	700pm	500	22,500	2.0	0.0	9	<20	x	x	x			x			
23	10/2/2014	3697 Farmhill	redwood creek	main break	1100am	1115am	1130am	500	15,000	2.0	0.0	9	<25	x	x	x			x			
24	10/2/2014	1017 Marsh rd	redwood creek	main break	600pm	630pm	100am	150	45,000	2.0	0.0	9	<20	X	X	X			X			
25	10/7/2014	12 Acacia	redwood creek	main break	500PM	515PM	515pm	500	6,500	2.0	0.0	9	<20	x	x	x			x			
26	10/16/2014	Stoney hill & country club	redwood creek	main break	900am	915am	945am	300	13,500	2.1	0.0	9	<15	x	x	x			x			
27	10/20/2014	1581 Hawes ct	redwood creek	main break	400pm	415pm	430pm	500	15,000	2.3	0.0	9	<40	x	x	x			x			
28	10/31/2014	3765 country club	redwood creek	main break	930pm	1000pm	1005pm	250	8,750	2.2	0.0	9	<20	x	x	x			x			
29	10/31/2014	1504 Gordon	redwood creek	main break	530pm	600pm	610pm	50	2,000	2.1	0.0	9	<15	x	x	x			x			

30	11/18/2014	944 Stoney hill	redwood creek	main break	340pm	400pm	900pm	100	1,500	2.0	0.0	9	<20		x	x	x			x			
31	11/6/2014	1616 Gordon	redwood creek	main break	730am	745am	830am	100	6,000	2.1	0.0	9	<20		X	X	X			X			
32	12/12/2014	1177 Adams	redwood creek	main break	330pm	345pm	845pm	15	4,500	2.2	0.0	9	<25		x	x	x			x			
33	12/12/2014	Myrtle & Harrison	redwood creek	main break	1000pm	1030pm	200am	50	10,000	2.0	0.0	9	<15		x	x	x			x			
34	12/12/2014	1569 Gordon	redwood creek	main break	600am	630am	1100am	30	8,100	2.0	0.0	9	<25		x	x	x			x			
35	12/14/2014	2599 Brewster	redwood creek	main break	1200pm	1215pm	400pm	15	3,000	2.1	0.0	9	20		x	x	x			x			
36	12/17/2014	Altamont & peidmont	redwood creek	main break	600am	630am	715am	500	37,500	2.1	0.0	9	<15		x	x	x			x			
37	12/25/2014	Lincoln & Adams	redwood creek	main break	800pm	815am	1130pm	10	6,330	2.0	0.0	9	<20		x	x	x			x			
38	12/26/2014	542 Live Oak In	redwood creek	main break	300pm	330pm	430pm	5	900	2.1	0.0	9	<20		x	x	x			x			
39	1/14/2015	James & Iris	redwood creek	main break	315pm	330pm	430pm	50	3,000	2.0	0.0	9	<20		x	x	x			x			
40	2/7/2015	3707 Brandyrock	redwood creek	main break	730pm	800pm	830pm	150	5,250	2.1	0.0	9	<20		x	x	x			x			
41	2/7/2015	3719 Farmhill	redwood creek	main break	730pm	800pm	815pm	150	6,750	2.0	0.0	9	<15		x	x	x			x			
42	2/20/2015	973 Roundhill	redwood creek	main break	800am	815am	815am	50	750	2.0	0.0	9	<15		x	x	x			x			
43	2/20/2015	944 Roundhill	redwood creek	main break	500pm	515pm	530pm	500	15,000	2.1	0.0	9	<30		x	x	x			x			
44	2/20/2015	Red Oak & Glennon	redwood creek	main break	900am	915am	930am	50	1,500	2.0	0.0	9	<20		x	x	x			x			
45	4/26/2015	2498 Roosevelt	redwood creek	main break	215pm	230pm	330pm	100	6,000	2.1	0.0	9	<25		x	x	x			x			
46	4/28/2015	2498 Roosevelt	redwood creek	main break	630pm	700pm	800pm	500	30,000	2.0	0.0	9	<25		x	x	x			x			
47	5/25/2015	2509 carson	redwood creek	main break	630pm	700pm	1000pm	100	18,000	2.0	0.0	9	<20		x	x	x			x			
48	6/2/2015	1584 Gordon	redwood creek	main break	515pm	530pm	600pm	10	300	2.1	0.0	9	<10		x	x	x			x			
49	6/12/2015	133 Woodsworth	redwood creek	main break	245pm	300pm	430pm	300	18,000	2.0	0.0	9	<25		x	x	x			x			
50	6/26/2015	Hancock & Willow	redwood creek	main break	330pm	400pm	430pm	500	30,000	2.1	0.0	9	<25		x	x	x			x			
51	6/27/2015	Hancock & Willow	redwood creek	main break	900am	920am	930am	100	2,000	2.0	0.0	9	<10		x	x	x			x			

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 City has implemented or continued several different programs to help raise awareness and encourage water conservation during this extreme period of drought.

One of the most significant water conservation programs for Redwood City is that of our Recycled Water Project. In early 2002, the City Council of Redwood City began planning the Redwood City Recycled Water Project, and the treatment facilities were completed in 2007. Since then, the City has continued to work with various Homeowner Associations and commercial customers to convert to Recycled Water. Talks have also begun with nearby cities interested in the City's recycled water.

Recently, with the approval from the Water Board, the City has begun offering recycled water to individuals for home irrigation use through a residential fill station. Highlights include:

- Recycled water is offered free of charge to residents for personal, non-business use. Limit of 300 gallons per visit.
- Residents must participate in a one-time, short safety training session prior to receiving recycled water.
- Residents must provide their own approved container to receive recycled water from city staff.

The program began in late May 2015 and has grown in popularity quite quickly. In May, we had 5 visits and distributed 805 gallons of recycled water. By June 2015, we had 183 visits and distributed 31,221 gallons. In July 2015 demand tripled to over 90,000 gallons and in August 2015, we gave out over 125,000 gallons.

Due to demand and popularity, Redwood City is considering expanding the hours of the fill station to include Saturdays as well.

Commercial customers also have the ability to obtain recycled water from the City at the applicable rate.

In addition to recycled water, Redwood City partners with BAWSCA to offer the Lawn Be Gone! Program. This program incentivizes customers (through a \$1.00 per sq. ft. rebate) to replace their lawn with water-efficient landscapes. Redwood City currently has two demonstration locations (Public Works Garden and Fire Station #12) where residents can see what a typical drought-tolerant landscape looks like. Redwood City also

hosted 7 BAWSCA landscape classes and instructional workshops. In total, over 180 attendees participated and learned about topics such as converting spray irrigation to drip, drought resistant landscape design, laundry to landscape graywater, and do-it-yourself lawn-be-gone.

The City offers free water audits, where a city employee visits a resident's home to:

1. Go over basic consumption information
2. Check for leaks
3. Check flow rates for fixtures

Either as a result of the water audit, or at the request of any resident, the City offers free water-saving fixtures such as shower heads and bath and kitchen aerators. Redwood City gave away over 250 conservation kits and low-flow fixtures to residents.

The City also has a toilet and high efficiency washer rebate program, whereby residents can get up to \$100 or \$200 back, respectively, for switching. In FY 14-15, the City processed over 100 of each rebate.

The City was very active in promoting water conservation during FY 14-15. Some of the highlights include:

- Distribution of signage such as "Brown is the new Green" lawn signs and "Water Upon Request" table signs.
- Tabling by City Staff at various events to distribute giveaways and disseminate drought-related information. Events occurred throughout the year and included:
 - July 4th Parade
 - September Salsa Festival
 - Winter Water Conservation School Presentations
 - Yacht Club Opening Day
 - Earth Day (2 days)
 - Music on the Square (2 days)
 - Music at the Park
- Utilized portable message boards to increase drought awareness on roadways.
- Email messaging, tweets, and website updates to continuously provide updates and reminders regarding the drought.

FY 2014-2015 Annual Report
Permittee Name: City of Redwood City

City of Redwood City



Attachment

Provision C.2 Municipal Operations

1. C.2.f Corporation Yard Inspection



Municipal Corporation Yard Inspection Form



Municipality: City of Redwood City

Location of Corporation Yard Inspected: 1400 Broadway Street, Redwood City, CA

Date and Time of Inspection: 08-01-2014 12pm

Name of Person and Position Conducting Inspection: Rich DelBen Sr., Utilities Specialist

A. General Good Housekeeping BMPs Being Implemented (Check all that were observed/determined):

- Clean and orderly corporation yard maintained
- Materials with potential to discharge to stormwater covered prior to rains
 - Not able to determine during inspection
- Containers are not overfilled and lids are kept closed when not in use
- Storm drain inlet labels are maintained
- A sufficient number of covered litter receptacles are used and maintained
- Materials and wastes are stored as far away from storm drain inlets as practicable
- Vehicles and equipment are maintained to minimize drips and leakage
- Spill containment kits/clean up materials available at locations where there are potential for spills
- Dry clean up methods are used for any spills or leaks
- Corporation yard maintenance staff has been trained to use BMPs listed in the Corporation Yard's Site Specific Stormwater Pollution Prevention Plan
- Describe any improvements needed: _____

B. Vehicle and Equipment Washing (Check all that were observed/determined):

- Vehicle and/or equipment washing occurs at the corporation yard, if not skip to next section**
- Washing activities are located under a roof or in a building equipped with a municipal sewer connection
- Vehicle washing area is adequately sized for vehicles being washed and to minimize drag-out from washed vehicles so there is no flow to storm drain inlets
- All vehicle washing systems are maintained and cleaned out on a regular schedule
- Outdoor equipment washing occurs and the following BMPs are used:
 - Wash area is paved and surrounded by berms or graded to prevent washwater from flowing off and stormwater from adjoining areas from flowing onto the wash area
 - Wash area is sloped to collect washwater
 - Washwaters drain to a dead-end sump or an oil-water separator connected to sanitary sewer
- Describe any improvements needed: _____

C. Vehicle and Equipment Maintenance and Repair (Check all that were observed/determined):

- Vehicle and/or equipment maintenance occurs at corporation yard, if not skip to next section**
- Vehicle and/or equipment maintenance are conducted indoors whenever feasible
- Drain and drip pans or open containers of fluids are not left lying around
- Vehicle and/or equipment maintenance and repair area is swept at least weekly

- Drip pans are used under leaky vehicles and equipment, and absorbent pads and materials are used as appropriate
- All fluids from wrecked vehicles are drained immediately using an adequately sized drain or drip pan
 - Not able to determine during inspection
- Used absorbent material from cleaning small spills is promptly and properly removed
- Vehicle and equipment maintenance are not performed outdoors during rain events unless required by emergency conditions
 - Not able to determine during inspection
- If temporary work must be conducted outdoors, a tarp, ground cloth, or drip pan is placed under the vehicle or equipment to capture spills and drips
 - Not able to determine during inspection
- Describe any improvements needed: _____

D. Fuel Dispensing (Check all that were observed/determined):

- Fuel dispensing occurs at the corporation yard, if not skip to the next section**
- Fuel dispensing area is covered by a roof or canopy so that rainwater cannot contact the fueling area
- Fueling area is paved with Portland cement (or an equivalent smooth, impervious surface) with a 2 to 4% slope to prevent ponding, and it is separated by a grade break from the rest of the site
- Signs are posted to remind employees not to top off fuel tank
- Current spill response plan is available for fuel dispensing
- Fueling area is inspected daily during use and any deficiencies found are corrected
- Describe any improvements needed: _____

E. Municipal Vehicle, Heavy Equipment, and Employee Parking (Check all that were observed/determined):

- Parking lots are swept at least weekly to prevent accumulation of trash and litter
- When surface cleaning is conducted, BASMAA's "Pollution from Surface Cleaning" BMPs are used
 - Not able to determine during inspection
- Paving and other equipment that has the potential to drip have drip pans or absorbent materials placed under the equipment to contain any leaks or spills
- Heavy equipment is inspected for leaks during each work day and repairs are made as soon as possible
- Drip pans or absorbent material are used under leaking vehicles and equipment until repairs are made
- Parking lots are inspected at least weekly to assure BMPs are used
- Describe any improvements needed: _____

F. Waste and Recycling Storage (Check all that were observed/determined):

- Dumpster and waste recycling areas are inspected, swept, and picked up daily during work days
- Rubbish and recyclables that have been collected from streets and storm drains are stored under a roof or cover, if possible
- Street sweeping waste and materials removed during storm drain cleaning are stored on a concrete or asphalt pad in a contained area. Water including decanted water from collected wastes drains to sanitary sewer or is allowed to evaporate so it doesn't flow to storm drain inlets
- Hazardous wastes are stored in compliance with hazardous waste regulations

Describe any improvements needed: _____

G. Outdoor Material Storage (Check all that were observed/determined):

Material is stored outdoors at corporation yard, if not do not complete this section

- To the extent feasible materials that must be stored outside are stored in a roofed area that is bermed to prevent contact with stormwater
- Stockpiles of raw materials that cannot be stored under a roof are kept covered when the material is not being used
- If stockpiles are so large that they cannot feasibly be stored under a roof or covered, erosion control BMPs are used at the perimeter of the stockpile and sediment controls BMPs at downstream storm drain inlet(s)
- Fluids are stored within secondary containment to prevent accidental release
- Caution and control are used when transferring liquids to minimize spills
 - Not able to determine during inspection
- Containers are kept out of pooled or standing water
 - Not able to determine during inspection
- Storage areas are inspected regularly to detect any leaks and spills
- Describe any improvements needed: _____

Additional Comments: _____

FY 2014-2015 Annual Report
Permittee Name: City of Redwood City

City of Redwood City



Attachment

Provision C.3 New Development and Redevelopment

1. C.3.e.vi Narrative Discussions

NARRATIVE DISCUSSION OF LID FEASIBILITY OR INFEASIBILITY

550 Allerton

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

The Countywide Program's infiltration/harvesting and use feasibility screening worksheet and rainwater harvesting and use worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration or harvesting and use.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 100 percent (100%) of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** On-site drainage consists of rainwater collected on the building roof. These waters will be collected through a system of pipes, routed through the building and treated through media filters prior to discharge to the City's storm drain system.
- b. **Self-treating and Self-Retaining Areas and LID treatment Measures.** The proposed building will be constructed in accordance with the City's Planned Community District zoning, which provides for a zero lot line setback. The entire the site will be covered by the building footprint and concrete sidewalks. The ability to treat water through landscaping in this case is infeasible due to the lack of landscaping onsite.
- c. **Maximizing Flow to LID Features and Facilities.** Not applicable (see sections 2.a and 2.b above)
- d. **Constraints to Providing On-site LID.** See sections 2.a and 2.b above.
 - i. Impervious paved areas: The site will be covered by the building footprint and concrete sidewalks
 - ii. Landscaped areas: Landscape strips on site are minimal.

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.

- a. No additional property within the same watershed is owned by the project proponent. LID treatment in the public right of way adjacent to the project is infeasible for the following reasons:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.

- Conflict with subsurface utilities
 - Conflict with public sidewalks
- b. There is no regional LID stormwater mitigation program available for in-lieu C.3 compliance.

NARRATIVE DISCUSSION OF LID FEASIBILITY OR INFEASIBILITY

2075 Broadway, Redwood City

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

The Countywide Program's infiltration/harvesting and use feasibility screening worksheet and rainwater harvesting and use worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration or harvesting and use.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 100 percent (100%) of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** On-site drainage consists of rainwater collected on the building roof. These waters will be collected through a system of pipes, routed through the building and treated through media filters prior to discharge to the City's storm drain system.
- b. **Self-treating and Self-Retaining Areas and LID treatment Measures.** The proposed building will be constructed in accordance with the City's Downtown Precise Plan zoning, which provides for a zero lot line setback. The entirety of the site will be covered by roof or building footprint. There are LID treatment measures used to treat storm water on adjacent city-owned property supporting the proposed building.
- c. **Maximizing Flow to LID Features and Facilities.** Flow from all storm water on adjacent city property that supports the proposed building will drain to bio-retention areas.
- d. **Constraints to Providing On-site LID.** See sections 2.a and 2.b above.
 - i. Impervious paved areas: The entirety of the site will be covered by roof or building footprint.

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:

- a. No additional property within the same watershed is owned by the project proponent. LID treatment for the proposed building in the public right of way adjacent to the project is infeasible for the following reasons:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.
 - Conflict with subsurface utilities
- b. There is no regional LID stormwater mitigation program available for in-lieu C.3 compliance

NARRATIVE DISCUSSION OF LID FEASIBILITY OR INFEASIBILITY

Middlefield and Marshall

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

The Countywide Program's infiltration/harvesting and use feasibility screening worksheet and rainwater harvesting and use worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration or harvesting and use.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 100 percent (100%) of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** On-site drainage consists of rainwater collected on the building roof. These waters will be collected through a system of pipes, routed through the building and treated through media filters prior to discharge to the City's storm drain system.
- b. **Self-treating and Self-Retaining Areas and LID treatment Measures.** The proposed building will be constructed in accordance with the City's Planned Community District zoning, which provides for a zero lot line setback. The majority of the site will be covered by the building footprint with the exception of a 1-foot strip of land between the neighboring private properties.
- c. **Maximizing Flow to LID Features and Facilities.** Not applicable (see sections 2.a and 2.b above)
- d. **Constraints to Providing On-site LID.** See sections 2.a and 2.b above.
 - i. Impervious paved areas: The majority of the site will be covered by the building footprint with the exception of a 1-foot strip of land between the neighboring private properties.
 - ii. Landscaped areas: A 1-foot wide strip of land adjacent to the neighboring private properties is provided for setback purposes. This area does not allow for any LID structures.

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.

- a. No additional property within the same watershed is owned by the project proponent. LID treatment in the public right of way adjacent to the project is infeasible for the following reasons:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.
 - Conflict with subsurface utilities
 - Conflict with public sidewalks
- b. There is no regional LID stormwater mitigation program available for in-lieu C.3 compliance.

3. Narrative Discussion of LID Feasibility or Infeasibility

Winslow Street Development at 815 Hamilton Street

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

The Countywide Program's C.3 Regulated Projects Checklist and Special Projects Worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat only the C.3.d amount of runoff with infiltration and/or harvesting and use.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 100% of the 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 developed with a zero lot line building and a small at grade sidewalk. The site was divided into 3 drainage areas. The building was split into 2 drainage areas, with 90% (treatment area #1) flowing into the treatment vault and the remaining 10% (treatment area #2) flowing to the flow-through planters on the roof. Drainage area #3 consists of the Southern sidewalk between the proposed building and the property line. Drainage area #3 also flows to the proposed treatment vault.
 - b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** There are no self-treating or self-retaining areas onsite. The LID treatment measure is for the 10% non-LID exempt area. Flow-through planters will be provided on the third floor roof deck to treat 10% of the on-site drainage.
 - c. **Maximizing Flow to LID Features and Facilities.** 10% of the drainage from the surrounding roof areas will be designed to flow directly into the flow-through planters, which is the maximum area that can be routed to the flow-through planters based on C3 sizing criteria.
 - d. **Constraints to Providing On-site LID.** This small infill project site is bounded by City Right of Way, City and Franchise easements at the project frontage (3 sides) and existing buildings on the remaining side (including an historical building). The proposed project building will maximize the buildable site area. The below- and above-grade structures will extend to the furthest site constraints (buildings, utilities, property lines), making this a zero lot line development. The only available area within the site to locate the LID treatment is on the third floor roof deck. The project has designed LID treatment (flow-through planters) at this location.
 - i. Impervious paved areas: The only onsite area not covered by roof, roof deck or building is the at-grade sidewalk. The at-grade sidewalk is not treated by the LID treatment measure because its elevation is below the LID treatment (sidewalk is 30 feet below the roof deck). The sidewalk area is routed to the media filter in the below grade garage at Hamilton Street.
 - ii. Landscaped areas: There are small planters not covered by the roof at-grade and at the third floor roof deck, but they do not contribute to C3 runoff because they do not have a drain (at-grade), or their overflow/drainage would discharge to the media vault (if any drainage at all, none is expected).
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. The project proponent does not own or otherwise control land within the same watershed of the project that can accommodate in perpetuity off-site bioretention facilities adequately sized to treat the runoff volume of the primary project.
 - ii. There is not a regional LID stormwater mitigation program available to the project for in-lieu C.3 compliance.

Narrative Discussion of LID Feasibility or Infeasibility

851 Main Street

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

The Countywide Program's C.3 Regulated Projects Checklist and Special Projects Worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration and/or harvesting and use.

2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 75 percent (75%) of the 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 developed with a zero lot line building and a small at grade sidewalk. The site was divided into 2 drainage areas, with 75% (treatment area #1) flowing into the treatment vault and the remaining 25% (treatment area #2) flowing to the flow-through planters on the second story patio.
- b. **Self-treating and Self-Retaining Areas and LID treatment Measures.** There are no self-treating or self-retaining areas onsite. The LID treatment measure is for the 25% non-LID exempt area. Flow-through planters will be provided on the second floor patio to treat 25% of the on-site drainage.
- c. **Maximizing Flow to LID Features and Facilities.** 25% of the drainage from the surrounding roof areas will be designed to flow directly into the flow-through planters, which is the maximum area that can be routed to the flow-through planters based on C3 sizing criteria.
- d. **Constraints to Providing On-site LID.**
 - i. **Impervious paved areas:** The only onsite area not covered by roof, roof deck or building is the at-grade sidewalk. The at-grade sidewalk is not treated by the LID treatment measure because its elevation is below the LID treatment (sidewalk is 20 feet below the roof deck) and on the opposite side of the property. The sidewalk area is routed to the media filter in the below grade garage.
 - ii. **Landscaped areas:** There are no landscaped areas available on the site other than the proposed flow-through planters on the second story patio.

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:

- a. No additional property within the same watershed is owned by the project proponent. LID treatment in the public right of way adjacent to the project is infeasible for the following reasons:
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.
 - Conflict with subsurface utilities
 - Conflict with public sidewalks
- b. There is no regional LID stormwater mitigation program available for in-lieu C.3 compliance.



February 5, 2015

Patti Schrottenboer, P.E.
City of Redwood City

**Subject: 204 Franklin Street, Redwood City
Special Project worksheet narrative**

204 Franklin meets Special Project category "C" as noted on the Special Projects worksheet. Part 3 of the Special Projects worksheet notes, If project will implement less than 100% LID, refer to the Special Projects Reporting Form to prepare a discussion of the feasibility or infeasibility of 100% LID treatment, as required by MRP Provision C.3.e.vi(2)

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

The Countywide Program's infiltration/harvesting and use feasibility screening worksheet was completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration or harvesting and use.

Available soil borings within the Preliminary Geotechnical Investigation by Cornerstone Earth Group, dated May 15, 2014, is predominately clay, consistent with Type C or D low permeability soils.

Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was infeasible to treat 100 percent of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

a. Self-treating and Self-Retaining Areas and LID Treatment Measures.

No self-treating or self-retaining areas are available. The project is a zero lot line podium structure.

b. Maximizing Flow to LID Features and Facilities.

The proposed bio-retention is receiving the maximum available impervious area run-of given its footprint and soil draining rate of 5-in/hr.

c. Constraints to Providing On-site LID. The project is constrained by being a zero-lot line project and being built on a podium structure. The courtyard space is limited and is required to provide seating areas and path of travel walk areas for residents.

d. Impervious paved areas: The central courtyard area is located above a subterranean parking garage, which does not allow the area to be used for LID measures.

e. Landscaped areas:

Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area: The pervious areas are broken up into small segments to allow for resident seating and walking areas over the podium structure.

f. High groundwater:

The geotechnical report identifies the groundwater table as approximately 8 feet below the ground surface.



5. Feasibility/Infeasibility of Off-Site LID Treatment. The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.

- The project proponent does not own or otherwise control land within the same watershed of the project that can accommodate in perpetuity off-site bioretention facilities adequately sized to treat the runoff volume of the primary project.
- There are several new service connections, many of which require vaults along the sidewalk frontage, greatly limited available space for LID.
- There is no regional LID stormwater mitigation program available to the project for in-lieu C.3 compliance.

Sincerely,
BKF Engineers

Michael Coughlin, P.E.
Project Engineer

b. Self-treating and Self-Retaining Areas and LID treatment Measures.

The proposed building will be constructed in accordance with the City's Downtown Precise Plan zoning, which provides for a zero lot line setback. The majority of the site will be covered by roof or building footprint, with the exception being a sidewalk located in a pedestrian easement along Caltrans (State) controlled El Camino Real.

c. Maximizing Flow to LID Features and Facilities.

Not applicable (see sections 2.a and 2.b above)

d. Constraints to Providing On-site LID.

See sections 2.a and 2.b above.

- i. Impervious paved areas: The majority of the site will be covered by roof or building footprint, with the exception being a sidewalk located in a pedestrian easement along Caltrans (State) controlled El Camino Real.
- ii. Landscaped areas: No landscape areas are provided outside the building footprint.

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.

a. Offsite Opportunities

No additional property within the same watershed is owned by the project proponent. LID treatment in the public right of way adjacent to the project is infeasible for the following reasons:

- Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.
- Conflict with subsurface utilities

b. In-lieu Mitigation

There is no regional LID storm water mitigation program available for in-lieu C.3 compliance.

Feel free to contact me if you have any additional questions regarding this matter.

Signed,



Easton C. McAllister, PE

FY 2014-2015 Annual Report
Permittee Name: City of Redwood City

City of Redwood City



Attachment

Provision C.4 Industrial and Commercial Site Controls

1. C.4.b.iii(1) Potential Facilities List
2. C.4.b.iii.(2) Facilities Scheduled for Inspection

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
TAFT SCHOOL	903	10TH
DULCE PINATAS	401	2ND
HACIENDA TAQUERIA	895	2ND
FIRE STATION #11	1091	2ND
ONE STOP LIQUORS	390	4TH
CHAVEZ SUPERMARKET	46	5TH
LA ROCA	55	5TH
AAA RENTALS	82	5TH
SIRENA MOWER SHOP	91	5TH
DOMINOS PIZZA	100	5TH
PENINSULA CATERING & EVENTS	175	5TH
EVEREST PUBLIC HIGH SCHOOLS	455	5TH
ANSON CATERING	604	5TH
VALERO	795	5TH
LA CASITA CHILANGA	795	5TH
TACOS EL GRULLENSE #3	795	5TH
ARTEAGAS STARLITE SUPERMARKET	812	5TH
SUPER PURE WATER	826	5TH
ZIPOTES PUPUSERIA	828	5TH
MARIAS CAFE	834	5TH
5TH AVE 76	844	5TH
SEVEN ELEVEN STORE #14339	895	5TH
VEGAS & WARD LANDSCAPING, INC.	616	ADAMS ST.
SEQUOIA HEALTH SERVICES	170	ALAMEDA DE LAS PULGAS
CURRY WRAPPERS DELIGHT	312	ARGUELLO
VRI	500	ARGUELLO
CHAVEZ MEAT MARKET	775	ARGUELLO
CHAVEZ SUPERMARKET	817	ARGUELLO
ALPINE CONSTRUCTION	927	ARGUELLO
A-1 RENTAL CENTER	1125	ARGUELLO
NIKKOS MEXIAN GRILL	314-316	ARGUELLO
CARIBLUE RESTAURANT	314	ARGUELLO ST.
SEWER LIFT STATION #17	11	AVOCET

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
SWIMMING POOL PERFECTIONS	629	BAIR ISLAND
SPEEDY'S RIDE SERVICE	730	BAIR ISLAND RD. # 201
VH HOME RENOVATION & PRESERVATION	643	BAIR ISLAND RD. # 319
REDWOOD CITY AUTO SPECIALIST	891	BARRON
SWEET55	897	BARRON
CRUST PIE SHOP LLC	897	BARRON AVE. # 3
FELIPE APOLINAR LOPEZ	730	BARRON AVE. # 88
BRISTOL MYERS SCQUIBB COMPANY	700	BAY
COUNTY SPECIALTY GASES LLC	2200	BAY
TECHSHOP MID-PENINSULA	2415	BAY
ULTRA SONIC DE BURREING INC	2500	BAY
PENTAIR THERMAL MANAGEMENT	2555	BAY
QUALITY AUTO BODY & PAINT	2566	BAY
EUROPEAN MOTORS	2690	BAY
TECHSHOP MID-PENINSULA, LLC	2415	BAY RD.
GREENWINDMILL LLC	2810	BAY RD.
ICE OASIS GRILL	3140	BAY RD.
ALAN STEEL & SUPPLY CO	505	BAYSHORE
TOYOTA 101	525	BAYSHORE
AI LLC	1709	BAYSHORE
CASSIS CATERING	1757	BAYSHORE
RUSH HOUR CATERING	1757	BAYSHORE
ARGUELLO CATERING CO SOUTH	1757	BAYSHORE
AIRE SHEET METAL INC	1973	BAYSHORE
AT&T California - P3600	2001	Bayshore
Caltrans-Redwood City	2501	Bayshore
FIFTH AVE PUMP STATION	3011	BAYSHORE
IDEAL R V & TRAILER SUPPLY	3375	BAYSHORE
CALIFORNIA AUTO DETAILERS	113	BEECH
OSCAR GONZALEZ	2870	BLLENHEIM AVE.
GRANITE ROCK CORP	355	BLOMQUIST
GRANITE ROCK ASPHALT&ROAD OILS	365	BLOMQUIST
Flyers #402	410	Blomquist

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
MAGUIRE CORRECTIONAL FACILITY	330	BRADFORD
840 WINE BAR & COCKTAIL LOUNGE	840	BREWSTER
SEQUOIA HIGH SCHOOL	1201	BREWSTER
FIRST TRANSIT INC	934	BREWSTER AVE.
RAINBOW DENTAL LAB	588	BREWSTER AVE. # 100
TRAGON CORP	350	BRIDGE
MISTRAL RESTAURANT	370	BRIDGE
REDWOOD SHORES CLEANERS	370	BRIDGE
LIFT STATION #25	1599	BRIDGE
425 Broadway, RWC (SU Libraries)	425	Broadway
CAFE VIE AT REDWOOD CITY	450	BROADWAY
AMPEX DATA SYSTEMS CORP	500	BROADWAY
GENENTECH RWC	550	BROADWAY
SILVER SPRING NETWORK	555	BROADWAY
TRANS AUTO REPAIR	610	BROADWAY
PETERSEN PRECISION	611	BROADWAY
PENINSULA MERCEDES	650	BROADWAY
Sherwin-Williams #8516	696	BROADWAY
VERTEX MECHANICAL INC	730	BROADWAY
PACFUL PRINTING & FULFILLMENT	785	BROADWAY
SUMMIT PREPARATORY CHARTER H S	890	BROADWAY
EXPERT WOODWORKING	924	BROADWAY
ROBERTS & BRUNE	939	BROADWAY
BROADWAY AUTO INC	1101	BROADWAY
Smart & Final # 410	1185	Broadway
DENNYS	1201	BROADWAY
JACK IN THE BOX #525	1205	BROADWAY
CVS/PHARMACY #9690	1301	BROADWAY
SMCO THHW	1400	BROADWAY
MUNICIPAL SERVICES CTR	1400	Broadway
FoodsCo #353	1401	BROADWAY
MAR Y TIERRA TAQUERIA	1475	BROADWAY
RICKSHAW CHINESE FOOD	1483	BROADWAY

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
OFFICE MAX	1501	BROADWAY
BIG LOTS #4313	1525	BROADWAY
REDWOOD 76	1603	BROADWAY
5TH AVENUE ENTERPRISE	1603	BROADWAY
REDWOOD GENERAL TIRE SERVICE	1630	BROADWAY
ERICS AUTO BODY & PAINT	1661	BROADWAY
QUONG LEE PENINSULA CLEANING SVCS	1681	BROADWAY
EDIBLE ARRANGEMENTS	1685	BROADWAY
7-ELEVEN, STORE 2366-15896E	1700	BROADWAY
LA VIGA RESTURANT	1772	BROADWAY
CLUB CALIENTE	1776	BROADWAY
AHISUSHI AND HIBACHI	1784	BROADWAY
GROCERY OUTLET INC	1833	BROADWAY
MANDALOUN RESTAURANT	2021	BROADWAY
VINO SANTO BISTRO	2030	BROADWAY
BROADWAY SUBS	2034	BROADWAY
FORTUNE RESTAURANT	2039	BROADWAY
LV MAR	2042	BROADWAY
THE BLACKSMITH	2048	BROADWAY
DOWNTOWN	2050	BROADWAY
ROCK N WRAPS	2053	BROADWAY
SUISHA HOUSE	2053	BROADWAY
CAFE ZOE-REDWOOD CITY	2074	BROADWAY
MAYS VIETNAMESE RESTAURANT	2088	BROADWAY
TALK OF BROADWAY	2096	BROADWAY
MARGARITAS	2098	BROADWAY
THE OLD SPAGHETTI FACTORY	2107	BROADWAY
PHILZ COFFEE	2116	BROADWAY
SAKURA	2198	BROADWAY
QUINTO SOL RESTAURANT	2201	BROADWAY
FROYOLA (SEASONAL PERMIT)	2206	BROADWAY
FOX THEATER	2221	BROADWAY
LE BOULANGER	2225	BROADWAY

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
BLUEFIN PARTY SUSHI	2327	BROADWAY
BROADWAY MASALA LLC	2397	BROADWAY
BLISS COFFEE	2400	BROADWAY
PHO DONG RESTAURANT	2610	BROADWAY
GOURMET HAUS STAUDT	2615	BROADWAY
CITY PUB & CAFE	2620	BROADWAY
CROUCHING TIGER BAR	2640	BROADWAY
NARANJOS TAQUERIA	2647	BROADWAY
RWC UNDERGROUND PUB	2650	BROADWAY
PARDIS	2653	BROADWAY
I DUMPLING LLC	2660	BROADWAY
STANFORD MEDICINE OUTPATIENT CTR	420-450	BROADWAY
CAFE VIE	450	BROADWAY
C & A VENTURE GROUP, INC	1603	BROADWAY
TAZA DELI & CAFE	1796	BROADWAY
LAS CHIQUITAS	1798	BROADWAY
COMEBUY	2074	BROADWAY
PHILZ COFFEE INC	2116	BROADWAY
STARBUCKS COFFEE #25372	2225	BROADWAY
BIGFIN BISTRO	2432	BROADWAY
KEMURI JAPANESE BARU	2616	BROADWAY
REDWOOD CITY UNDERGROUND	2650	BROADWAY
JESUS AUTO REPAIR GARAGE	2701	BUCKINGHAM
AT&T MOBILITY - REDWOOD CITY (13232)	575	CALIFORNIA
PG&E: WATERSHED SUBSTATION		CANADA
PULGAS DECHLORAMINATION FAC/PUMP ST	66	CANADA RD-S OF HWY 92
CANYON INN	587	CANYON
CANYON AUTO SERVICE	590	CANYON
CANYON GAS & PROPANE	590	CANYON
RELYPSA INC	100	CARDINAL
GENAPSYS, INC.	200	CARDINAL
PEARL THERAPEUTICS INC	200	CARDINAL
TOWNE AUTO BODY	111	Cedar

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
EL CAMINO AUTO BODY	51	CHARTER
MI RANCHO	150	CHARTER
HOOVER SCHOOL	701	CHARTER
SELTZER SISTERS	816	CHARTER
JIM LORD LANDSCAPE SERVICE	851	CHARTER
A-ABCO RENTS & SELLS	1050	CHARTER
INTEGRATED DNA TECHNOLOGIES INC	200	CHESAPEAKE
TWELVE	250	CHESAPEAKE
AVINGER	400	CHESAPEAKE
CODEXIS, INC	501	CHESAPEAKE
Impossible Foods, Inc.	525	CHESAPEAKE
ARMO BIOSCIENCES INC	575	CHESAPEAKE
ONCOMED PHARMACEUTICALS INC	800	CHESAPEAKE
APNICURE	900	CHESAPEAKE
CHESTNUT AUTOMOTIVE BRAKE/ALIGNMENT	160	CHESTNUT
MCDONALD	185	CHESTNUT
CARBON3D	312	CHESTNUT
APATZINGAN #2	739	CHESTNUT
SAN MATEO COUNTY CORP YARD	752	CHESTNUT
CHERRY LIMOS	160	CHESTNUT ST.
CHESTNUT AUTO REPAIR	160	CHESTNUT ST.
CARBON 3D, INC.	312	CHESTNUT ST.
CHICAS TAXI CAB	548	CHESTNUT ST.
STUDEBAKERS WEST	335	CONVENTION
Verizon Wireless Hwy 101 Whipple	350	Convention
CALIFORNIA HIGHWAY PATROL	355	CONVENTION
RON CHUCK ENGINEERING	375	CONVENTION
PENINSULA INFINITI	386	CONVENTION
PUTNAM LEXUS	400	CONVENTION
LAND ROVER	440	CONVENTION
ALMO CONSTRUCTION	370	CONVENTION WAY # 312
Traffic / Small Claims Annex JCC-AOC #41-A2	500	County
HALL OF JUSTICE	400	COUNTY CENTER

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
COUNTY OFFICE BLDG.#1	455	COUNTY CENTER
COUNTY OFFICE BLDG #2	555	COUNTY CENTER
CALIFORNIA WATER SVC CO MPS 117		CRESTVIEW DR & EDGEWOOD
Verizon Wireless Palo Alto	2801	Crocker
EL CHINO AUTO REPAIR	2903	CROCKER
JUAN'S AUTO REPAIR	2938	CROCKER
RSP DESIGNS	2812	CROCKER AVE.
A & C TOWING	2824	CROCKER AVE.
FREDS GARAGE INC	416	D
SOUTH BAY BODY SHOP	417	D
STUBS	1154	DAVIS ST
SEWER LIFT STATION #10	747	DAVIT
SPEED AND COLOR BODY SHOP	20	DILLER
MARINE SCIENCE INSTITUTE	500	DISCOVERY
GREAT MARQUES	815	DOUGLAS
MIDNIGHT AUTOMOTIVE	817	DOUGLAS
KUNOS INC	881	DOUGLAS
SPECIALTY ALIGNMENT & BRAKES	1011	DOUGLAS
BIOSTRIDE INC	1201	DOUGLAS
MAGIC AUTO PAINT & BODY	417	DUMBARTON
CHANIQUES AUTO REPAIR	425	DUMBARTON
NOMAS AUTO REPAIR & BODY SHOP	435	DUMBARTON
RONALD ROBLES APPLIANCE INSTALLS	1933	E. BAYSHORE RD. # 30
CENTRAL BUSINESS EQUIPMENT	1755	E. BAYSHORE RD. # 9A
ECLECDISH CATERING	1757	E. BAYSHORE RD. SUITE B1
FRISCO TAXI	3499	EAST BAYSHORE RD. # 95A
Edgewood Pump Station	2196	Edgewood
TURFSIDE GRILL	3151	EDISON
CORDILLERAS HOSPITAL	200	EDMONDS
COOKS UPHOLSTERY	1823	EL CAMINO
Verizon Business: RDWDCA		EL CAMINO N OF WHIPPLE
AUTO MASTER	67	EL CAMINO REAL
LEGACY AUTO REPAIR	105	EL CAMINO REAL

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
MOUNTAIN MIKES PIZZA	120	EL CAMINO REAL
KENTUCKY FRIED CHICKEN	204	EL CAMINO REAL
REDWOOD TOUCHLESS CAR WASH	215	EL CAMINO REAL
JON 76	234	EL CAMINO REAL
STACKS RESTAURANT	314	EL CAMINO REAL
7 ELEVEN STORE #2366-22434E	400	EL CAMINO REAL
NIKKOS MEXICAN GRILL	408	EL CAMINO REAL
NURIS DONUT HOUSE	416	EL CAMINO REAL
STARBUCKS COFFEE	490	EL CAMINO REAL
PASTA POMODORO	490	EL CAMINO REAL
BEN FRANKS RESTAURANT	491	EL CAMINO REAL
A AUTO SERVICE	540	EL CAMINO REAL
HIGUMA JAPANESE RESTAURANT	540	EL CAMINO REAL
Redwood City Chrysler Dodge Jeep Ram	543	EL CAMINO REAL
BK 2443	575	EL CAMINO REAL
HONDA REDWOOD CITY	601	EL CAMINO REAL
EL CAMINO MARTCO	602	EL CAMINO REAL
AMERICAN LEGION #105 RWC POST	651	EL CAMINO REAL
GOLDEN SWALLOW RESTAURANT INC	711	EL CAMINO REAL
ESTAMPAS PERUANAS	715	EL CAMINO REAL
PENINSULA LIQUORS	717	EL CAMINO REAL
SODINIS	727	EL CAMINO REAL
LA CASITA CHILANGA #2	761	EL CAMINO REAL
BANGKOK BAY INC	825	EL CAMINO REAL
AutoZone #4026	901	El Camino Real
YUMI YOGURTS	947	EL CAMINO REAL
TACOS EL GRULLENSE E & E	999	EL CAMINO REAL
MAX RESTAURANT	1001	EL CAMINO REAL
JAMBA JUICE COMPANY #69	1007	EL CAMINO REAL
LITTLE MADFISH	1021	EL CAMINO REAL
KENNEDY & ALLEN INC	1026	EL CAMINO REAL
MYOSOTIS CAFFE	1036	EL CAMINO REAL
CVS/PHARMACY #9329	1039	EL CAMINO REAL

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
STARBUCKS COFFEE	1045	EL CAMINO REAL
FRANKLIN ST COFFEE	1053	EL CAMINO REAL
NOAHS BAGELS	1067	EL CAMINO REAL
Safeway 0305	1071	EL CAMINO REAL
ROYS CLEANER	1100	EL CAMINO REAL
THE HABIT BURGER GRILL	1101	EL CAMINO REAL
THE VITAMIN SHOPPE	1200	EL CAMINO REAL
PAPA JOHNS PIZZA	1201	EL CAMINO REAL
TAQUERIA EL GRULLENSE	1280	EL CAMINO REAL
PRECISION TUNE AUTO CARE	1304	EL CAMINO REAL
CYCLE GEAR	1326	EL CAMINO REAL
HAPPY DONUT	1330	EL CAMINO REAL
REDWOOD CAR CARE	1331	EL CAMINO REAL
MUFFLER EXPRESS	1414	EL CAMINO REAL
Verizon Wireless Redwood City Downtown	1451	El Camino Real
Firestone Complete Auto Care # 3671	1458	El Camino Real
TOGOS AND BASKIN ROBBINS	1501	EL CAMINO REAL
HOPKINS ACURA	1555	EL CAMINO REAL
TOWNE FORD SALES	1601	El Camino Real
PREMIER AUTO COLLISON	1612	EL CAMINO REAL
MARDI GRAS LOUNGE	1628	EL CAMINO REAL
TACOS LOS GEMELOS	1630	EL CAMINO REAL
ROOSEVELT LIQUOR & GROCERY	1700	EL CAMINO REAL
CASA ZAMORA RESTAURANT	1714	EL CAMINO REAL
EL MERCADITO LATINO	1726	EL CAMINO REAL
THAI HOUSE	1742	EL CAMINO REAL
BEVERAGES & MORE	1745	EL CAMINO REAL
EL ZARAPE BAR-N-GRILL	1808	EL CAMINO REAL
WENDYS OLD FASHIONED HAMBURGER	1852	EL CAMINO REAL
STARBUCKS COFFEE	1900	EL CAMINO REAL
HARRYS HOFBRAU	1909	EL CAMINO REAL
SUBWAY SANDWICHES & SALADS #2622	1926	EL CAMINO REAL
FIVE POINTS TIRE IMPORTS	2115	EL CAMINO REAL

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
TITO'S AUTO REPAIR	2121	EL CAMINO REAL
U-Haul Moving & Storage of Redwood City	2200	EL CAMINO REAL
R & D GAS AND FOOD MART	2215	EL CAMINO REAL
CERRONE EUROPEAN	2306	EL CAMINO REAL
BIG O TIRES	2310	EL CAMINO REAL
STUTTGART MOTORS	2315	EL CAMINO REAL
RAYS AUTO REPAIR, INC.	2333	EL CAMINO REAL
REDWOOD RENTAL & REPAIR	2336	EL CAMINO REAL
O'Reilly Auto Parts #3474	2411	EL CAMINO REAL
Wheel Works #240716/8232	2411	EL CAMINO REAL
TARGET T0321	2485	EL CAMINO REAL
U S CHINESE FOOD	2490	EL CAMINO REAL
NOR CAL COLLISION	2504	EL CAMINO REAL
EL GRULLENSE GRILL	2525	EL CAMINO REAL
GENERAL NUTRITION CTR #6113	2539	EL CAMINO REAL
CHUCK E CHEESE	2541	EL CAMINO REAL
MARSHALLS	2545	EL CAMINO REAL
PRONTO PIZZERIA & ROTISSERIE	2560	EL CAMINO REAL
PANADERIA MICHOCAN #4	2561	EL CAMINO REAL
PACIFIC INN	2610	EL CAMINO REAL
TACOS EL CAMINO RESTAURANT	2627	EL CAMINO REAL
KYS AUTO REPAIR	2633	EL CAMINO REAL
THE LATIN CLUB	2651	EL CAMINO REAL
TACO BELL #30787	2693	EL CAMINO REAL
CHRISTINAS DELI	2701	EL CAMINO REAL
AYAR PRODUCE & MEAT MARKET	2727	EL CAMINO REAL
LA COSTA RESTAURANT	2761	EL CAMINO REAL
Oil Changer #202	2762	El Camino Real
REDWOOD MINI MARKET	2775	EL CAMINO REAL
HOLIDAY INN EXPRESS	2834	EL CAMINO REAL
DEGNAN PRINTERS	2893	EL CAMINO REAL
JOHN BENTLEY RESTAURANT	2915	EL CAMINO REAL
CHANTILLY INC	3001	EL CAMINO REAL

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
K & L LIQUORS	3005	EL CAMINO REAL
ATHERTON U-SAVE LIQUORS	3107	EL CAMINO REAL
JACK IN THE BOX #438	3199	EL CAMINO REAL
BONSAI JAPANESE RESTAURANT	3401	EL CAMINO REAL
AIR CARE SMOG TEST CENTER	75	EL CAMINO REAL
TEATIME	1003	EL CAMINO REAL
JAMBA JUICE	1007	EL CAMINO REAL
HAPPY DONUTS	1330	EL CAMINO REAL
ALL SMOG EL CAMINO	1414	EL CAMINO REAL
CHURROS & MORE	1726	EL CAMINO REAL
EL ZARAPE BAR & GRILL	1808	EL CAMINO REAL
ELIOS JEWELRY REPAIR #1 INC.	1810	EL CAMINO REAL
EZ FINANCE AUTO SALES	1903	EL CAMINO REAL
REDWOOD ENGINEERING CONSTRUCTION	2336	EL CAMINO REAL
TACO BELL # 30787	2693	EL CAMINO REAL
CESAR'S CARPET CLEANING & JANITORS	1500	EL CAMINO REAL # 317
LUTTICKEN'S MAIN & ELM	150	ELM ST.
Verizon Wireless Alameda Jefferson	2325	Euclid
MUSCARA BROS. PAVING INC	2875	FAIR OAKS
PACIFIC DINING-CANADA	4200	FARM HILL
CANADA COLLEGE	4200	FARMHILL
BEST MOWER SHOP	474	FIRST
TORRES AUTO REPAIR	2905	FLOOD
DELUCCHIS MARKET	3640	FLORENCE
SQUEEZE INN	3710	FLORENCE
THE DESSERT STUDIO	3716	FLORENCE
DELUCCHI'S MARKET	3640	FLORENCE ST.
SQUEEZE IN	3710	FLORENCE ST.
GENOMIC HEALTH INC	101	GALVESTON
ACELRX PHARMACEUTICALS INC	351	GALVESTON
SEAPORT LIFT STATION #2	501	GALVESTON
Impossible Foods, Inc.	600	GALVESTON
Arana Therapeutics, Inc.	610	Galveston

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
STEM CELL THERANOSTICS	640	GALVESTON
GENOMIC HEALTH INC	701	GALVESTON
Glenloch Pump Station		Glenloch & Hillcrest
Glenwood Pump Station	3628	Glenwood
KENNEDY SCHOOL	2521	GOODWIN
GORDON MANOR	1616	GORDON
APATZINGAN DELIVERY	1452	GORDON ST. # 5
AMIE WINE BAR	823	HAMILTON
ABC COMPANIES	3508	HAVEN
BAYSIDE EQUIPMENT CO	3562	HAVEN
GRIFFIN PAINTING, INC.	3580	HAVEN
EL DORADO FORKLIFT CO	3582	HAVEN
C F ARCHIBALD PAVING INC	3624	HAVEN
CARLSEN MOTOR CARS, INC.	3636	HAVEN
SYNTHEGO CORP	3696	HAVEN
ALDEA PHARMACEUTICALS	3696	HAVEN
MAIDEN CONSTRUCTION INC	3580	HAVEN AVE. # 1
VIETNAM THUC PHAM	3520	HAVEN AVE. SUITE F
TOY AUTO CLINIC	35	HAZEL
BOXER INDUSTRIES INC	151	HINMAN
PG&E: SHREDDER SUBSTATION	775	Hinman
PURPLETIE	500	HOWLAND
METAL FUSION, INC.	425	HURLINGAME
HIGH QUALITY CUSTOM CABINETS	437	HURLINGAME
WEST VALLEY	809	HURLINGAME
BAEZA AUTOMOTIVE Inc	816	HURLINGAME
AVENUE SILVER PLATING	861	HURLINGAME
ASCEND CLINICAL LLC	1400	INDUSTRIAL
AUTOHAUS KLAUS NAGEL	1690	INDUSTRIAL
PRO CARE	1704	INDUSTRIAL
ACTION TOWING	1790	INDUSTRIAL
A M PARTY RENTALS	1830	INDUSTRIAL
BENZ AUTO BODY	1850	INDUSTRIAL

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
SPECIALTYS CAFE & BAKERY	1100	ISLAND
ORACLE AMERICA INC	301-501	ISLAND PARK
SUHSD/TRANSPORTATION	480	James
REDWOOD CITY SCHOOL WAREHOUSE	501	JAMES
Redwood City School District(Maintenance and Operation)	601	JAMES
HOWIES ARTISAN PIZZA	837	JEFFERSON
COST PLUS INC #284	890	JEFFERSON
AT&T California - P3056	1121	JEFFERSON
Whole Foods Market - Redwood City	1250	JEFFERSON
EMERALD CITY LIQUORS	3025	JEFFERSON
A B & W MARKET	3115	JEFFERSON
DONUT KING	3123	JEFFERSON
Gas and Shop	3139	Jefferson
PENINSULA COVENANT COMMUNITY CENTER	3623	JEFFERSON
FIRE STATION #12	3700	JEFFERSON
HOWIE'S ARTISAN PIZZA	837	JEFFERSON AVE.
TEJEDA & GODINEZ TAQUERIA	3115	JEFFERSON AVE.
PG&E: LAS PULGAS SUBSTATION		KANSAS
MORELLO METAL FAB INC	811	KAYNYNE
EXCLUSIVE AUTO CARE AND AUTO BODY	830	KAYNYNE
AUTOQUEST	876	KAYNYNE
THE PATIO CAFE	1	LAGOON
BENS AUTO TECH	413	LATHROP
THE MECHANIC	48	LAUREL
AUTO PLUS SPORTZENTRIUM	94	LAUREL
AUTOPLUS SF	94	LAUREL ST.
MIKE'S AUTOMOTIVE	431	MACARTHUR
BAY AREA ELECTRICAL CONTRACTORS, INC.	618	MACARTHUR AVE.
SAKURA 2	373	MAIN
MAIN ST MARKET	804	MAIN
GAMBREL AND CO	810	MAIN
MARTINS WEST	831	MAIN
THE PATTY SHACK	909	MAIN

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
ALYS ON MAIN	911	MAIN
PHIL FINER REFRIGERATION	1001	MAIN
ALANAS CAFE	1020	MAIN
COOKS COLLISION OF REDWOOD CITY	1104	MAIN
REDWOOD ROLLER RINK	1303	MAIN
BIG THARMANS BBQ	1402	MAIN
J & G LIQUORS	1402	MAIN
PANADERIA Y RESTAURANTE GUATEMALTECA	1509	MAIN
B & D AUTOMOTIVE	1510	MAIN
KINCAO KITCHEN	1531	MAIN
RIDIN DIRTY	1406	MAIN ST.
MARCK CORPORATION	1531	MAIN ST.
JAVIER TAPIA ROOFING	110	MANZANITA ST.
HN LOCKWOOD INC	450	MAPLE
REDWOOD CITY POLICE DEPARTMENT	1301	Maple
SVCW Redwood City Pump Station	1581	MAPLE
SEA LINK CAFE	399	MARINE
SEWER LIFT STATION #1	100	MARINE PARKWAY
SEWER LIFT STATION #2	600	MARINE WORLD
SEWER LIFT STATION #12	790	MARINE WORLD
HOEVKER BUILDING AND DESIGN	2737	MARLBOROUGH AVE.
AT&T California - P39AR	1200	MARSH
STARBUCKS COFFEE CO 6585	995	MARSH MANOR
ATHERTON SUBS	995	MARSH MANOR
KAISER PERMANENTE HOSPITAL - CUP	670	MARSHALL
FIRE STATION #9	755	MARSHALL
DAVITA REDWOOD CITY DIALYSIS	1000	MARSHALL
SATELLITE DIALYSIS	1410	MARSHALL
HENRY FORD SCHOOL	2498	MASSACHUSETTS
PARKING GARAGE	400	MIDDLEFIELD
FIVE GUYS BURGER	801	MIDDLEFIELD
CENTURY THEATRES INC	825	MIDDLEFIELD
VITALITY BOWLS	835	MIDDLEFIELD

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
FISHS WILD FISH GRILL & MORE	855	MIDDLEFIELD
Chipotle Mexican Grill #430	861	Middlefield
GREEN LEAF ASIAN BISTRO	865	MIDDLEFIELD
ARYA GLOBAL CUISINE	885	MIDDLEFIELD
MILAGROS RESTAURANT	1099	MIDDLEFIELD
TACOS EL GRULLENSE #1	1243	MIDDLEFIELD
ARCO 00306	1700	MIDDLEFIELD
BK 6292	2102	MIDDLEFIELD
ORCHARD SUPPLY HARDWARE #220	2110	MIDDLEFIELD
ANNUZZIS CUSTOM CABINET	2127	MIDDLEFIELD
LA ESTRELLITA	2205	MIDDLEFIELD
WAREHOUSE DEMO SERVICES # 1042	2300	MIDDLEFIELD
COSTCO WHOLESALE #1042	2300	MIDDLEFIELD
SIGONAS FARMERS MARKET	2345	MIDDLEFIELD
EL GRULLENSE E & E	2401	MIDDLEFIELD
HILL COUNTRY BBQ	2655	MIDDLEFIELD
SUPERIOR POOL PRODUCTS LLC	2692	MIDDLEFIELD
A M A TIRES & WHEELS	2796	MIDDLEFIELD
DISCOTECA DONALETY	2821	MIDDLEFIELD
JC AUTO BODY	2945	MIDDLEFIELD
BEST TAQUERIA	3102	MIDDLEFIELD
VITALITY BOWLS # 030	835	MIDDLEFIELD RD.
UNION SMOG TEST ONLY	2850	MIDDLEFIELD RD.
SEQUOIA UNIFIED HIGH SCHOOL DISTRICT	1090	MILLS
491 OAK OPEN AIR DINING LLC	491	OAK AVE.
SPEEDERIA PIZZERIA	3201	OAK KNOLL
SANCHOS TAQUERIA	3205	OAK KNOLL
EMERALD HILLS COFFEE	3203	OAK KNOLL DR.
TYCO ELECTRONICS	501	OAKSIDE
CENTRUM LIFT STATION	184	ORACLE
BON APPETIT 200	200	ORACLE
BON APPETIT 300 CAFE	300	ORACLE
BON APPETIT 350 CAFE	350	ORACLE

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Potential Facilities List
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Name	Street Number	Street Name
BON APPETIT 400 CAFE	400	ORACLE
BON APPETIT 500 CAFE	500	ORACLE
ORACLE CORP	100-600	ORACLE
CODEXIS, INC	200	PENOBSCOT
SEAPORT PUMP STATION #3	207	PENOBSCOT
GENOMIC HEALTH	301	PENOBSCOT
CODEXIS, INC	400	PENOBSCOT
BAVARIAN NORDIC, INC.	595	PENOBSCOT DR.
PRECISION AUTO REPAIR CENTER	110	PINE
ENVIRONMENTAL HEALTH STORAGE	310	PINE
HDW PLUMBING & CONSTRUCTION	443	PO BOX
CAL-STEAM	604	PRICE
JOHN ALDRICH & ASSOCIATES	609	PRICE AVE. SUITE 207
AB SCIEX LLC	1201	RADIO
BAY LEAF CAFE & CATERING	1201	RADIO
PARKS & RECREATION	1400	RADIO
RECYCLED WATER PLANT	1402	Radio
AT&T MOBILITY - FOSTER CITY 2-RADIO ROAD (13282)	1410	Radio
KNBR TRANSMITTER FACILITY	1410	RADIO
ELECTRONIC ARTS INC	209	REDWOOD SHORE PARKWAY
REDWOOD SHORES AREA #A	200	REDWOOD SHORES
BAY CLUB	200	Redwood Shores
Verizon Wireless San Carlos Airport	201	REDWOOD SHORES
HUDSON PACIFIC PROPERTIES	203	REDWOOD SHORES
BON APPETIT @ EA COMMONS CAFE	211	REDWOOD SHORES
JAMBA JUICE COMPANY #45	220	REDWOOD SHORES
UNA MAS MEXICAN GRILL	224	REDWOOD SHORES
AMICIS EAST COAST PIZZERIA	226	REDWOOD SHORES
TOKYO STAR	238	REDWOOD SHORES
TOGOS EATERY	242	REDWOOD SHORES
THE GRILL HOUSE	246	REDWOOD SHORES
BAGEL STREET CAFE	254	REDWOOD SHORES
FALAFEL TAZAH INC	256	REDWOOD SHORES

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
GENERAL NUTRITION CENTER # 1613	260	REDWOOD SHORES
STARBUCKS COFFEE	264	REDWOOD SHORES
NOB HILL FOODS #628	270	REDWOOD SHORES
FIRE STATION #20	680	REDWOOD SHORES
SANDPIPER SCHOOL	801	REDWOOD SHORES
SEWER LIFT STATION #22	999	REDWOOD SHORES
JAMBA JUICE	220	REDWOOD SHORES PARKWAY
THE SPOT ASIAN KITCHEN	240	REDWOOD SHORES PARKWAY
SHARPLINEWASH LLC	274	REDWOOD SHORES PKWY.
GP ENTERPRISES	3014	ROLISON
PORTAS AUTO BODY	3020	ROLISON
MOTOLAB	3046	ROLISON
SANZ BODY SHOP	3150	ROLISON
Roosevelt Shell	2108	Roosevelt
SUMMIT COFFEE	2137	ROOSEVELT
OH BABY SUSHI	2139	ROOSEVELT
AVENUE LIQUORS	2147	ROOSEVELT
RITE AID #5893	2150	Roosevelt
HERON THERAPEUTICS, INC	123	SAGINAW
PEARL THERAPEUTICS INC	200	SAGINAW
ABBOTT VASCULAR	400	SAGINAW
ATRECA INC	500	SAGINAW
CARDIODX INC	600	SAGINAW
REVOLUTION MEDICINES	700	SAGINAW
Illumina- RGH	800	SAGINAW
CARDICA, INC.	900	SAGINAW
ATRECA, INC	500	SAGINAW DR.
NIVEUS MEDICAL, INC.	101	SAGINAW DR. # A
GOLDEN GLAZE BAKERY & MARKET	2780	SAN MATEO
Verizon Wireless Hwy 101 Seaport	10	Seaport
PG&E: REDWOOD CITY SUBSTATION	10	Seaport
LYNGSO GARDEN MATERIALS INC	19	SEAPORT
PENINSULA BUILDING MATERIALS	109	SEAPORT

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Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
HARBOR READY MIX	123	SEAPORT
Granite Rock Company	195	Seaport
PG&E: BAIR SUBSTATION	255	SEAPORT
CARGILL SALT	295	Seaport
SEQUOIA YACHT CLUB	441	SEAPORT
PT OF RC-USED OIL COLLECTION CTR	451	SEAPORT
MARINA STATION	473	SEAPORT
Univar USA Inc.	525	Seaport
Central Concrete Supply Co Plant - 08	635	Seaport
GYPSUM PILE PORT OF RWC	675	SEAPORT
PORT OF REDWOOD CITY (YACHT HA	675	Seaport
SEAPORT REFINING & ENV LLC	679	SEAPORT
Clean Harbors Environmental Services, Inc.	695	SEAPORT
SIMS METAL MANAGEMENT	699	SEAPORT
ESBRO	775	SEAPORT
CEMEX CONST. MATERIALS PAC LLC	775	SEAPORT
PACIFIC SHORES STORM PUMP STA	800	SEAPORT
CEMEX RWC CEMENT TERMINAL	876	SEAPORT
PACIFIC SHORES LIFT STATION #1	1150	SEAPORT
GUNDERSON DETTMER, LLP	1200	SEAPORT
GOOGLE, INC.	1300	SEAPORT
Verizon Wireless Seaport East	1300	Seaport
ABBVIE BIOTHERAPEUTICS INC	1500	SEAPORT
GOOGLE, INC.	1600	SEAPORT
GUCKENHEIMER SERVICES LLC AT PACIFIC SHORES CAFE	1600	SEAPORT
GOOGLE, INC.	1700	SEAPORT
ZAZZLE, INC	1800	SEAPORT
PACIFIC SHORES LIFT STATION #2	1855	SEAPORT
ROCKET FUEL	1900	SEAPORT
PICENOS COMPLETE AUTO WORKS	1175	SHASTA
ROUTE 66 ROADSIDE SERVICE	1207	SHASTA
SEWER LIFT STATION #19		SHEARWATER @ HAMPTON/SHOA
ELECTRONIC ARTS INC	250	SHORELINE

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
SKYLINE HYDROGEN ENERGY CORP	17289	SKYLINE
AMERICAS ICE CREAM	2297	SPRING
VALLEY MARKET AND GAS	2303	SPRING
GARAFFO AUTO REPAIR	2475	SPRING
GOLDEN AUTO BODY AND PAINT	2710	SPRING
PRECISION BUILDERS INC	2653	SPRING ST
INFINITY GLASS	2345	SPRING ST.
BEST OF THE BEST CUSTOM CABINETS	2764	SPRING ST. UNIT S2
WEST COAST COLLISION	525	STANDISH
C G & E AUTO BODY	545	STANDISH
GARCIAS AUTO REPAIR	426	STANFORD
Emkay Mfg.	815	SWEENEY
VKK SIGNMAKERS, INC	820	SWEENEY
TOP METAL DESIGNS	831	SWEENEY
MOTOR CITY INC.	856	SWEENEY
COASTAL CIRCUITS	1602	TACOMA
C & C SPRAY EQUIPMENT REPAIR	1501	TACOMA WAY
SEWER LIFT STATION #3	512	TRIDENT
ORACLE USA INC	10	TWIN DOLPHIN
BON APPETIT MGMT	10	TWIN DOLPHIN
HOTEL SOFITEL	223	TWIN DOLPHIN
STEVES CAFE & CATERING	303	TWIN DOLPHIN
HUDSON PACIFIC PROPERTIES	333	TWIN DOLPHIN
REDWOOD SHORES STATION #15	333	TWIN DOLPHIN
Pen #2	1050	Twin Dolphin
AUTONATION MAZDA SUBARU ROSEVILLE	303	TWIN DOLPHIN DR.
AUTONATION TOYOTA SCION HAYWARD	303	TWIN DOLPHIN DR.
TRAFFIC SCHOOL 4 BUSY PEOPLE	303	TWIN DOLPHIN DR. # 600
KEY MARKET	1063	UPTON
Verizon Wireless Woodside Road	1835	Valota
VERA CASH MARKET	400	VERA
CARLSEN SUBARU	480	VETERANS
IHOP #684	491	VETERANS

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
CHEF PEKING RESTAURANT	515	VETERANS
SPEEDEE OIL CHANGE	550	VETERANS
Veterans Shell #148	690	Veterans
RANCHO AUTO SERVICE	692	VETERANS
HAPPY DONUT	820	VETERANS
CHEF CHENS	820	VETERANS
FRIDA BAR & RESTAURANT	820	VETERANS
IN N OUT BURGER #246	949	VETERANS
CHEVRON STATION #91374	990	Veterans
CARLS JR RESTAURANT	1001	VETERANS
SIZZLER	1011	VETERANS
TACO BELL #30791	1103	VETERANS
KAISER PERMANENTE HOSPITAL	1150	VETERANS
APPLEBEES	1155	VETERANS
Kmart #4349	1155	Veterans
CASA DE REDWOOD	1280	VETERANS
PARTY CITY	1289	VETERANS
CARPET MAINT SUPPLY INC	1475	VETERANS
YAO'S AUTO SERVICES, INC	692	VETERANS BLVD.
TACO BELL # 30791	1103	VETERANS BLVD.
KOHL'S DEPARTMENT STORE	250	WALNUT
QUICKLY	300	WALNUT
Dollar Tree #05544	312	Walnut
ERIKS DELI CAFE	400	WALNUT
STARBUCKS COFFEE	400	WALNUT
RWC AUTO REPAIR	400	WARRINGTON
GONZALEZ BROS. AUTO REPAIR	700	WARRINGTON
REYES AUTO REPAIR	725	WARRINGTON
LUCIANO CONCRETE CONSTRUCCION INC	732	WARRINGTON
DARINS TRUCKING SERVICE	766	WARRINGTON
MEAL PREP XPRESS	564	WARRINGTON AVE.
VALERO STATION #7245	503	WHIPPLE
WHIPPLE ARCO	504	WHIPPLE
CAR DAY CARE TIRE CENTER	535	WHIPPLE
MCDONALDS RESTAURANT	536	WHIPPLE
WHIPPLE CHEVRON	585	WHIPPLE

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
PIZZA HUT #283335	600	WHIPPLE
Whipple Shell	639	Whipple
JIFFY LUBE	640	Whipple
ROYAL CLEANERS	902	WHIPPLE
FOOD STOP MARKETS	916	WHIPPLE
CASTILLOS AUTO ELECTRIC	24	WILLOW
FOLEY BROTHERS CUSTOM WORKS	32	WILLOW
WILLOW MARKET	37	WILLOW
TOYOTA SCION SPECIALIST	61	WILLOW
GOLDEN ROOFING COMPANY, INC.	828	WILLOW
GAS 2 YOU	836	WILLOW
ELKS LODGE	938	WILMINGTON
NORDIC MOTORS	65	WINSLOW
SAN MATEO COUNTY MOTOR POOL	501	WINSLOW
BOBBY D'S SPORTS BAR & COCKTAIL LOUNGE	700	WINSLOW
Lucky #745	200	Woodside
WOODSIDE CLEANERS	317	WOODSIDE
WOODSIDE AUTO & TIRE INC	333	WOODSIDE
Rite Aid #5892	340	Woodside
QUALITY COACHWORKS LTD	411	WOODSIDE
SEVEN ELEVEN STORE 2366-25411C	460	WOODSIDE
WOODSIDE MANOR LIQUORS	524	WOODSIDE
ALLIED MOTOR	582	WOODSIDE
HUDSON AUTO INC	582	WOODSIDE
Woodside Manor Shell #176	582	Woodside
DINER JAPONICA	593	WOODSIDE
KARAKADE THAI CUISINE	593	WOODSIDE
ARCO 00573	610	WOODSIDE
DAIRY QUEEN KITCHEN	640	WOODSIDE
KENTUCKY FRIED CHICKEN	659	WOODSIDE
MCDONALDS	709	WOODSIDE
WOODSIDE GASOLINE INC	710	WOODSIDE
PHO TRUONG LONG VIETNAMESE	756	WOODSIDE
CHUCKS DONUTS	801	WOODSIDE
Safeway 0747	850	Woodside
ANDY'S BP	895	Woodside
AUTO PRIDE CAR WASH	909	WOODSIDE
THAIBODIA	910	WOODSIDE
KINGS UNION 76	975	WOODSIDE
FIFTH QUARTER	976	WOODSIDE

C.4.b.iii(1)
Potential Facilities List
City of Redwood City

Name	Street Number	Street Name
BRAVO TAQUERIA	980	WOODSIDE
JACK IN THE BOX #469	986	WOODSIDE
Kelly Moore Paint Company	1391	WOODSIDE
WOODSIDE DELICATESSEN	1453	WOODSIDE
CORNER YOGURT	1501	WOODSIDE
ROSITAS TACO STOP	1515	WOODSIDE
HELENS ONE HOUR CLEANERS	1594	WOODSIDE
PRESS RITE CLEANERS	1595	WOODSIDE
THE SADDLE ROOM	1607	WOODSIDE
LUCIAS PIZZERIA	1725	WOODSIDE
ARCO 06023	1801	WOODSIDE
Verizon Wireless Pulgas Massachusetts	2075	Woodside
RACK & ROLL BBQ SHACK	20	WOODSIDE PLAZA
YAT SING RESTAURANT	38	WOODSIDE PLAZA
ROUND TABLE PIZZA	128	WOODSIDE PLAZA
C/O LICENSING DEPT	340	WOODSIDE PLAZA
HASSETT ACE HARDWARE	348	WOODSIDE PLAZA # 282
AAGENERAL CONTRACTOR	50	WOODSIDE PLAZA #302
SCHNEBLY BUIDLING & DESIGN	2995	WOODSIDE RD
AUTO CARE CENTER	582	WOODSIDE RD.
LARRY AUTO REPAIR	582	WOODSIDE RD.
J & L CONSTRUCTION, INC.	2995	WOODSIDE RD. # 400-319
ISAAK DENTAL LAB	1690	WOODSIDE RD. #207
Cooks Collision of San Carlos		
Airgas USA, LLC		
Propel Fuels, Inc. (202024)		
WOODSIDE SHELL		
FERRARI MASERATI OF SILICON VALLEY		
FLYERS #270		
PG&E: JEFFERSON SUBSTATION		
BOARDWALK MOTORCAR GROUP		
PUTNAM LEXUS		
SILICON VALLEY CLEAN WATER		

C.4.b.iii(2)**Facilities Scheduled for Inspection in FY15-16**

Name	Street Number	Street Name
MISTRAL RESTAURANT	370	BRIDGE
RUSH HOUR CATERING	1757	BAYSHORE
SPECIALTYS CAFE & BAKERY	1100	ISLAND
ANSON CATERING	604	5TH
PRONTO PIZZERIA & ROTISSERIE	2560	EL CAMINO REAL
REDWOOD SHORES STATION #15	333	TWIN DOLPHIN
TOKYO STAR	238	REDWOOD SHORES
TACOS EL GRULLENSE #3	795	5TH
U S CHINESE FOOD	2490	EL CAMINO REAL
CHANTILLY INC	3001	EL CAMINO REAL
PACIFIC SHORES STORM PUMP STA	800	SEAPORT
FIFTH AVE PUMP STATION	3011	BAYSHORE
SEAPORT PUMP STATION #3	207	PENOBSCOT
BONSAI JAPANESE RESTAURANT	3401	EL CAMINO REAL
PUTNAM LEXUS	400	CONVENTION
MOTOLAB	3046	ROLISON
SEAPORT LIFT STATION #2	501	GALVESTON
MARINA STATION	473	SEAPORT
ARGUELLO CATERING CO SOUTH	1757	BAYSHORE
AMERICAS ICE CREAM	2297	SPRING
FIRE STATION #12	3700	JEFFERSON
HOLIDAY INN EXPRESS	2834	EL CAMINO REAL
JACK IN THE BOX #438	3199	EL CAMINO REAL
K & L LIQUORS	3005	EL CAMINO REAL
BEVERAGES & MORE	1745	EL CAMINO REAL
GOLDEN GLAZE BAKERY & MARKET	2780	SAN MATEO
THE LATIN CLUB	2651	EL CAMINO REAL
GENERAL NUTRITION CENTER # 1613	260	REDWOOD SHORES
AUTOHAUS KLAUS NAGEL	1690	INDUSTRIAL
STARBUCKS COFFEE	264	REDWOOD SHORES
LA ROCA	55	5TH
LITTLE MADFISH	1021	EL CAMINO REAL
HACIENDA TAQUERIA	895	2ND
LA ESTRELLITA	2205	MIDDLEFIELD

C.4.b.iii(2)
Facilities Scheduled for Inspection in FY15-16

Name	Street Number	Street Name
Smart & Final # 410	1185	Broadway
THE PATIO CAFE	1	LAGOON
BAGEL STREET CAFE	254	REDWOOD SHORES
AMICIS EAST COAST PIZZERIA	226	REDWOOD SHORES
CHAVEZ SUPERMARKET	46	5TH
DAIRY QUEEN KITCHEN	640	WOODSIDE
AYAR PRODUCE & MEAT MARKET	2727	EL CAMINO REAL
PENINSULA CATERING & EVENTS	175	5TH
EL GRULLENSE E & E	2401	MIDDLEFIELD
THE SADDLE ROOM	1607	WOODSIDE
JOHN BENTLEY RESTAURANT	2915	EL CAMINO REAL
BAY LEAF CAFE & CATERING	1201	RADIO
PAPA JOHNS PIZZA	1201	EL CAMINO REAL
SEQUOIA YACHT CLUB	441	SEAPORT
STARBUCKS COFFEE CO 6585	995	MARSH MANOR
LUCIAS PIZZERIA	1725	WOODSIDE
Clean Harbors Environmental Services, Inc.	695	SEAPORT
GENOMIC HEALTH INC	101	GALVESTON
NOR CAL COLLISION	2504	EL CAMINO REAL
YUMI YOGURTS	947	EL CAMINO REAL
STUDEBAKERS WEST	335	CONVENTION
VALERO STATION #7245	503	WHIPPLE
MARSHALLS	2545	EL CAMINO REAL
O'Reilly Auto Parts #3474	2411	EL CAMINO REAL
RON CHUCK ENGINEERING	375	CONVENTION
CARPET MAINT SUPPLY INC	1475	VETERANS
WOODSIDE DELICATESSEN	1453	WOODSIDE
ROSITAS TACO STOP	1515	WOODSIDE
RANCHO AUTO SERVICE	692	VETERANS
PT OF RC-USED OIL COLLECTION CTR	451	SEAPORT
PORT OF REDWOOD CITY (YACHT HA	675	Seaport
SAN MATEO COUNTY MOTOR POOL	501	WINSLOW
CARGILL SALT	295	Seaport
PENINSULA INFINITI	386	CONVENTION

C.4.b.iii(2)
Facilities Scheduled for Inspection in FY15-16

Name	Street Number	Street Name
SANZ BODY SHOP	3150	ROLISON
ORACLE AMERICA INC	301-501	ISLAND PARK
GYPSUM PILE PORT OF RWC	675	SEAPORT
HARBOR READY MIX	123	SEAPORT
LYNGSO GARDEN MATERIALS INC	19	SEAPORT
RECYCLED WATER PLANT	1402	Radio
Pen #2	1050	Twin Dolphin
Edgewood Pump Station	2196	Edgewood
Glenloch Pump Station		Glenloch & Hillcrest
GRANITE ROCK ASPHALT&ROAD OILS	365	BLOMQUIST
GRANITE ROCK CORP	355	BLOMQUIST
C F ARCHIBALD PAVING INC	3624	HAVEN
Kmart #4349	1155	Veterans
MUFFLER EXPRESS	1414	EL CAMINO REAL
PARTY CITY	1289	VETERANS
BENS AUTO TECH	413	LATHROP
CYCLE GEAR	1326	EL CAMINO REAL
REDWOOD SHORES CLEANERS	370	BRIDGE
KNBR TRANSMITTER FACILITY	1410	RADIO
CEMEX CONST. MATERIALS PAC LLC	775	SEAPORT
ROYS CLEANER	1100	EL CAMINO REAL
PULGAS DECHLORAMINATION FAC/PUMP ST	66	CANADA RD-S OF HWY 92
MUNICIPAL SERVICES CTR	1400	Broadway
TOWNE FORD SALES	1601	El Camino Real
ELKS LODGE	938	WILMINGTON
Firestone Complete Auto Care # 3671	1458	El Camino Real
SPEED AND COLOR BODY SHOP	20	DILLER
Lucky #745	200	Woodside
Rite Aid #5892	340	Woodside
ESBRO	775	SEAPORT
HUDSON PACIFIC PROPERTIES	333	TWIN DOLPHIN
HUDSON PACIFIC PROPERTIES	203	REDWOOD SHORES
PUTNAM LEXUS		
NOMAS AUTO REPAIR & BODY SHOP	435	DUMBARTON

C.4.b.iii(2)
Facilities Scheduled for Inspection in FY15-16

Name	Street Number	Street Name
ALPINE CONSTRUCTION	927	ARGUELLO
CASTILLOS AUTO ELECTRIC	24	WILLOW
CEMEX RWC CEMENT TERMINAL	876	SEAPORT
SIRENA MOWER SHOP	91	5TH
REDWOOD GENERAL TIRE SERVICE	1630	BROADWAY
AIRE SHEET METAL INC	1973	BAYSHORE
5TH AVENUE ENTERPRISE	1603	BROADWAY
BOARDWALK MOTORCAR GROUP		
FRANKLIN ST COFFEE	1053	EL CAMINO REAL
EL ZARAPE BAR-N-GRILL	1808	EL CAMINO REAL
TARGET T0321	2485	EL CAMINO REAL
STARBUCKS COFFEE	1045	EL CAMINO REAL
TOYOTA 101	525	BAYSHORE
LEGACY AUTO REPAIR	105	EL CAMINO REAL
AutoZone #4026	901	El Camino Real
CAR DAY CARE TIRE CENTER	535	WHIPPLE
LAND ROVER	440	CONVENTION
PRESS RITE CLEANERS	1595	WOODSIDE
GENOMIC HEALTH	301	PENOBSCOT
ONCOMED PHARMACEUTICALS INC	800	CHESAPEAKE
Kelly Moore Paint Company	1391	WOODSIDE
ARCO 06023	1801	WOODSIDE
Granite Rock Company	195	Seaport
AVINGER	400	CHESAPEAKE
CODEXIS, INC	400	PENOBSCOT
CODEXIS, INC	501	CHESAPEAKE
CODEXIS, INC	200	PENOBSCOT
HELENS ONE HOUR CLEANERS	1594	WOODSIDE
IDEAL R V & TRAILER SUPPLY	3375	BAYSHORE
COSTCO WHOLESALE #1042	2300	MIDDLEFIELD
PEARL THERAPEUTICS INC	200	SAGINAW
SIGONAS FARMERS MARKET	2345	MIDDLEFIELD
ROYAL CLEANERS	902	WHIPPLE
HOOVER SCHOOL	701	CHARTER

C.4.b.iii(2)
Facilities Scheduled for Inspection in FY15-16

Name	Street Number	Street Name
SYNTHEGO CORP	3696	HAVEN
HOPKINS ACURA	1555	EL CAMINO REAL
REDWOOD CAR CARE	1331	EL CAMINO REAL
JAMBA JUICE COMPANY #69	1007	EL CAMINO REAL
NORDIC MOTORS	65	WINSLOW
BIOSTRIDE INC	1201	DOUGLAS
PRO CARE	1704	INDUSTRIAL
TAFT SCHOOL	903	10TH
NURIS DONUT HOUSE	416	EL CAMINO REAL
NIKKOS MEXICAN GRILL	408	EL CAMINO REAL
AHISUSHI AND HIBACHI	1784	BROADWAY
Verizon Business: RDWDCA		EL CAMINO N OF WHIPPLE
ABBVIE BIOTHERAPEUTICS INC	1500	SEAPORT
PENTAIR THERMAL MANAGEMENT	2555	BAY
WEST COAST COLLISION	525	STANDISH
HN LOCKWOOD INC	450	MAPLE
YAT SING RESTAURANT	38	WOODSIDE PLAZA
C/O LICENSING DEPT	340	WOODSIDE PLAZA
BRISTOL MYERS SCQUIBB COMPANY	700	BAY
MCDONALDS	709	WOODSIDE
COOKS COLLISION OF REDWOOD CITY	1104	MAIN
SWIMMING POOL PERFECTIONS	629	BAIR ISLAND
ALAN STEEL & SUPPLY CO	505	BAYSHORE
GOURMET HAUS STAUDT	2615	BROADWAY
NOAHS BAGELS	1067	EL CAMINO REAL
ROOSEVELT LIQUOR & GROCERY	1700	EL CAMINO REAL
JACK IN THE BOX #525	1205	BROADWAY
CALIFORNIA WATER SVC CO MPS 117		CRESTVIEW DR & EDGEWOOD
ROUND TABLE PIZZA	128	WOODSIDE PLAZA
LV MAR	2042	BROADWAY
DOWNTOWN	2050	BROADWAY
MAIN ST MARKET	804	MAIN
KAISER PERMANENTE HOSPITAL	1150	VETERANS
PRECISION TUNE AUTO CARE	1304	EL CAMINO REAL

C.4.b.iii(2)**Facilities Scheduled for Inspection in FY15-16**

Name	Street Number	Street Name
JIFFY LUBE	640	Whipple
ATHERTON SUBS	995	MARSH MANOR
TACOS EL GRULLENSE E & E	999	EL CAMINO REAL
MILAGROS RESTAURANT	1099	MIDDLEFIELD
KENNEDY & ALLEN INC	1026	EL CAMINO REAL
CASA DE REDWOOD	1280	VETERANS
UNA MAS MEXICAN GRILL	224	REDWOOD SHORES
Redwood City School District(Maintenance and Operation)	601	JAMES
CHUCKS DONUTS	801	WOODSIDE
A-1 RENTAL CENTER	1125	ARGUELLO
HONDA REDWOOD CITY	601	EL CAMINO REAL
CARLSEN SUBARU	480	VETERANS
TOWNE AUTO BODY	111	Cedar
HUDSON AUTO INC	582	WOODSIDE
CHESTNUT AUTOMOTIVE BRAKE/ALIGNMENT	160	CHESTNUT
SMCO THHW	1400	BROADWAY
QUONG LEE PENINSULA CLEANING SVCS	1681	BROADWAY
SEQUOIA HEALTH SERVICES	170	ALAMEDA DE LAS PULGAS
CALIFORNIA HIGHWAY PATROL	355	CONVENTION
AT&T California - P3056	1121	JEFFERSON
TYCO ELECTRONICS	501	OAKSIDE
B & D AUTOMOTIVE	1510	MAIN
JESUS AUTO REPAIR GARAGE	2701	BUCKINGHAM
JUAN'S AUTO REPAIR	2938	CROCKER
EL CHINO AUTO REPAIR	2903	CROCKER
ANNUZZIS CUSTOM CABINET	2127	MIDDLEFIELD
KYS AUTO REPAIR	2633	EL CAMINO REAL
SOUTH BAY BODY SHOP	417	D
SIMS METAL MANAGEMENT	699	SEAPORT
Gas and Shop	3139	Jefferson
GAS 2 YOU	836	WILLOW
SILVER SPRING NETWORK	555	BROADWAY
BEST TAQUERIA	3102	MIDDLEFIELD
AUTO MASTER	67	EL CAMINO REAL

C.4.b.iii(2)

Facilities Scheduled for Inspection in FY15-16

Name	Street Number	Street Name
BK 2443	575	EL CAMINO REAL
KUNOS INC	881	DOUGLAS
Sherwin-Williams #8516	696	BROADWAY
EL CAMINO MARTCO	602	EL CAMINO REAL
GOLDEN ROOFING COMPANY, INC.	828	WILLOW
CHEVRON STATION #91374	990	Veterans
TOY AUTO CLINIC	35	HAZEL
BANGKOK BAY INC	825	EL CAMINO REAL
FIVE POINTS TIRE IMPORTS	2115	EL CAMINO REAL
HALL OF JUSTICE	400	COUNTY CENTER
MAGUIRE CORRECTIONAL FACILITY	330	BRADFORD
A B & W MARKET	3115	JEFFERSON
Veterans Shell #148	690	Veterans
TOYOTA SCION SPECIALIST	61	WILLOW
ERIKS DELI CAFE	400	WALNUT
STARBUCKS COFFEE	400	WALNUT
PHIL FINER REFRIGERATION	1001	MAIN
SEWER LIFT STATION #22	999	REDWOOD SHORES
SEWER LIFT STATION #10	747	DAVIT
SEWER LIFT STATION #19		SHEARWATER @ HAMPTON/SHOA
SEWER LIFT STATION #3	512	TRIDENT
SEWER LIFT STATION #2	600	MARINE WORLD
SEWER LIFT STATION #12	790	MARINE WORLD
SEWER LIFT STATION #17	11	AVOCET
Propel Fuels, Inc. (202024)		
Redwood City Chrysler Dodge Jeep Ram	543	EL CAMINO REAL
PREMIER AUTO COLLISON	1612	EL CAMINO REAL
HENRY FORD SCHOOL	2498	MASSACHUSETTS
KENNEDY SCHOOL	2521	GOODWIN
TOGOS EATERY	242	REDWOOD SHORES
FREDS GARAGE INC	416	D
JACK IN THE BOX #469	986	WOODSIDE
MARTINS WEST	831	MAIN
MCDONALD	185	CHESTNUT

C.4.b.iii(2)**Facilities Scheduled for Inspection in FY15-16**

Name	Street Number	Street Name
MARINE SCIENCE INSTITUTE	500	DISCOVERY
VERA CASH MARKET	400	VERA
DARINS TRUCKING SERVICE	766	WARRINGTON
PURPLETIE	500	HOWLAND
PRECISION AUTO REPAIR CENTER	110	PINE
BON APPETIT 500 CAFE	500	ORACLE
BON APPETIT 350 CAFE	350	ORACLE
ARCO 00306	1700	MIDDLEFIELD
JON 76	234	EL CAMINO REAL
WOODSIDE MANOR LIQUORS	524	WOODSIDE
PANADERIA MICHOACAN #4	2561	EL CAMINO REAL
CANADA COLLEGE	4200	FARMHILL
SEQUOIA HIGH SCHOOL	1201	BREWSTER
BON APPETIT 200	200	ORACLE
SUHSD/TRANSPORTATION	480	James
FIRE STATION #9	755	MARSHALL
CANYON AUTO SERVICE	590	CANYON
SEVEN ELEVEN STORE #14339	895	5TH
ATHERTON U-SAVE LIQUORS	3107	EL CAMINO REAL
STEM CELL THERANOSTICS	640	GALVESTON
THE HABIT BURGER GRILL	1101	EL CAMINO REAL
THE BLACKSMITH	2048	BROADWAY
REVOLUTION MEDICINES	700	SAGINAW
EDIBLE ARRANGEMENTS	1685	BROADWAY
VITALITY BOWLS	835	MIDDLEFIELD
SKYLINE HYDROGEN ENERGY CORP	17289	SKYLINE
PHILZ COFFEE	2116	BROADWAY
SQUEEZE INN	3710	FLORENCE
CAFE VIE AT REDWOOD CITY	450	BROADWAY
THE VITAMIN SHOPPE	1200	EL CAMINO REAL
TACO BELL #30787	2693	EL CAMINO REAL
HOWIES ARTISAN PIZZA	837	JEFFERSON
GORDON MANOR	1616	GORDON
THAIBODIA	910	WOODSIDE

C.4.b.iii(2)**Facilities Scheduled for Inspection in FY15-16**

Name	Street Number	Street Name
840 WINE BAR & COCKTAIL LOUNGE	840	BREWSTER
REDWOOD 76	1603	BROADWAY
TORRES AUTO REPAIR	2905	FLOOD
TURFSIDE GRILL	3151	EDISON
INTEGRATED DNA TECHNOLOGIES INC	200	CHESAPEAKE
DISCOTECA DONALETY	2821	MIDDLEFIELD
SPEEDEE OIL CHANGE	550	VETERANS
GREEN LEAF ASIAN BISTRO	865	MIDDLEFIELD
CORNER YOGURT	1501	WOODSIDE
BLISS COFFEE	2400	BROADWAY
DULCE PINATAS	401	2ND
THE GRILL HOUSE	246	REDWOOD SHORES
PENINSULA MERCEDES	650	BROADWAY
SAKURA 2	373	MAIN
CAFE ZOE-REDWOOD CITY	2074	BROADWAY
MAYS VIETNAMESE RESTAURANT	2088	BROADWAY
MUSCARA BROS. PAVING INC	2875	FAIR OAKS
AMIE WINE BAR	823	HAMILTON
WAREHOUSE DEMO SERVICES # 1042	2300	MIDDLEFIELD
HILL COUNTRY BBQ	2655	MIDDLEFIELD
GAMBREL AND CO	810	MAIN
SWEET55	897	BARRON
BROADWAY SUBS	2034	BROADWAY
ZIPOTES PUPUSERIA	828	5TH
CHRISTINAS DELI	2701	EL CAMINO REAL
SEA LINK CAFE	399	MARINE
LA CASITA CHILANGA	795	5TH
CASSIS CATERING	1757	BAYSHORE
DINER JAPONICA	593	WOODSIDE
FISHS WILD FISH GRILL & MORE	855	MIDDLEFIELD
PENINSULA LIQUORS	717	EL CAMINO REAL
TRAGON CORP	350	BRIDGE
TACOS LOS GEMELOS	1630	EL CAMINO REAL
FOX THEATER	2221	BROADWAY

C.4.b.iii(2)**Facilities Scheduled for Inspection in FY15-16**

Name	Street Number	Street Name
MAX RESTAURANT	1001	EL CAMINO REAL
CVS/PHARMACY #9690	1301	BROADWAY
ATRECA INC	500	SAGINAW

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Attachment

Provision C.5 Illicit Discharge Detection and Elimination

1. C.5.d.iii SMCWPPP Mobile Business BMP Brochure

Why should we be concerned with wash water disposal?

Wash water from mobile cleaning is NOT just dirt and water. It also may contain soaps, toxic chemicals, heavy metals, oil, and/or grease that are harmful to our creeks and waterways.

Pollutants draining from mobile cleaning activities are washed into the street and into the storm drain system which then flows to our creeks, Bay, and Ocean without any cleaning or filtering.

Federal, State, and local regulations **prohibit discharge of anything but rain water in the storm drain.**

Implementing the proper Best Management Practices (BMPs) is easy and is required for compliance with stormwater pollution prevention regulations.



What about biodegradable and non-toxic cleaning products?

Cleaning products labeled “non-toxic” and “biodegradable” can still harm wildlife if they enter a storm drain system. Fish, for example, are affected by both regular and biodegradable soap! However, if disposed of in the sanitary sewer system, wastewater treatment plants prefer biodegradable products over toxic cleaners.



Plan Ahead

- Determine where you will discharge wastewater before starting a new job.
- Be sure to have equipment on hand (i.e. long hoses, sump pump, etc.) for directing discharge to sanitary sewer access points. Ensure hoses are long enough to reach access points that are far from your holding tank.



Contact your local hardware or construction material stores for available tools and materials for mobile businesses including wet/dry vacuums and sump pumps, mats, sand or gravel bags, wattles, etc.

Options for Disposal

- Never** drain wash or rinse water into streets, gutters, parking lots, or storm drains.
- Wash and rinse waters can usually be discharged to the sanitary sewer through a drain at the property owner's home or business, such as a utility sink, floor drain, mop sink, cleanout or toilet. Take precautions to prevent debris, hazardous materials or anything that can clog from entering sinks, toilets or sanitary drains.
 - Direct water to landscaping or gravel surfaces. Wash water must completely soak into vegetation before you leave the site.

Doing the Job Right Checklist of BMPs

- Walk the area to identify storm drains.
- Sweep the wash area to remove debris.
- If feasible, wash on a vegetated or gravel surface where wash water can infiltrate into the ground without runoff.
- Contain wash area so that water does not drain down streets and gutters— use sand bags, plugs, containment mats or berms.
- Block or seal off any storm drain inlets and sloping areas that release water to the gutter to prevent wash water from entering the storm drain.
- Put storm drain protection in place before starting the washing process and remove before you leave the site.
- Vacuum or shake floor mats into a trash can.
- Minimize water use; use nozzles on hoses.
- Use less-toxic cleaning products (or wash without soaps and solvents, if possible)
- Use a “wet-vac” to vacuum up the contained wash water for proper disposal.
- Remove all debris or sediment accumulated during washing activities and put in the trash, or if it is hazardous, dispose of it properly.



Three Steps to Remember Before You Clean

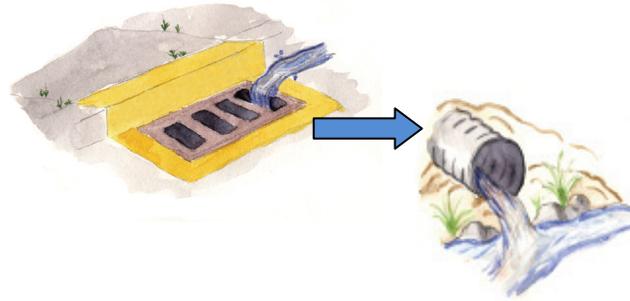
1. **Be a BASMAA Recognized Mobile Cleaner** Take the online “mobile surface cleaning” training from BASMAA (Bay Area Stormwater Management Agencies Association). This program will train you on how to clean different surfaces in an environmentally acceptable way and publish your name as a trained cleaner. Visit www.basmaa.org.
2. **Ask Your Local Inspector** Contact your local City stormwater inspector to determine specific discharge requirements. Obtain permission to discharge to the property owner’s sanitary sewer plumbing or landscaping before starting the job.
3. **Divert and Collect Wash Water** Cover the storm drains to prevent wash water from entering and divert wash water to the sanitary sewer system if permitted to do so. Small amounts may be diverted to landscaped areas, if appropriate.

Local Pollution Control Agencies

Burlingame Waste Water Treatment Facility	(650) 342-3727
Millbrae Water Pollution Control Plant	(650) 259-2388
North San Mateo County Sanitation District Wastewater Treatment Plant.....	(650) 991-8200
Pacifica’s Calera Creek Water Recycling Plant.....	(650) 738-4660
San Mateo Waste Water Treatment Plant	(650) 522-7300
Sewer Authority Mid Coastside Wastewater Treatment Facility	(650) 726-0124
South Bayside System Authority	(650) 594-8411 ext. 140
South San Francisco/San Bruno Water Quality Control Plant.....	(650) 877-8555
Palo Alto Regional Water Quality Control Plant	(650) 329-2598
San Francisco’s Southeast Treatment Plant.....	(415) 648-6882

Protect the Bay, the Ocean, and Yourself!

When wash water flows into storm drains it goes straight to local creeks and the Bay or Ocean without any cleaning or filtering.



If you discharge wash water generated by mobile cleaning activities to the storm drain, **you are violating municipal stormwater ordinances and may be subject to a fine.**

For More Information About Stormwater Pollution Prevention

Insert Contact Information and logo



The San Mateo Countywide Water Pollution Prevention Program acknowledges the Santa Clara Valley Urban Runoff Pollution Prevention Program for developing and sharing the content and artwork of this brochure.

October 2012

Best Management Practices for

MOBILE BUSINESSES

- Carpet Cleaners
- Vehicle Washers or Detailers
- Power Washers
- Pet Care Services
- Steam Cleaners



Information about using Best Management Practices (BMPs) to prevent wash and rinse waters from entering storm drain systems and polluting local waterways, our Bay, and our Ocean.

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Attachment

Provision C.9 Pesticides Toxicity Controls

1. Terminix Contract Letter
2. Terminix IPM Certifications



GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to

The Terminix International Co.

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.



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