

MUNICIPAL SERVICES CENTER (MSC) 1400 Broadway Street Redwood City, CA 94063-2505 Telephone: (650) 780-7466 www.redwoodcity.org/publicworks

September 30, 2017

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 2016/17 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.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2016/17 and related accomplishments.

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

Very truly yours,

Terence Kyaw

Assistant Public Works Services Director

# CITY OF REDWOOD CITY FY 2016/17 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 Director

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## Section 1 - Permittee Information

Backg	round Informa	ation									
Permitte	ee Name:	City of Redw	City of Redwood City								
Populat	tion:	84,950	4,950								
NPDES P	Permit No.:	CAS612008									
Order N	lumber:	R2-2015-0049	)								
Reportir	ng Time Period (n	nonth/year):	July 2016	6 through Jun	ie 2017						
Name o	of the Responsible	e Authority:	Melissa S	Stevenson Dia	az				Title:	City Manager	
Mailing	Address:		P.O. Box	391							
City:	Redwood City			Zip Code:	94063			С	ounty:	San Mateo	
Telepho	one Number:		(650) 780	50) 780-7301 Fax Number:						(650) 780-7445	
E-mail A	Address:		mdiaz@r	edwoodcity.	org						
Manage	of the Designated ement Program C nt from above):		Terence	Terence Kyaw Title: Assistant Po				ant Public	Public Works Services Director		
Departn	ment:		Public W	Public Works Services Department							
Mailing	Address:	1400 Broadw	ay ay								
City:	Redwood City	•		Zip Code:	94063			С	ounty:	San Mateo	
Telepho	one Number:		(650) 780	0-7466 Fax Number:				(650) 780-7445			
E-mail A	E-mail Address: tkyawo			yaw@redwoodcity.org							

#### Section 2 - Provision C.2 Reporting Municipal Operations

#### **Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

City staff continues to participate in SMCWPPP's Municipal Subcommittee. In FY 16/17, the City installed 112 full trash capture devices. Public Works is implementing a new electronic work order management system and has begun work on integrating the O&M data management for trash capture devices with the new system. The City continues to operate stormwater pump stations and conduct yearly inspections of the Corp Yard.

### 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
  - 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.

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

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
  - 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:

Doe	s your municipality own/maintain rural <sup>1</sup> roads:		Yes	Х	No
If you	ur answer is <b>No</b> then skip to <b>C.2.f</b> .				
expla more	e a $\bf Y$ in the boxes next to activities where applicable BMPs were implement anation in the comments section below. Place an $\bf N$ in the boxes next to a confidence of these activities during the reporting fiscal year, then in the comments seemented and the corrective actions taken.	tiviti∈	es where applic	able	BMPs were not implemented for one or
	Control of road-related erosion and sediment transport from road design	cons	struction, main	tenar	nce, and repairs in rural areas
	Identification and prioritization of rural road maintenance based on soil e	rosioi	n potential, slop	oe ste	eepness, and stream habitat resources
	No impact to creek functions including migratory fish passage during co	struc	tion of roads a	nd cı	ulverts
	Inspection of rural roads for structural integrity and prevention of impact	on wa	ater quality		
	Maintenance of rural roads adjacent to streams and riparian habitat to rerosion	educ	e erosion, repla	ace d	amaging shotgun culverts and excessive
	Re-grading of unpaved rural roads to slope outward where consistent wi as appropriate	h roa	d engineering	safet	y standards, and installation of water bars
	Inclusion of measures to reduce erosion, provide fish passage, and main design of new culverts or bridge crossings	ain na	atural stream g	eom	orphology when replacing culverts or
Com	nments including listing increased maintenance in priority areas:				

FY 16-17 AR Form 2-3 9/30/17

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

C.2	.f. ► Corporation Yard BMP Implementation								
Plac	e an <b>X</b> in the boxes below that apply to your corporations yard(s):								
	We do not have a corporation yard								
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit								
Χ	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)								
арр	e an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not licable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and ain in the comments section below:								
Х	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment								
Х	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system								
Х	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method								
Х	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								
Χ	Cover and/or berm outdoor storage areas containing waste pollutants								
Con	nments:								

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

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date <sup>2</sup>	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Municipal Services Center	General housekeeping, vehicle/ equipment washing; vehicle/ equipment maintenance & repair, fuel dispensing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/heavy equipment parking; and employee parking	09/09/2016	No issues found during inspection.	No follow-up action required.

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

FY 16-17 AR Form 2-4 9/30/17

# C.3 - New Development and Redevelopment

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

C.3.b.iv.(1) ► Regulated Projects Approved Prior to C.3 Requirements				
(For FY 2016-17 Annual Report only) Does your agency have any Regulated Projects that were approved with no Provision C.3 stormwater treatment requirements under a previous MS4 permit and that did not begin construction by January 1, 2016 (i.e., that are subject to Provision C.3.b.i.(2))?	Х	Yes		No
If yes, complete attached Table C.3.b.iv.(1). See attached table.				_
C.3.b.iv.(2) ► Regulated Projects Reporting				
Fill in attached table C.3.b.iv.(2) or attach your own table including the same information	n. <b>See</b>	attached ta	ıble.	
C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.				
Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		Yes	Х	No
Comments (optional):				•
Redwood City does not allow fees or LID treatment at an off-site location for in-lieu comp	oliance	e under C.3.	e.i.	
Redwood City does permit in-lieu compliance via LID Treatment Reduction Credits unde	r C.3.e	ii for Specia	ıl Proje	ects, under the legal authority in
already in place in Redwood City Municipal Code Section 27A. Staff sends written confi	rmatio	n to Special	Projec	ct owners confirming their status
after review of documents such as geotechnical reports, LID infeasibility/feasibility works	heets,	and conce	ptual p	olans.

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

1. In FY 2016-17, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii.(2) for any of the three categories of Special Projects (Categories A, B or C)?	X	Yes	No
2. In FY 2016-17, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the <b>C.3.b.iv.(2)</b> Table, and the <b>C.3.e.v.</b> Table.	Χ	Yes	No

If you answered "Yes" to either question,

Complete Table C.3.e.v.

Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

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

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

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

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

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY15-16)	60
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 16-17)	67
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 16-17)	0
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 16-17)	0%3

FY 16-17 AR Form 3-3 9/30/17

<sup>&</sup>lt;sup>3</sup> Based on the number of Regulated Projects in the database or tabular format at the end of the <u>previous</u> fiscal year (FY 15-16), per MRP Provision C.3.h.ii.(6)(b).

## C.3 - New Development and Redevelopment

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

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

#### Summary:

This reporting year the inspection program was not conducted by staff. During the prior reporting period, inspections were conducted in May and June, 2016. This year staff did not conduct its annual inspections, but as of August 25<sup>th</sup>, 2017 has sent notifications to schedule inspections in September, 2017. The intent of these inspections will be to cover the 20% of sites not inspected during the 2016-2017 reporting period, approximately 15 months after the last set of inspections instead of a normal 12 month period. An additional 20% of sites will be inspected during the 2017-2018 reporting period as required by that year's inspection requirements, for a total of 40% of sites to be inspected.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

#### Summary:

The program is generally effective when performed. After missing inspections during the 2011-2012 reporting period as of the last reporting period all sites within the City had been re-inspected to return to regular annual inspections, and this will again be done to achieve 40% of sites inspected during the next reporting period to maintain the average five year inspection cycle.

C.3.h.v.(4) ► Enforcement Response Plan			_	
(For FY 2016-17 Annual Report only) Has your agency completed an Enforcement Response Plan for all O&M inspections of stormwater treatment measures by July 1, 2017?	Х	Yes		No
If No, provide schedule for completion:		_		-

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

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

Summary:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i.

#### C.3.j.i.(5)(a) ► Green Infrastructure Framework or Work Plan

(For FY 2016-17 Annual Report only) Was your agency's Green Infrastructure Framework or Work Plan approved by the agency's governing body, mayor, city manager, or county manager by June 30, 2017?

X Yes, approval documentation attached

No

If Yes, describe approval process and documentation:

On May 22, 2017 the City Council Adopted Resolution No. 15587 approving a Workplan to develop a Green Infrastructure Plan in accordance with provision C.3.J. The resolution is attached for reference.

## C.3.j.i.(5)(d) ► Green Infrastructure Outreach

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

#### Summary:

The engineering division has been the lead in in outreach and education efforts since they are responsible for the review of all C.3 regulated projects during entitlements and construction drawing phases. Engineering gave a presentation to all City departments on February 25, 2016, with a focused presentation to all planning staff on March 7, 2016. Since then a green infrastructure working group was formed with a representative from all City departments to meet and discuss progress on the green infrastructure plan on a quarterly basis. Presentations were made to the City Council's Utilities Sub-Committee and to the Complete Streets Advisory Committee in March 2017, and additional presentations are expected to be given to these committees in the future. There are also plans to present to the Parks, Recreation and Community Services Commission and the Planning Commission, prior to Council consideration of the Green Infrastructure Plan in the next 2 years.

Please refer to the SMCWPPP FY 16-17 Annual Report for a summary of outreach efforts implemented.

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

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

A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).

A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

#### **Background Information:**

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

One of the projects previously identified for potential will now incorporate green infrastructure elements. The other projects do still have potential but are in the planning stage, conceptual plan stage, or are on hold due to unforeseen issues. One project was removed because the scope was reduced, and green infrastructure was no longer feasible.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

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

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

Please refer to the SMCWPPP FY 16-17 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

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

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

Please refer to the SMCWPPP FY 16-17 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(1) ► List of Requirements	f Regulated Projects Approved Prior to C.3		
Project Name Project No.	Project Location <sup>4</sup> , Street Address	Type of Stormwater Treatment Required <sup>5</sup>	Type of Exemption Granted <sup>6</sup>
718 Canyon CP14-0062	718 Canyon Road; 761, 763, and 765 Bain Place Redwood City, CA	No treatment required; detention was required.	The project was previously approved with a vesting tentative map.

<sup>&</sup>lt;sup>4</sup> Include cross streets

<sup>&</sup>lt;sup>5</sup> Indicate the stormwater treatment system required, if applicable

<sup>6</sup> Indicate the type for exemption, if applicable. For example, the project was previously approved with a vesting tentative map, or the Permittee has no legal authority to require changes to previously granted approvals (such as previously granted building permits).

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

Project Name Project No.	Project Location <sup>7</sup> , Street Address	Name of Developer	Project Phase No.8	Project Type & Description <sup>9</sup>	Project Watershed <sup>10</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²)11	Total Replaced Impervious Surface Area (ft²)1²	Total Pre- Project Impervious Surface Area <sup>13</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>14</sup> (ft²)
Private Projects											
801 Brewster	801 Brewster Ave, Redwood City, CA	Anton Development Co	N/A	8-story residential condominium building with multiple levels of below grade parking	Redwood Creek	1.66	1.66	4,086	61,114	61,114	65,200
3636 Haven CP17-0150	3636 Haven Ave, Redwood City, CA	Carlsen Porsche	N/A	A one-story building expansion and parking lot reconstruction at an existing car dealership	Bayfront Canal	1.83	0.703	0	21,161	79,650	65,044
910 Woodside CP17-0147	910 Woodside Rd, Redwood City, CA	Valera Fooksman	N/A	A Condominium project with 10 Residential Units	Bayfront Canal	0.31	0.31	0	9,987	11,785	9,987
Greystar IV CP17-0120	1409 El Camino Real, Redwood City, CA	Greystar Development	N/A	8-story mixed-use retail and residential condominium building with multiple levels of	Redwood Creek	1.64	1.64	6,265	65,221	65,221	71,486

<sup>&</sup>lt;sup>7</sup>Include cross streets

<sup>8</sup> If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

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

<sup>&</sup>lt;sup>10</sup>State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

<sup>&</sup>lt;sup>11</sup>All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>&</sup>lt;sup>12</sup>All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>&</sup>lt;sup>13</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>&</sup>lt;sup>14</sup>For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Project Location <sup>7</sup> , Street Address	Name of Developer	Project Phase No.8	Project Type & Description <sup>9</sup>	Project Watershed 10	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²)11	Total Replaced Impervious Surface Area (ft²)12	Total Pre- Project Impervious Surface Area <sup>13</sup> (ft²)	Total Post- Project Impervious Surface Area <sup>14</sup> (ft²)
				below grade parking							
1629 Main CP16-0265	1629 Main St, Redwood City, CA	Butler Realty III	N/A	4-story mixed-use Residential and Office project with ground floor parking	Redwood Creek	1.01	1.01	8,574	27,384	27,384	35,958
720 Bay Rd CP16-0167	720 Bay Rd, Redwood City, CA	BMR Bay LP	1	New patio area over existing parking lot, parking reconfiguration	Bayfront Canal	11.64	0.28	0	12,000	506,465	505,721
Sandpiper Middle School CP17-0025	797 Redwood Shores Parkway, Redwood City, CA	Varun Enterprises, Inc.	1	2-story middle school	Redwood Shores Lagoon	11.06	0.84	5,153	11,628	15,949	16,781
2485 El Camino Real B16-2508	2485 El Camino Real, Redwood City, CA	Target Corporation	1	Expansion of storage area and new loading docks	Bayfront Canal	8.76	0.44	0	19,200	381,603	381,221
2215 El Camino Real CP16-0178	2215 El Camino Real, Redwood City, CA	Varun Enterprises, Inc.	1	New Convenience store and canopy at an existing gas station	Bayfront Canal	.88	.88	415	28,750	28,750	29,165
Stanford Medical Center Parking Structure CP16-0222	420-450 Broadway, Redwood City, CA	Stanford Health Care	1	A new 216,254 square foot parking garage	Bayfront Canal	11.32	3.1	0	80,615	406,800	403,160
Stanford in Redwood City Phase 1 CP17-0037	415-505 Broadway, 900-905 Barron Ave, 2855 Bay Rd, 900 Warrington Ave, & 1230 Douglas Ave, Redwood City, CA	Board of Trustees of Leland Stanford University	1	Redevelopment of the former Mid-Point Technology Park: The first phase of the campus will include four office buildings,	Bayfront Canal	34.5	19.8	169,640	513,654	1,240,364	1,410,004

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

Project Name Project No.	Project Location <sup>7</sup> , Street Address	Name of Developer	Project Phase No.8	Project Type &  Description <sup>9</sup>	Project Watershed <sup>10</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²)11	Total Replaced Impervious Surface Area (ft²)1²	Total Pre- Project Impervious Surface Area <sup>13</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>14</sup> (ft <sup>2</sup> )
				outdoor dining areas and plazas, a child care center, a parking garage, a fitness center, a central energy facility. and 2 new private streets							
Public Projects	•			•							
California Tank and Pump Station	California Way & Summit Way Redwood City, CA 94062	City of Redwood City	N/A	Construct a 750,000 gallon water tank and pump station	Redwood Creek	8.67	0.66	16,496	218	5,818	22,096
Comments:											

FY 16-17 AR Form 3-10 9/30/16

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

Project Name	Application Deemed Complete	Application Final Approval	Source Control	Cita Daciero Macanasa 18	Treatment Systems	Type of Operation & Maintenance Responsibility	Hydraulic Sizing	Alternative Compliance Measures <sup>22/</sup>	Alternative Certification	HM
,	Date <sup>15</sup>	Date <sup>16</sup>	Measures <sup>17</sup>	Site Design Measures <sup>18</sup>	Approved <sup>19</sup>	Mechanism <sup>20</sup>	Criteria <sup>21</sup>	23	24	Controls <sup>25/26</sup>
Private Projects										
801 Brewster	4/24/2017	4/24/2017	Label storm drain inlets, plumb floor drains, parking garage drainage, and swimming pool to sewer, appropriate plant selection, provide a roofed and enclosed refuse area which drains to sanitary sewer, design for discharge of fire sprinkler test water to landscape, miscellaneous drain or wash water to landscape areas	Direct runoff (roof, sidewalk, walkways) to vegetated areas. Use micro-detention, including distributed landscape-based detention, include self-treating areas.	Media filter meeting treatment requirement of C.3.d	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow Based	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area

<sup>15</sup>For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

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<sup>&</sup>lt;sup>16</sup>For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>&</sup>lt;sup>17</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>18</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>&</sup>lt;sup>19</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>&</sup>lt;sup>20</sup>List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>&</sup>lt;sup>21</sup>See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria.

<sup>&</sup>lt;sup>22</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>&</sup>lt;sup>23</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>&</sup>lt;sup>24</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>&</sup>lt;sup>25</sup>If HM control is not required, state why not.

<sup>&</sup>lt;sup>26</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Application Deemed Complete Date <sup>15</sup>	Application Final Approval Date <sup>16</sup>	Source Control Measures <sup>17</sup>	Site Design Measures <sup>18</sup>	Treatment Systems Approved <sup>19</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>20</sup>	Hydraulic Sizing Criteria <sup>21</sup>	Alternative Compliance Measures <sup>22/</sup> 23	Alternative Certification	HM Controls <sup>25/26</sup>
3636 Haven CP17-0150	6/20/2017	6/20/2017	Label storm drain inlets, provide a roofed and enclosed refuse area which drains to sanitary sewer, perform vehicle maintenance indoors, with floor drains to sewer	Direct run off (roof, walkways, parking lot) to permeable pavement areas, construct uncovered parking lots with pervious surfaces	Permeable pavement	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Volume Based	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces
910 Woodside CP17-0147	1/17/2017	1/17/2017	Appropriate plant selection, provide a roofed and enclosed refuse area which drains to sanitary sewer,	Direct run off (roof, sidewalk, driveways) to vegetated areas; construct sidewalks, walkways, and/or patios with pervious or permeable surfaces.	Green Roof, Permeable Pavement	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Volume Based	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces
Greystar IV CP17-0120	4/3/2017	4/3/2017	Label storm drain inlets, plumb floor drains of parking garage and trash area to sewer	Direct run off (roof, sidewalk, driveways) to media filters	Media filter meeting treatment requirement of C.3.d	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow Based	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area
1629 Main CP16-0265	8/16/2016	8/16/2016	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, provide a roofed and enclosed	Direct runoff (roof, sidewalk, driveways) to vegetated areas, minimize land disturbance and	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement,	Flow Based	None	No, project reviewed in- house	N/A, this project does not have over 1 acre

# FY 2016-2017 Annual Report

Permittee Name: City of Redwood City

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

Project Name Project No.	Application Deemed Complete Date <sup>15</sup>	Application Final Approval Date <sup>16</sup>	Source Control Measures <sup>17</sup>	Site Design Measures <sup>18</sup>	Treatment Systems Approved <sup>19</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>20</sup>	Hydraulic Sizing Criteria <sup>21</sup>	Alternative Compliance Measures <sup>22/</sup> 23	Alternative Certification	HM Controls <sup>25/26</sup>
			refuse area which drains to sanitary sewer, design for discharge of fire sprinkler test water to landscape, miscellaneous drain or wash water to landscape areas	impervious surfaces, maximize permeability by clustering development and preserving open space, Use micro-detention, including distributed landscape-based detention, include self-treating areas.		requires the owner to perform routine maintenance				of impervious surfaces
720 Bay Rd CP16-0167	5/18/2016	5/18/2016	Label storm drain inlets, appropriate plant selection	Drain runoff (parking lot and patio area) to bioretention areas.	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow Based	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces
Sandpiper Middle School CP17-0025	1/23/2017	1/23/2017	Label storm drain inlets, appropriate plant selection	Direct runoff (roof, sidewalk, driveways) to vegetated areas, minimize impervious surfaces	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	Flow Based	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces
2485 El Camino Real B16-2508	10/27/201	10/27/201 6	Label storm drain inlets, plumb floor drains of truck unloading/trash	Direct roof runoff to flow through planters	Bioretention areas meeting biotreatment	Stormwater Treatment Measures & Maintenance	Flow Based	None	No, project reviewed inhouse	N/A, this project does not have over 1 acre

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Permittee Name: City of Redwood City

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

Project Name Project No.	Application Deemed Complete Date <sup>15</sup>	Application Final Approval Date <sup>16</sup>	Source Control Measures <sup>17</sup>	Site Design Measures <sup>18</sup>	Treatment Systems Approved <sup>19</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>20</sup>	Hydraulic Sizing Criteria <sup>21</sup>	Alternative Compliance Measures <sup>22/</sup> 23	Alternative Certification	HM Controls <sup>25/26</sup>
			compactor area to sanitary sewer		requirements of C.3.c	Agreement, requires the owner to perform routine maintenance				of impervious surfaces
2215 El Camino Real CP16-0178	3/15/2016	3/15/2016	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, provide a roofed and enclosed refuse area which drains to sanitary sewer, design for discharge of fire sprinkler test water to landscape, miscellaneous drain or wash water to landscape areas	Direct runoff (roof, sidewalk, driveways) to vegetated areas, and include self-treating areas and self-retaining areas.	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	4% method	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces
Stanford Medical Center Parking Structure CP16-0222	8/16/2016	8/16/2016	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection,	Direct roof runoff to vegetated areas, and minimize surface parking	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement, requires the owner to perform routine maintenance	4% method	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is part of the exempt area
Stanford in Redwood City Phase 1 CP17-0037	12/12/201 6	12/12/201 6	Label storm drain inlets, plumb floor drains to sewer, appropriate plant selection, provide a roofed and enclosed	Direct runoff (roof, sidewalk, driveways) to vegetated areas, minimize land disturbance and	Bioretention areas meeting biotreatment requirements of C.3.c	Stormwater Treatment Measures & Maintenance Agreement,	4% method and Combinatio n flow and	None	No, project reviewed in- house	N/A, this project is not subject to HM controls because it is

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

Project Name Project No.	Application Deemed Complete Date <sup>15</sup>	Application Final Approval Date <sup>16</sup>	Source Control Measures <sup>17</sup>	Site Design Measures 18	Treatment Systems Approved <sup>19</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>20</sup>	Hydraulic Sizing Criteria <sup>21</sup>	Alternative Compliance Measures <sup>22/</sup>	Alternative Certification	HM Controls <sup>25/26</sup>
			refuse area which drains to sanitary sewer, design for discharge of fire sprinkler test water to landscape, miscellaneous drain or wash water to landscape areas	impervious surfaces, maximize permeability by clustering development and preserving open space, construct sidewalks, driveways, include self-treating areas and self-retaining areas.		requires the owner to perform routine maintenance	volume, criteria 3			part of the exempt area

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

Project Name Project No.	Approval Date <sup>27</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>28</sup>	Site Design Measures <sup>29</sup>	Treatment Systems Approved <sup>30</sup>	Operation & Maintenance Responsibility Mechanism <sup>31</sup>	Hydraulic Sizing Criteria <sup>32</sup>	Alternative Compliance Measures <sup>33/34</sup>	Alternative Certification <sup>35</sup>	HM Controls <sup>36</sup> / <sub>37</sub>
Public Proj	ects									
Californi a Tank and Pump Station	5/8/2017	March, 2018	Label storm drain inlets, appropriate plant selection	Direct runoff (roof, sidewalk, driveways) to vegetated areas, preserving open space, include self- treating areas, plant interceptor trees	Bioretention areas meeting biotreatment requirements of C.3.c	City-owned property. Treatment systems will be maintained by the City.	4% method	None	No, project reviewed in- house	N/A, this project does not have over 1 acre of impervious surfaces

#### Comments:

The projects 720 Bay Rd and 2215 El Camino Real were not originally thought to be C.3 regulated projects when they received the planning approvals for the project. During the building plan review process it was determined these projects did cross the thresholds for a C.3 regulated projects, and were required to comply at that time prior to receiving building permits.

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<sup>&</sup>lt;sup>27</sup>For public projects, enter the plans and specifications approval date.

<sup>&</sup>lt;sup>28</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>&</sup>lt;sup>29</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>30</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>&</sup>lt;sup>31</sup>List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>32</sup>See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>&</sup>lt;sup>33</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>34</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>&</sup>lt;sup>35</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>&</sup>lt;sup>36</sup>If HM control is not required, state why not.

<sup>&</sup>lt;sup>37</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

# C.3.h.v.(2) ► Table of Newly Installed38 Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible <sup>39</sup> For Maintenance	Type of Treatment/HM Control(s)
Delucchi's Market	3636 Florence Street Redwood City, CA 94063	Delucchi Marsh Manor Management, LLC	Bioretention area
Rossi Lane, Lot 3	28 Rossi Lane Redwood City, CA 94063	Homeowner	Bioretention area
Rossi Lane, Lot 4	21 Rossi Lane Redwood City, CA 94063	Homeowner	Bioretention area
Courtyard Marriot	600 Bair Island Road Redwood City, CA 94063	Redwood City Hotels, LLC	Bioretention areas
La Palma	1675 Kentfield Redwood City, CA 94063	La Palma Development, LLC	Bioretention areas, Permeable Pavers
Main & Marshall	601 Main Street Redwood City, CA 94063	LMI Redwood City Holdings, LLC	Media Filters
Westpoint Harbor	1529 Seaport Boulevard Redwood City, CA 94063	Westpoint Harbor, LLC	Bioretention area, vegetated swale

<sup>&</sup>lt;sup>38</sup> "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year. <sup>39</sup>State the responsible operator for installed stormwater treatment systems and HM controls.

### C.3.e.v. ► Special Projects Reporting Table

Reporting Period - July 1 2016 - June 30, 2017

Project Name & No.	Permittee	Address	Application Submittal Date <sup>40</sup>	Status <sup>41</sup>	Description 42	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category	LID Treatment Reduction Credit Available	List of LID Stormwater Treatment Systems <sup>45</sup>	List of Non- LID Stormwater Treatment Systems <sup>46</sup>
851 Main Street	Redwoo d City	851 Main St; Main & Walnut; Redwoo d City, 94063	12/4/2014	Under Review; Final discretio nary approv al not issued yet; Reportin g based on plans dated 6/19/20 15	4-story office building containing 87,380 sf of office space over 2 levels of undergroun d parking. (4 stories total)	0.64 Acres	N/A - Project is 100% office	3.1 :1	Category B: 100% Site Coverage ; Creates and/or replaces between 0.5 and 2.0 acres of imperviou s surface; Includes no surface parking; Density of > 3:1 FAR;	Category B: 75% 75% Allowable Credit	25% comprised of 100% Flow- Through Planter	75% comprised of 100% media filter by Kristar; meets specificati ons of the Western Washingto n Technical Assessment Protocol - Ecology (TAPE) program

<sup>&</sup>lt;sup>40</sup>Date that a planning application for the Special Project was submitted.

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<sup>&</sup>lt;sup>41</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>42</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>&</sup>lt;sup>43</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a. <sup>44</sup>For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>&</sup>lt;sup>45</sup>: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>&</sup>lt;sup>46</sup>List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

1409 EI Camino Real (Greystar IV)	Redwoo d City	1409 El Camino Real; El Camino & Diller; Redwoo d City, 94063	1/7/2016	Approved; Final discreti onary approval issued 4/3/2017; Reporting based on plans dated 11/22/2016	8-story mixed-use building containing 350 residential apartments and 5,900 square feet of retail space over 2.5 levels of undergroun d parking (8 stories total)	1.64 Acres	213 du/ac	N/A	Located in the Downtow n Precise Plan area;  Category  B: Located in the Downtow n Precise Plan area;  Creates and/or replaces between 0.5 and 2.0 acres of imperviou s surface;  Includes no surface parking; 100% Site Coverage ;  Density of > 100 du/ac	Category B: 100% 100% Allowable Credit	N/A	100% media filter by Kristar; meets specificati ons of the Western Washingto n Technical Assessment Protocol - Ecology (TAPE) program
801 Brewster	Redwoo d City	801 Brewster Avenue;	5/12/2016	Approv ed; Final discreti onary approv	4- to 6-story residential building containing 250 units over two	1.66 Acres	151 du/ac	N/A	Category C: Within 1/4 Mile of Transit Hub;	Category C: 100% Location: 50% Density: 30%	N/A	100% media filter by Kristar; meets specificati ons of the

		Brewster betwee n Arguello and Warren; Redwoo d City, 94063		al issued 2/7/201 7; Reportin g based on plans dated 12/8/20 16	levels of undergroun d parking (6 stories total)				Density of > 100 du/ac; Includes no surface parking	Parking: 20%		Western Washingto n Technical Assessment Protocol – Ecology (TAPE) program
601 EI Camino	Redwoo d City	601 El Camino Real; El Camino & Hopkins; Redwoo d City, 94063	9/29/2016	Under Review; Final discreti onary approv al not issued yet; Reportin g based on plans dated 6/30/20	Four 3-story townhome-style residential condominiu m buildings containing 33 units. Units include 2 parking spaces each, within the attached garage.	1.09 Acres	30 du/ac	N/A	Category C: Located within ½ mile of a transit hub;  Residentia I Density of 30 DU/ac or higher;  Less than 10% at- grade surface parking;	Category C: 45% 45% Allowable Credit	65% comprised of 100% Bioretentio n Area	35% comprised of 100% media filter by Kristar; meets specificati ons of the Western Washingto n Technical Assessment Protocol – Ecology (TAPE) program
353 Main	Redwoo d City	353 Main Street; Redwoo d City, 94063	10/21/2016	Under Review; Final discreti onary approv al not issued yet;	7-story building containing 125 residential apartments within 5 stories, over 2 stories of	1.82 Acres	74 DU/ac	N/A	Category C: Located within ½ mile of a transit hub:  Residentia I Density of 60	Category C: 65% 65% Allowable Credit	65% comprised of 100% Bioretentio n Area	35% comprised of 100% media filter by Kristar; meets specificati ons of the Western Washingto

# C.3 - New Development and Redevelopment

				Reportin g based on plans dated 4/3/201 7	parking (7 stories total)				DU/ac or higher; No surface parking;			n Technical Assessment Protocol – Ecology (TAPE) program
707 Bradford	Redwoo d City	707 Bradford Street; Redwoo d City, 94063	7/16/2016	Under Review; Final discreti onary approv al not issued yet; Reportin g based on plans dated 6/15/20 17	7-story building containing 117 residential units and 3,760 square feet of day care facility, over 2 stories of parking (7 stories total)	1.36 Acres	86 DU/ac	N/A	Category C: Located within ½ mile of a transit hub;  Residentia I Density of 60 DU/ac or higher;  No surface parking;	Category C: 65% 65% Allowable Credit	65% comprised of Flow Through Planters, Dry Well, Intercepto r Tree Credits	35% comprised of 100% media filter by Kristar; meets specificati ons of the Western Washingto n Technical Assessment Protocol - Ecology (TAPE) program

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**Special Projects Narrative** 

See attached Special Projects Narrative.

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

Project Name and	·			Description of GI Measures
Location <sup>47</sup>			Included?49	Considered and/or Proposed
				or Why GI is Impracticable to Implement <sup>50</sup>
Magical Bridge Playground Project (Formerly the Red Morton Picnic/Play Area Renovation Project) – 1400 Roosevelt Ave	Red Morton Park's largest playground (off of Valota Road and near the Armory) will be replaced, along with renovation of the picnic area. This project is also an opportunity to assess park circulation, accessibility, and pedestrian and bicycle improvements.	35% Design Drawings for budget determination	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.
Roselli Garden - Downtown Library Park – 1668 Middlefield Road	The project proposes to renovate the existing park or swap location with the adjacent parking lot that serves the library and downtown.	On Hold for completion of Downtown Park Feasibility Plan being done Fall 2017	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.
Garrett Park Rehabilitation – 3654 Glenwood Ave	This neighborhood park is scheduled for a playground renovation.	Preparing RFP of consulting services Fall 2017	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.
Veterans Memorial Senior Center - YMCA Project – 1400 Roosevelt Ave	The VMSC-YMCA is a joint development project for an intergenerational recreational center in Red Morton Park. The project includes hiring a Master Architect, extensive community outreach, and developing both an MOU for	Starting CEQA documentation and hiring Consultants for design services	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.

<sup>&</sup>lt;sup>47</sup> List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

<sup>48</sup> Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

<sup>49</sup> Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

<sup>&</sup>lt;sup>50</sup> Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

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	future land use and an operational agreement.			
Community Garden – Maple & Lathrop	This project proposes to build raised beds and a fruit allee to form a community garden on a vacant city-owned parcel.	On hold due to Land Title issues	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.
Redwood Shores Library Art Play Structure and Playground – 399 Marine Pkwy	This project will install a public art piece with a public accessible playground.	Preparing RFP of consulting services Fall 2017	TBD	Bioretention cells and self-retaining areas will be considered for new and replaced impervious surfaces.

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

Intrastructure Projects			
Project Name and Location <sup>51</sup>	Project Description	Planning or Implementation S	Green Infrastructure Measures Included
Middlefield Road Utility Underground Project – Middlefield Road between Woodside Road and Main Street	The Middlefield Road project includes construction of a joint utility trench (JUT) to accommodate new and relocated underground electrical and telecommunication lines, as well as streetscape improvements between Main Street and Woodside Road.	60% Design Submitta	
Kennedy Safe Routes to School Project	The Kennedy Safe Routes to School (SRTS) project will construct high-priority, recommended improvements from a walking and bicycling audit	35% Design Submitta	Bio-retention areas to treat street runoff

<sup>&</sup>lt;sup>51</sup> List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

#### Section 4 - Provision C.4 Industrial and Commercial Site Controls

#### **Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

City staff participated in SMCWPPP's CII Subcommittee; attended trainings; updated the Enforcement Response Plan; updated the Business Inspection Plan, facilities lists, and business inspection frequencies and priorities; and conducted follow-up inspections for County-inspected businesses.

Please refer to the C.4 Industrial and Commercial Site Controls section of the SMCWPPP FY 16-17 Annual Report for a description of Program activities.

City staff also participated in the February 15, 2017 meeting to discuss the response to the Regional Water Board's January 30, 2017 C.4 and C.5 Compliance Letter, reviewed and approved the April 28, 2017 response letter to Regional Water Board, participated in the April 25, 2017 working meeting to update revised BIP/ERP SMCWPPP Templates, identified and prioritized businesses for inspection by the City (those not inspected by County Environmental Health (CEH)), and updated both the BIP and the ERP by June 30th. The City intends to take over inspecting businesses that the County currently inspects as of January 2018. To that end, a business inspection fee for stormwater was included in the City's rate study, and the proposed fee was approved by Council. The City received an individual May 2017 NOV letter from the Regional Water Board, evaluated the City's commercial and industrial facilities, updated the BIP and ERP, trained staff on the updated documents, began integrating the updated business inspection list into Public Works' new electronic work order management system, and responded to the Regional Water Board with the updated documents July 31, 2017. On September 11, 2017, the City Manager of the City of Redwood City was notified by the Regional Water Board that the City's response was adequate.

#### C.4.b.iii. ▶ Potential Facilities List

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

See attached list.

C.4.d.iii.	<b>(2)</b>	(a)	& (	(C)	<b>)</b> ▶	Facility	y Ins	pect	ions
Fill out the	fol		ina	tak	ر ماد	or attach	าลเม	mmai	ry of the

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

X Permittee reports multiple discrete potential and actual discharges as one enforcement action.

Permittee reports the total number of discrete potential and actual discharges on each site.

	Number	Percent
Total number of inspections conducted (C.4.d.iii.(2)(a))	479	
Number of enforcement actions or discreet number of potential and actual discharges	76	
Violations Enforcement actions or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	51	67%

#### Comments:

County Environmental Health (CEH) 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, 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 follow-up visit is conducted. Businesses are referred to the City if the violations are not resolved after the County's follow-up inspections. 51 violations were resolved within 10 days of inspection, 5 were resolved within 10 business days (one was given 15 days to resolve the violation, and one business shared a facility and was not open during the inspection but resolved the violation within 12 days), and 11 were referred to the City for inspection. The County worked with 13 businesses to establish compliance through follow-up inspections, with violations resolved and compliance dates coming 15 or more days after inspection. Of the eleven businesses were referred to the City, the violations had been resolved upon inspection or were resolved with 10 days of inspection.

FY 16-17 AR Form 4-2 9/30/17

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

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

	Enforcement Action (as listed in ERP) <sup>52</sup>	Number of Enforcement Actions Taken
Level 1	Verbal Warning	46
Level 2	Written Warning	29
Level 3	Notice of Violation	1
Level 4	Administrative Order	0
Total		76

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

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

Business Category <sup>53</sup>	Number of Actual Discharges	Number of Potential Discharges
Haz Mat	4	29
Food	1	52

The number of actual and potential discharges is greater than the total number of enforcement actions taken because multiple discreet potential and actual discharges at a site inspection are reported as one enforcement action.

#### C.4.d.iii.(2)(e) ► Non-Filers

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

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

FY 16-17 AR Form 4-3 9/30/17

<sup>&</sup>lt;sup>52</sup>Agencies to list specific enforcement actions as defined in their ERPs.

<sup>&</sup>lt;sup>53</sup>List your Program's standard business categories.

C.4.e.iii. ▶ Staff	Training Sum	nmary				
Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Commercial and Industrial Inspections and Illicit Discharge (Complaint) Investigations	1/12/2017	<ol> <li>Introduction from the Office of Sustainability</li> <li>Municipal Regional Permit (MRP) Changes</li> <li>Regional Board NOV</li> <li>Business Inspection Plan Training Requirements</li> <li>Enforcement Response Plan Training Requirements</li> <li>Changes to the Inspection Report</li> <li>Inspector Questions</li> </ol>	29	94%	29	94%
Reissued MRP: What do CEH Inspectors need to know	1/12/2017	See above	29	94%	29	94%
Certified Stormwater Inspector Training	3/13 and 3/14/2017	National Stormwater Center Training Course on stormwater permit compliance and inspection of industrial activities, commercial facilities, construction projects, and municipal operations	2	6%	2	6%
One-on-one Stormwater Training	3/1/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3%	1	3%
One-on-one Stormwater Training	5/9/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3%	1	3%
One-on-one Stormwater Training	5/31/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3%	1	3%

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

#### **Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

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 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 issues reported directly to Public Works staff are entered into the myRWC database to help track and respond to complaints.

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

The City updated the Enforcement Response Plan and trained staff on the updated documents and guidance for taking consistent actions to achieve compliance.

Please refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 16-17 Annual Report for description of activities at the countywide or regional level.

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

Summary of any changes made during FY 16-17:

No Change.

## C.5.d.iii.(1)-(3) ► Spill and Discharge Complaint Tracking

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

	Number	Percentage
Discharges reported (C.5.d.iii.(1))	5	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	1	20%
Discharges resolved in a timely manner (C.5.d.iii.(3))	1	0%

#### Comments:

Of the 5 discharges reported, one reached creek waters, one was fully recovered from a catch basin, and no illicit discharge was found in three instances. The creek discharge was reported by SMCWPPP and consultant field crew conducting creek status monitoring. The crew found and reported excessive chlorine when sampling and upon resampling creek waters. The crew also notified the City, and City staff investigated, sampled water upstream in 5 locations, found elevated levels of chlorine outside the City's jurisdiction, and notified the upstream municipality of the elevated chlorine levels. The second discharge resulted in a gallon of sewage being fully contained and recovered from a catch basin. Two additional reports were logged on myRWC, but after investigation, no evidence of illicit discharge was found in either of those two instances. A fifth potential discharge was reported by City staff concerned about overflow from restaurant grease bins, but no discharge reached the storm drains or receiving waters. The business was notified and responded by cleaning and increasing the maintenance frequency of the grease bin.

## C.5.e.iii.(1) ► Control of Mobile Sources

Provide your agency's minimum standards and BMPs for various types of mobile businesses (C.5.e.iii.(1)(a))

The City of Redwood City follows the minimum standards and BMPs described in the "Mobile Businesses - Best Management Practices" brochure developed by the SMCWPPP CII Subcommittee in in March 2015 for the following mobile business categories: automobile washers/detailers, power washers, carpet cleaners, steam cleaners, pet care services. The BMP brochure is included in the Program Annual Report.

Provide your agency's enforcement strategy for mobile businesses (C.5.e.iii.(1)(b))

Stormwater inspectors find mobile businesses improperly discharging wash water to the street, gutter, storm drain, etc. through complaint investigations or during routine field work. Inspectors issue enforcement actions and track the facility through the City's Illicit Discharge spill and discharge complaint tracking system according to MRP C.5.d.

Enforcement actions stormwater inspectors may take are detailed in our Enforcement Response Plan (ERP). Due to the unique nature of mobile businesses it can be difficult to track enforcement of a single business across jurisdictions. The current strategy is for agencies to share information on mobile business enforcement actions with the SMCWPPP CII Subcommittee facilitator. The Subcommittee facilitator periodically updates the Mobile Business Enforcement Information table that resides on the members' only section of the Program's website (flowstobay.org).

Provide a list and summary of the specific outreach events and education conducted by your agency to the different types of mobile businesses operating within your jurisdiction (C.5.e.iii.(1)(c))

The Program developed a regional inventory of mobile businesses in the standard BMP categories listed in the "Mobile Businesses – Best Management Practices" brochure. The BMP brochure and a transmittal letter were mailed to the business. The Mobile Cleaner Businesses BMP brochure is posted on the SMCWPPP website. The CII Subcommittee also worked with the PIP Subcommittee to send outreach messages through social media. These activities are discussed in the SMCWPPP FY16-17 Annual Report.

## C.5 - Illicit Discharge Detection and Elimination

Provide number of inspections conducted at mobile businesses and/or job sites in 2016-2017 (C.5.e.iii.(1)(d):	0

Discuss enforcement actions taken against mobile businesses in 2016-2017 (C.5.e.iii.(1)(e))

Enforcement actions are typically taken in response to a complaint or illicit discharge through our IDDE Program. Enforcement actions are tracked in the city's spill and discharge complaint tracking system required by MRP C.5.d.ii. This FY there were zero enforcement actions taken for mobile businesses.

List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.ii.(1)(f))

In FY16-17 the CII Subcommittee requested the Program compile a regional inventory of mobile businesses located in San Mateo County. The inventory was developed from individual city lists and internet searches of google, yelp and yellow pages. The inventory includes automotive washing, steam cleaning, power washing, pet grooming and carpet cleaning mobile businesses. The inventory will be periodically updated with mobile businesses stormwater inspectors observe during routine field activities. The inventory is available to all Co-permittees on the members' only webpage of the SMCWPPP website. The inventory is included in the SMCWPPP FY16-17 Annual Report.

Provide a list and summary of the county-wide or regional activities conducted, including sharing of mobile business inventories, BMP requirements, enforcement action information, and education (C.5.e.iii.(1)(g))

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 16-17 Annual Report for description of activities at the countywide or regional level.

FY 2016-2017 Annual Report

Permittee Name: City of Redwood City

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a)-(d) ► Sit	e/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.(3)(a))	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii(3)(c))	Number of sites disturbing a of soil (C.6.e.iii.(3)(b))	≥1 acre	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more)  (C.6.e.iii.(3)(d))
0	5	10		94

#### Comments:

Of the 15 sites, 10 lasted the entire wet season from October through April. The remaining 5 sites ended or became active during the rainy season (between October and April). Due to have the sites either starting or ending during the rainy season, there were less than 7 inspections per site (15  $\times$  7 = 105).

There were five high priority sites, generally in the active downtown area.

C.6.e.iii.(3)(e) ► Actions	Construction Related Storm Water Enforcement	
	Enforcement Action	Number Enforcement Actions Issued
	(as listed in ERP) <sup>54</sup>	
Level 1 <sup>55</sup>	Verbal/Written Notice	10
Level 2	Notice of Violation	2
Level 3	Administrative Order	0
Level 4	Administrative Penalty/Legal Action	0
Total		12

<sup>&</sup>lt;sup>54</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>&</sup>lt;sup>55</sup>For example, Enforcement Level 1 may be Verbal Warning.

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

ndicate	e your reporting methodology below.	
	Permittee reports multiple discrete potential and actual discharges as one enforcement action.	
Х	Permittee reports the total number of discrete potential and actual discharges on each site.	
•		Number
	ment actions or discrete potential and actual discharges fully corrected within 10 business days after as are discovered or otherwise considered corrected in a timely period (C.6.e.iii.(3)(g)).	12
otal nur	mber of enforcement actions or discrete potential and actual discharges for the reporting year	12

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

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

#### Description:

This reporting period, due to the large amount of wet weather and increased construction activity in our City, all large downtown construction projects were considered high priority even though soil disturbance may have been less than one acre. The data collection efforts were successful due to increased check-ins with enforcement staff.

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

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

#### Description:

Within Redwood City, it is common to see a half or three-quarter acre land disturbance for a large four to eight story building, and staff felt the need to better track, inspect and report on these construction sites due to their scale and proximity to storm drain inlets due to zero foot building setbacks. Because reported stormwater inspections are tracked for compliance with the MRP, this year's determination that downtown projects are high priority resulted in better compliance from these properties.

C.6.f.iii. ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
Stormwater Inspections Workshop: Construction Sites and C.3 Stormwater Controls	2/1/17	MRP C.6: FY 2016/17 Implementation, Inspecting Construction Sites, Post-Construction Stormwater Treatment Control Inspections MRP C.3.h: FY 2016/17 Implementation, and O&N Inspection Experience	
CalBIG	9/21/16	Review of stormwater requirements for construction sites; documenting and tracking inspections; who take enforcement actions and when to escalate enforcement; tips for keeping your stormwater program in compliance; and mandatory / updates SMCWPPP guidelines / resources.	en to

#### Section 7 - Provision C.7. Public Information and Outreach

## C.7.b.i.(1) ► Outreach Campaign

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

Summary:

See Section 7 and Section 9 of the SMCWPPP FY 16-17 Annual Report for a description of activities conducted at Countywide level.

The City conducted outreach on the Rain Barrel Rebate Program and the high school Green Infrastructure contest by promoting the programs on social media (the City's eNews, Medium blog, twitter account, and Next Door) and providing flyers at City facilities and events such as the annual Spring and Fall Cleanups, and summer festivals and events (4th of July, Salsa Fest, Kidchella, Music in the Park, et al). We also used "Cartvertizing" – displaying outdoor efficient landscape messaging on grocery carts.

## C.7.c. ► Stormwater Pollution Prevention Education

No Change

## C.7.d. ▶ Public Outreach and Citizen Involvement Events

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

See the C.7 Public Outreach and Citizen Involvement Events section of SMCWPPP FY 16-17 Annual Report for a summary of activities.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as:  Success at reaching a broad spectrum of the community  Number of participants compared to previous years.  Post-event effectiveness assessment/evaluation results  Quantity/volume of materials cleaned up, and comparisons to previous efforts
Seaport Centre Earth Day Event 4/20/17 Local business park - employees	The City was invited to table at the business park's Earth Day event by the property management company. Seaport Centre promoted the event through fliers, posters and social media.  At the business park Earth Day events, we promote the volunteer clean-up events and pass out general stormwater pollution prevention information.	The corporate Earth Day events are typically well-attended, but there are many other vendor tables competing for attention. Popular giveaways like shower buckets and timers tend to draw more people in.
Paragon Point Earth Day Event 4/19/17 Local business park – employees	The City was invited to table at the business park's Earth Day event by the property management company. Paragon Point promoted the event through fliers, posters and social media.  At the business park Earth Day events, we promote the volunteer clean-up events and	The corporate Earth Day events are typically well-attended, but there are many other vendor tables competing for attention. Popular giveaways like shower buckets and timers tend to draw more people in.

	pass out general stormwater pollution prevention information.	
"Touch a Truck" event 4/1/17 County Parking lot, promoted throughout county. Audience – Families The City and the host of the event – a County-operated day care center, both promoted event through fliers, posters and social media, The event's intended audience is families with small children.	Children are introduced to the storm drain system and maintenance through a hands-on presentation featuring the City's Vactor Truck.	The Vactor Truck is a big draw for the age group and an effective way to teach children and parents about keeping storm drains clean.
4 <sup>th</sup> of July Festival Annual festival – brings thousands to RWC	At the downtown summer and fall events, we promote upcoming programs such as any "Touch a Truck" events or BAWSCA landscape classes, and the fall programs such as the Coastal Clean Up or the high school Green Infrastructure contest. We pass out general stormwater pollution prevention information and giveaways such as pet waste bags.	The summer and fall events bring in big crowds, but there are a lot of non-residents in attendance, so staff has to be careful when passing out the free giveaways that tend to attract people to the booths. Looking for people walking dogs to pass out pet waste bags has proven to be a successful tactic for drawing people into the booth.
Salsa Festival 9/24/16 Annual festival – brings thousands to RWC	At the downtown summer and fall events, we promote upcoming programs such as any "Touch a Truck" events or BAWSCA landscape classes, and the fall programs such as the Coastal Clean Up or the high school Green Infrastructure contest. We pass out general stormwater pollution prevention information and giveaways such as pet waste bags.	The summer and fall events bring in big crowds, but there are a lot of non-residents in attendance, so staff has to be careful when passing out the free giveaways that tend to attract people to the booths. Looking for people walking dogs to pass out pet waste bags has proven to be a successful tactic for drawing people into the booth.
Going Native Tour 4/23/17 City owned demonstration garden – audience: home gardeners	At garden tours and landscape classes, we focus on upcoming BAWSCA landscaping classes, Bay Friendly Gardening, sprinkler giveaways, mulch/compost giveaways, rain barrel rebates, and general stormwater pollution prevention information.	The garden tour is good for a specific audience, but short for outreach. Giveaways aren't appropriate for this event, but participants may be interested in upcoming landscape classes, or in taking information about rainbarrel rebates, sprinkler heads, etc.
Music in the Park 8/17/16 City park – Audience: General	As with the downtown summer events, we promote upcoming programs such as any "Touch a Truck" events or BAWSCA	Music in the Park tends to have more City residents, but fewer opportunities to connect with them than the fairs and festivals. The

	landscape classes, and the fall programs such as the Coastal Clean Up or the high school Green Infrastructure contest at Music in the Park events. We pass out general stormwater pollution prevention information and giveaways such as pet waste bags.	events are smaller and the crowds typically are sitting or dancing rather than strolling along and where stopping by tables and booths for other than refreshments.
Kidchella 7/17/16 City Center – Audience: General/Families	At the downtown summer events, we promote upcoming programs such as any "Touch a Truck" events or BAWSCA landscape classes, and the fall programs such as the Coastal Clean Up or the high school Green Infrastructure contest. We pass out general stormwater pollution prevention information and giveaways such as pet waste bags.	Kidchella has good turn-outs of residents (families with kids), but music events are not as successful as tabling events. Kids activities can draw people to the booths, along with free giveaways,
Oracle Earth Day Event 4/19/17 Large Corporation in RWC – Audience: general	The City was invited to table at Oracle's Earth Day event. Oracle promoted the event to employees through fliers, posters and social media.  At the business park Earth Day events, we promote the volunteer clean-up events and pass out general stormwater pollution prevention information.	The corporate Earth Day events are typically well-attended, but there are many other vendor tables competing for attention. Popular giveaways like shower buckets and timers tend to draw more people in.
150 <sup>th</sup> RWC Celebration 5/20/17 Downtown RWC Celebration - General	At the downtown summer events, we promote upcoming programs such as any "Touch a Truck" events or BAWSCA landscape classes, and the fall programs such as the Coastal Clean Up or the high school Green Infrastructure contest. We pass out general stormwater pollution prevention information and giveaways such as pet waste bags.	Downtown events bring in big crowds, but there are a lot of non-residents in attendance, so staff has to be careful when passing out the free giveaways that tend to attract people to the booths. Looking for people walking dogs to pass out pet waste bags has proven to be a successful tactic for drawing people into the booth.

## C.7.e. ▶ Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

Efforts undertaken

Major accomplishments

Summary:

See the C.7 Watershed Stewardship Collaborative Efforts section of SMCWPPP FY 16-17 Annual Report for a summary of activities.

## C.7.f. ► School-Age Children Outreach

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

See the C.7 School-Age Children Outreach section of SMCWPPP FY 16-17 Annual Report for a summary of activities.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
"The H20 Show" by EarthCapades environmental vaudeville Grades: K-8	Elementary-aged students and their teachers learn about the water cycle, where our water comes from, and how we can take care of and conserve it.	Audience count 3,250	Questionnaire completed by instructors showed that 97.22% rate the educational value, promotion of conservations, and likelihood that students will retain the information as excellent, very good, or good.

Annual Redwood City Water Conservation Poster Contest Grades: K-5	Program provides a fun, artistic outlet for students to demonstrate their learnings and understanding about water conservation.  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.  To promote participation, the program offers gift certificates to the classroom, school, teacher, and students at certain milestones or for submission winners.  Submission winners are also presented an award by the Mayor at a City Council meeting.	1397 Students received contest materials or submitted posters. 40 classroom visits to 845 students	12 entries are selected to be used in a Water Conservation Calendar. In total, we distributed 2745 calendars, helping to promote water conservation.
"That's Tuolumne In My Tap" classroom presentation by Tuolumne River Trust	Presentation given to 4 <sup>th</sup> , 5 <sup>th</sup> , and 6 <sup>th</sup> grade-level students on the source of tap water, water conservation, and "good stewardship of natural resources".	6 schools, 6 presentations, 210 students reached.	The presentation effectively uses California State Science Standards content to reinforce learning about the water system, water conservation, and stewardship, as well as to prepare students for STAR testing.
Indoor Water Wise Kit	The Water Wise kits enable the students to perform a water audit in their homes and to install water-saving devices on select fixtures (e.g., showerheads and aerators). 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.	581 students, non- inclusive of the family members they engage at home	Promotion of Sponsor Programs Resource Action Programs included inserts supplied by BAWSCA in each Water Wise Kit. These inserts offered information to the customers describing opportunities about other resource and water efficiency programs that BAWSCA offers in conjunction with the City of Redwood City. The materials were used to publicize and boost enrollment in additional water efficiency programs. These promotions included:  • High Efficiency Toilets Rebate  • Lawn Be Gone! Program  • Rain Barrel Rebate Program

## Section 9 - Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance							
Is your municipality implementing its IPM Policy/Ordinance and	Ordinance and Standard Operating Procedures?						No
If no, explain:					<u> </u>		
Report implementation of IPM BMPs by showing trends in quant pesticides that threaten water quality, specifically organophosy separate report can be attached as evidence of your implementative ingredient used, not the total quantity of product used.	ohates, pyrethro	ids, carbamat	es fipronil, ind	oxacarl	o, diuro	n, and diam	ides. A
Trends in Quantities and Types of Pesticide Active Ingredients Us	sed <sup>56</sup>						
Pesticide Category and Specific Pesticide Active Ingredient			Amou	unt <sup>57</sup>			
Used	FY 15-16	FY 16-17	FY 17-18	FY 18	3-19	FY 19-20	FY 20-21
Organophosphates	None	None					
Active Ingredient Chlorpyrifos							
Active Ingredient Diazinon							
Active Ingredient Malathion							
Pyrethroids (see footnote #57 for list of active ingredients)	None	None					
Active Ingredient Type X							
Active Ingredient Type Y							
Carbamates	None	None					
Active Ingredient Carbaryl							
Active Ingredient Aldicarb							
Fipronil	None	None					

<sup>&</sup>lt;sup>56</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>&</sup>lt;sup>57</sup>Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Indoxacarb	Reporting not required in FY 15-16	None		
Diuron	Reporting not required in FY 15-16	None		
Diamides	Reporting not required in FY 15-16	None		
Active Ingredient Chlorantraniliprole				
Active Ingredient Cyantraniliprole				

IPM Tactics and Strategies used:

Removal of plants that require frequent pesticide applications,

Replacing invasive plants with natives,

Preventive actions such as sealing holes and gaps in structures, improving sanitation,

Use of baits and traps instead of broadcast pesticides,

Mulching of weed-prone areas.

Mechanical methods for weed removal, and

Switch to bio pesticides and organic herbicides for weed and insect control.

## C.9.b. ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	20
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	20
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%

Type of Training:

All Redwood City Parks staff who handle pesticides receive annual IPM training during the annual pesticide safety training (March 22, 2017 - 4 hour training)

## C.9 - Pesticides Toxicity Controls

10 Redwood City Staff members attended the SMCWPPP Landscape IPM Training (March 8, 2017)

7 Redwood City Parks Department staff members hold CA DPR QAC certs. One staff members holds a CA DPR PCA license. (Annual DPR approved continuing education training needed to maintain certs and License – much of it IPM-oriented.)

### C.9.c. ► Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	Х	Yes	No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	Х	Yes	No,

If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored.

In response to Water Board staff comments on Section C.9.c of the FY 16-17 AR dated June 30, 2017, the City of Redwood City's IPM Policy and contract specifications require that contractors follow IPM techniques, and use pesticides only as a last resort. This is routinely conveyed to the contractor via meetings, phone calls, and/or emails. Additionally, contractors are not allowed to use pesticides of concern. Contractors are required to obtain City of Redwood City staff's approval before applying pesticides, and submit documentation describing the IPM techniques that were implemented. If needed, City of Redwood City staff conducts field visits to confirm the use of IPM methods, such as monitoring for pests and using non-chemical methods.

## C.9.d. ▶ Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides?

#### If yes, summarize the communication. If no, explain.

See Section 9 of the SMCWPPP FY 16-17 Annual Report for summary of communication with the San Mateo County Agricultural Commissioner. Redwood City Parks Department regularly interacts with biologists from the San Mateo Co. Ag Department: Operators I.D and permits are obtained from County Ag and the biologist does an annual inspection of Redwood City Parks headquarters, including inspection of storage facilities, all records for pesticide applications and all staff pesticide safety training records.

The Parks staff members also attend CA DPR approved continuing education seminars where County Ag biologists usually present a segment on Laws and Regulations.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire?

Yes X 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.e.ii.(1) ▶ Public Outreach: Point of Purchase

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

Summary:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 16-17 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 16-17 Annual Report for a summary of our participation in and contributions toward countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

## C.9.e.ii.(3) ▶ Public Outreach: Pest Control Operators

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

#### Summary:

See the C.9 Pesticides Toxicity Control section of SMCWPPP FY 16-17 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use.

## C.9.f. ► Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

#### Summary:

During FY 16-17, we participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

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

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

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 70% mandatory trash load reduction deadline was attained. If not attained, attach and include reference to a Plan to comply with the deadline in a timely manner, which should include the Permittee's plan and schedule to install full capture systems/devices.

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	52.7%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) <sup>58</sup>	4.6%
Percent Trash Reduction due to <b>Jurisdictional-wide Source Control Actions</b> (as reported in C.10.b.iv) <sup>1</sup>	10.0%
SubTotal for Above Actions	67.3%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	10.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%
Total (Jurisdictional-wide) % Trash Load Reduction in FY 16-17	77.3%

### Discussion of Trash Load Reduction Calculation and Attainment of the 70% Mandatory Deadline:

The City attained and reported a 62% trash load reduction in its FY 15-16 Annual Report, exceeding the non-mandatory performance guideline of 60% by July 1, 2016. The City has attained a 77% trash load reduction (including trash offsets), exceeding the mandatory trash load reduction requirement of 70% by July 1, 2017. Descriptions of the actions taken to reduce trash in the City are summarized in this section of the annual report. Methods used to calculate the reduction are consistent with the methods described in the MRP.

 $<sup>^{58}</sup>$  See Appendix 10-1 for changes in trash levels by TMA between 2009 and FY 16-17.

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

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 16-17, during FY 16-17, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)*	
Installed Prior to FY 16-17			
Connector Pipe Screens (Public)	358	556.4	
Installed in FY 16-174			
Connector Pipe Screens (Public)	112	221.6	
Total for all Systems Installed To-date	470	778.0	
Treatment Acreage Required by Perm	93		
Total # of Systems Required by Permit (No	n-population-based Permittees)	NA	

<sup>\*</sup>Areas treated include 22.6 acres of non-jurisdictional lands (e.g. public K-12 schools and colleges, and freeways).

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 16-17 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 16-17 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 16-17	Summary of Maintenance Issues and Corrective Actions	
1	33.7%		Citywide, approximately	Maintenance of full-trash capture devices, including cleaning	
2	3.0%		62% of systems installed before FY 16-17 exhibited Plugged/Blinded Screens or >50% full at the time of maintenance	and inspection, occurs at least once prior to the wet season, after each major storm event, and as necessary. City staff	
3	12.8%			performs cleanings with a Vactor truck, and a daily report is	
4	1.2%	maintenance capture devices the City installed at the not inspected or cleaned during FY 16 the Public Works electronic work order scheduled inspections and cleaning in		maintenance c	completed summarizing cleaning activities. The 112 full-trash capture devices the City installed at the end of FY 16-17 were
5	0.5%				not inspected or cleaned during FY 16-17, but were added to the Public Works electronic work order management system for
6	0.6%			scheduled inspections and cleaning in FY 17-18. For FY 16-17,	
Total*	52.7%	5		the City did not have any performance issues or failures associated with any of the devices installed prior to FY 16-17. Devices in many areas (TMAs 1, 3, and 4) needed higher rates of maintenance than once prior to the wet season and after each major storm event, primarily due to leaf litter accumulation and heavier than normal rains, requiring staff to increase maintenance frequencies to 2-3 or more times/year for these devices.	

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

<sup>\*</sup>The Total jurisdiction-wide reduction reported for full capture systems includes 0.9% reduction for treatment of 22.6 acres of non-jurisdictional public K-12, college and university school land areas.

## C.10.b.ii ► Trash Reduction - Other Trash Management Actions (PART A)

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
	The City contracts with RCIA for on-land cleanups within the downtown area. Its staff is tasked with removing litter for several 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. RCIA is responsible for the maintenance and cleaning of said bins.
	The City sweeps the downtown area four times per week, between the hours of 4:00am to 6:00am. All other areas, including residential, have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules.
	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.
	<ul> <li>2.9 mil stretch of Woodside Road (CA Highway 84) between Broadway and Alameda de las Pulgas, once per month</li> </ul>
1	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.
	The City has increased homeless encampment cleanups in FY 16-17, conducting 3 additional cleanups in TMA 1 at the 200 block of Cedar Street on 12/06/16, near 27 Charter Street on 1/19/17, and by the Maple Street overpass near Evernote on 5/6/17. These cleanups removed 378 cubic feet, 470 cubic feet, and 360 cubic feet of unbagged trash, respectively, as well as some bagged trash at the first two cleanups.

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All streets within TMA #2 have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules. 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.
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 Spinas Park.
Street sweeping occurs once per week on El Camino Real and Woodside Road. All other streets within TMA #3 have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules. 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.
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.
Two annual on-land cleanups by the Pride and Beautification Committee also occur 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.
With the increased homeless encampment cleanups in FY 16-17, the City conducted an additional cleanup in TMA 3 at the Hazel Street on-ramp at Woodside Rd. This cleanup removed 180 cubic feet of unbagged trash from the area.
El Camino Real is swept once per week, and all other streets within TMA #4 have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules. 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.
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.
With the increased homeless encampment cleanups in FY 16-17, the City conducted an additional cleanup in TMA 4 at the Cordilleras Creek Bridge. This cleanup removed 90 cubic feet of unbagged trash from the area, as well as several 32-gallon bags of trash.
All streets within TMA #5 have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules. 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.

	Two annual on-land cleanups by the Pride and Beautification Committee also occur with the boundaries of TMA #5. The area included in the cleanup is Bayfront Canal, between Douglas Court and the City limits.  With the increased homeless encampment cleanups in FY 16-17, the City conducted 2 additional cleanups in TMA 5 at the 1300/1400 block of Maple on November 3, 4, and 5, 2016 and on Bair Island Road near the Marriott Hotel on May 2, 2017. These cleanups removed 1,890 and 180 cubic feet of unbagged trash from the respective areas, as well as eleven 32-gallon bags of trash from the cleanup at the 1300/1400 block of Maple.
	All streets within TMA #6 have been swept once per month prior to and continuing after the MRP effective date. In early 2016, the City moved to twice per month street sweeping schedules. 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.
6	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 thorough fares weekly: Redwood Shores Parkway, Radio Road, Marine Parkway median, Shearwater Parkway median, Shell Parkway median, Bridge Parkway (which includes Redwood Shores library grounds).
	In collaboration with the Redwood Shores Community Association, the City also supports the annual Redwood Shores Levee Cleanup event where volunteers remove litter illegally dumped from the waterfront and levee.

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## C.10.b.ii ► Trash Reduction - Other Trash Management Actions (PART B)

#### Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 16-17 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID	Total Street Miles <sup>59</sup>	sessments <sup>60</sup>				
or (as applicable) Control Measure Area	Available for Assessment	Street Miles Assessed	% of Applicable Street Miles Assessed	Average # of Assessments Conducted at Each Site <sup>61</sup>	Jurisdictional-wide Reduction (%)	
1	7.57	0.00	0.00%	0.0	0%	
2	1.17	0.00	0.00%	0.0	0%	
3	6.27	0.00	0.00%	0.0	0%	
4	1.28	0.21	16.80%	5.0	0.6%	
5	3.34	0.49	14.77%	3.0	2.5%	
6	2.90	0.90	31.05%	5.0	1.4%	
	Total	1.61	-	-	4.6%	

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<sup>&</sup>lt;sup>59</sup> Linear feet are defined as the street length and do not include street median curbs.

<sup>&</sup>lt;sup>60</sup> Assessments conducted between July 2015 and July 2017 are assumed to be representative of trash levels in FY 16-17 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

<sup>&</sup>lt;sup>61</sup> Each assessment site is roughly 1,000 feet in length.

Permittee Name: City of Redwood City

## C.10.b.iv ► Trash Reduction - Source Controls

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single Use Bag Ordinance	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.  Enforcement of the bag ordinance is being conducted by San Mateo County and will be complaint-based. 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:  • Wednesday, February 13, 2013. 2pm • Tuesday, February 19, 2013. 7pm	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. The City developed its % trash reduced estimate using the following assumptions:  1) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA;  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  3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County 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 affected by the single-use plastic bag ordinance.	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.	7%	10.0% (Maximum)

#### C.10.b.iv ► Trash Reduction - Source Controls

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

Expanded Polystyrene Food Service Ware Ordinance On May 7, 2012, Redwood City adopted an ordinance which prohibits Styrofoam. 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.

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. 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.

The City developed its % trash reduced estimate using the following assumptions:

- 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 City of Palo Alto and City of Los Altos.

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 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.

5%

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## C.10.c ► Trash Hot Spot Cleanups

Provide the FY 16-17 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 16-17.

Track Hat Spot	New Site in FY 16-17	FY 16-17 Cleanup		Volume o	f Trash Removed	(cubic yards)					
Trash Hot Spot	(Y/N)	Date(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17 14.4*				
RCY01	N	9/17/2016	0.5	3.0	2.2	1.0	14.4*				
RCY02	N	9/17/2016 2.4 2.5		1.8	9.1	8.1					
RCY03	N	9/17/2016	0.8	5.2	3.9	2.5	4.4				

<sup>\*</sup> In FY 16-17, this site was impacted by homeless encampments.

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

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

Description of Significant Revision	Associated TMA
In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alternation of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. The City's revised baseline trash generation map was included as Appendix 10-2 of the FY 15-16 Annual Report.	All applicable
In 2016, the City moved to twice a month street sweeping schedules.	All
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. The City has discontinued use of the Madvac unit but increased service levels in the downtown area due to the assistance of the Redwood City Improvement District (RCIA), which began supporting additional cleaning crews from outside vendors. The City has also installed additional trash capture devices in TMA 1 in lieu of operating the Madvac.	1
The trash control implementation schedule of the Long-term Trash Load Reduction Plan indicates partial-capture treatment devices in TMA 1 and full- and partial-capture treatment devices in TMAs 3 and 4 to be installed in FY 15-16, as well as additional enhanced control measures for full-capture devices in TMA 1. Instead of partial-capture treatment devices in TMAs 1, 3, and 4 for FY 15-16, only full-capture devices were installed and the devices were installed in TMAs 1, 2, 3, 4, and 6. Installation was completed in FY 16-17.	1, 2, 3, 4, 6
The City increased homeless encampment cleanups in FY 16-17, conducting 3 additional cleanups in TMA 1 at the 200 block of Cedar Street on 12/06/16, near 27 Charter Street on 1/19/17, and by the Maple Street overpass near Evernote on 5/6/17; one additional cleanup in TMA 3 at the Hazel Street on-ramp to Woodside Rd. on 5/6/17; one additional cleanup in TMA 4 near the Cordilleras Creek Bridge on 11/10/16; and 2 additional cleanups in TMA 5 at the 1300/1400 block of Maple on November 3, 4 and 4, 2016 and at Bair Island Rd. near the Marriott Hotel on 5/2/17.	1, 3, 4, 5

Permittee Name: City of Redwood City

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 16-17. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 16-17	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	In addition to the MRP-required trash hot spot cleanup (for FY 16-17, the conducted the annual Coastal Cleanup on 9/17/2016, several creek and shoreline clean-ups, including "Romancing the Creek" (2/25/2016) and a citywide clean-up event on Earth Day (5/13/2017) at the Bayfront Canal, Little River/Sequoia, and Redwood Creek:  • A homeless encampment cleanup was conducted on 10/27/2016 at Redwood Creek (RCY02) near Main and Veterans. Eighteen 32-gallon bags of trash were removed, as well as 900 cubic feet of unbagged trash.  • On 02/25/2017, the City supported the annual "Romancing the Creek" volunteer-lead cleanup at Redwood Creek (RCY02) near Veterans and Docktown. 108 cubic feet of unbagged trash was removed. Additionally, City work crews performed cleanups at Little River (RCY01) near James and California and Bayfront Canal (RCY03) near Douglas Court. These cleanups removed four 32-gallon and two 32-gallon bags of trash, respectively, from the two hot spot areas.  • The City-sponsored Annual Spring Cleanup was held on 5/13/2017. Volunteers removed 7 CCD bags and 300 cubic feet of unbagged trash from the Little River Creek area (RYC01), 10 CCD bags and 160 cubic feet of trash from the Redwood Creek area (RCY02), and 1 CCD bag and 90 cubic feet of unbagged trash from the Bayfront Canal	in FY 16-17	•
	<ul> <li>area (RCY03).</li> <li>A homeless encampment cleanup was conducted on 06/06/2017at Redwood Creek (RCY02) near Main and Veterans. Three CCD bags and three 32-gallon bags of trash were removed by City staff, as well as 270 cubic feet of unbagged trash.</li> </ul>		

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 16-17. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

deterr	mine the tra	ash reduction offset.						
Direct Discha Contro (Max 1	rge		NA			NA	NA	
Site In	formation	Trash Removal			Trash Infor	mation		
Site ID	Date	Bagged Trash		Unbagged Trash	Persistent Trash Items	n Trash P	athway/Source	

Site ID	Date	Ва	igged Tra	ish				Unbagged Trash	Persister Iten		Trash Pathway/Source			
		CCD Bag Volume (gals)	Total # of CCD bags (full)	Bag Size #1 Volume (gals)	Total # of Bag Size #1 (full)	Bag Size #2 Volume (gals)		Total Volume (cubic feet)	Single- use Carryout Plastic Bags	EPS Food Service Ware	1	2	3	4
RCY01	9/17/16			10	2	32	20	300	Yes	No	Trash accumula- tion	Litter	Illegal dumping	Homeless encamp- ments
RCY02	9/17/16			10	20	32	10	150	Yes	Yes	Trash accumula- tion	Litter	Illegal dumping	Homeless encamp- ments
RCY03	9/17/16	32	9	32	4			90	Yes	No	Trash accum	Litter	Illegal dun	nping
RCY01	2/25/17	32	4						No	No	Trash accumula- tion	Litter	Illegal dumping	Homeless encamp- ments
RCY02	10/27/16	32	9	32	9			900	Yes	Yes	Trash accum	Litter		
RCY02	2/25/17							108	Yes	Yes	Trash accumula- tion	Litter	Illegal dumping	Homeless encamp- ments
RCY03	2/25/17	32	2						Yes	Yes	Trash accum	Litter	Illegal dumping	Outfall
RCY01	5/13/17	32	7					300	Yes	Yes	Trash accum	Litter		

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 16-17. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

RCY02	5/13/17	32	10				160	Yes	No	Trash	Litter	Illegal dumping
										accum		
RCY03	5/13/17	32	1				90	Yes	No	Trash	Litter	
										accum		
RCY02	6/6/17	32	3	32	3		270	Yes	Yes	Trash	Litter	Homeless
										accum		encampments

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 16-17. 62

тма	200	2009 Baseline Trash Generation (Acres)  Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems					Jurisdiction -wide Reduction via <u>Full</u> <u>Capture</u> <u>Systems</u> (%)	Afte	Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems <u>and</u> Other Control Measures				Jurisdiction -wide Reduction via Other Control Measures (%)	Jurisdiction -wide Reduction via Full Capture AND Other Control Measures (%)				
	L	М	н	VH	Total	L	М	Н	VH	Total		L	М	н	VH	Total		
1	44	264	378	1	687	422	121	143	1	687	33.7%	422	121	143	1	687	0.0%	33.7%
2	54	54	22	0	131	97	29	5	0	131	3.0%	97	29	5	0	131	0.0%	3.0%
3	38	231	173	0	442	241	96	104	0	442	12.8%	241	96	104	0	442	0.0%	12.8%
4	63	42	16	0	120	80	32	8	0	120	1.2%	97	16	7	0	120	0.6%	1.9%
5	288	105	13	0	406	303	89	13	0	406	0.5%	360	40	5	0	406	2.5%	3.0%
6	7077	85	2	0	7164	7093	71	0	0	7164	0.6%	7148	13	3	0	7164	1.4%	2.1%
Totals	7563	781	604	1	8950	8237	438	274	1	8950	52.7%*	8366	315	268	1	8950	4.6%	57.3%*

<sup>\*</sup>The total jurisdiction-wide reduction reported for full capture systems includes 0.9% reduction for treatment of 22.6 acres of non-jurisdictional public K-12, college and university school land areas.

FY 16-17 AR Form 10-15 9/30/17

 $<sup>^{\</sup>rm 62}$  Numbers reported for each TMA may not exactly sum to totals due to rounding.

## Section 11 - Provision C.11 Mercury Controls

## C.11.a. ▶ Implement Control Measures to Achieve Mercury Load Reductions

## C.11.b. ► Assess Mercury Load Reductions from Stormwater

See the Program's FY 2016-17 Annual Report for:

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

A description of how the BASMAA Interim Accounting Methodology<sup>63</sup> was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure); and

Supporting data and information necessary to substantiate the load reduction estimates.

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

C.11.C. F Train and implement ofecti initiasing croic to readed mereory todas			
If the regional or countywide mercury load reductions required by this sub-provision via Green Infrastructure by the end of the permit term are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?	×	Yes	No

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

A summary of Program and regional accomplishments for this sub-provision are included in the C.11 Mercury Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

FY 16-17 AR Form 11-1 9/30/17

<sup>&</sup>lt;sup>63</sup>BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

#### Section 12 - Provision C.12 PCBs Controls

# C.12.a. ► Implement Control Measures to Achieve PCBs Load Reductions C.12.b. ► Assess PCBs Load Reductions from Stormwater See the Program's FY 2016-17 Annual Report for: Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas; A description of how the BASMAA Interim Accounting Methodology<sup>64</sup> was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure); and Supporting data and information necessary to substantiate the load reduction estimates. If the regional and countywide PCBs load reductions required by C.12.a are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction Χ No Yes required of each Permittee?

FY 16-17 AR Form 12-1 9/30/17

<sup>&</sup>lt;sup>64</sup>BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

C.12 - PCBs Controls

C.12.f. ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains				
A summary of Program and regional accomplishments for this sub-provision is in Annual Report and/or a BASMAA regional report.	ncluded	in the C.1	2 PCBs	Controls section of Program's FY 2016-17
Does your agency plan to seek exemption from this requirement?	Yes	Х	No	

# C.12.g. ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of Program and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

## C.12.h. ▶ Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

FY 16-17 AR Form 12-2 9/30/17

## Section 13 - Provision C.13 Copper Controls

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

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

#### Summary:

During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and if appropriate, BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records. Post-construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SMCWPPP "Requirements for Architectural Copper" Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SMCWPPP website (<a href="https://www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf">www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf</a>). Inspectors are made aware of the concerns with copper architectural features at SMCWPPP Training Workshops and internal municipal trainings.

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

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

#### Summary:

Any necessary enforcement action is implemented through the City's enforcement response plan. 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 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 are entered into the myRWC database to help track and respond to complaints.

Upon review of our Provision C.5 illicit discharge inspection data we found no enforcement activities related to copper-containing discharges from pools, spas, and fountains.

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

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

Summary:

There were no BMP deficiencies in found at industrial facilities that may be sources of copper during routine inspections this fiscal year.

# C.15 - Exempted and Conditionally Exempted Discharges

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

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

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

Promote conservation programs

Promote outreach for less toxic pest control and landscape management

Promote use of drought tolerant and native vegetation

Promote outreach messages to encourage appropriate watering/irrigation practices

Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

#### Summary:

The City has implemented or continued several different programs to help raise awareness and encourage water conservation during this fiscal year.

One of the most significant water conservation programs for Redwood City is 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. Approximately 212 million gallons of water were delivered to irrigation, industrial, and commercial recycled water customers in calendar year 2016, and 28 million gallons were delivered for landscape impoundment and other onsite uses at Silicon Valley Clean Water (SVCW).

With approval from the Water Board, the City continued offering recycled water for a second year 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 ran from July to October 2016. In the 4 months of the program, the fill station distributed 225,650 gallons of recycled water to residential participants.

Commercial customers also have the ability to obtain recycled water year-round from the City at the applicable rate. The commercial fill station distributed 4,879,204 gallons to commercial participants.

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 (the Public Works Native Plant garden and Fire Station #12) where residents can see what a typical drought-tolerant landscape looks

## C.15 - Exempted and Conditionally Exempted Discharges

like. The Native Plant demonstration garden, planted as part of the Water Resources Division's water-efficient landscape classes in partnership with the Parks Department, was featured on the Native Garden Societies 2017 Garden Tour. Redwood City also hosted 5 BAWSCA landscape classes and instructional workshops in FY 16/17. The classes included the following topics: Converting spray irrigation to drip, water efficient landscape design and planting, and a How to Do It Yourself, "Lawn Be Gone" rebate program lawn conversion class.

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
- 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 402 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 \$150 back, respectively, for switching, and a rain barrel rebate program through BAWSCA.

Redwood City's Water Resources Division has been a signatory to the California Urban Water Conservation Council (now CALWEP) since the early 1990's and has implemented all the BMPs aggressively since the early 2000s. One of the BMPs is public outreach, Redwood City has promoted water conservation information and programs through several venues including: The City's website, social media, announcements on the utility bill, hosting a booth at events, and email. Some of the highlights of the City's water conservation promotions include:

- Continued 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 water pollution and conservation-related information.

Events occurred throughout the year and included:

- July 4th Parade
- Salsa Festival
- Seaport Centre Earth Day event
- Paragon Point Earth Day event
- "Touch a Truck" event
- Music on the Square
- Music at the Park
- Email messaging, tweets, and website updates to continuously provide updates and reminders regarding water pollution and conservation, and available classes, rebates, and incentives.

Redwood City offers a climate appropriate irrigation schedule for all of our customers, available on our website and all public city facilities. We calculate a water budget for single family residential and dedicated irrigation customer classes. The water budgets use real-time weather to determine if the plant material is irrigated appropriately. For single family residential customers the water budget is only informational. Our irrigation customers are billed based on their water budget. Irrigation accounts have been converted since 2009 to AMI meters that are able to

# FY 2016-2017 Annual Report Permittee Name: City of Redwood City

# C.15 - Exempted and Conditionally Exempted Discharges

provide hourly consumption. To support our customer water efficiency efforts, we developed a "My Water" website so that customers can login and compare their water budget to their water consumption. Additionally, customers can choose to register for notifications, such as leak notifications, over-budget alerts and bi-billing cycle water use reports. The website and water budget information are promoted through all of the means mentioned in section C.7, as well as when a new customer opens an account, and when a manual meter is changed to AMI a door hanger is left.

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# **City of Redwood City**



# **Attachment**

Provision C.3 Reporting New Development and Redevelopment

C.3.j.i.(5)(a) Green Infrastructure Work Plan Resolution

FY 16-17 AR Form 9/30/17

#### **RESOLUTION NO. 15587**

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDWOOD CITY APPROVING A WORKPLAN TO DEVELOP A GREEN INFRASTRUCTURE PLAN IN ACCORDANCE WITH PROVISION C.3.J OF THE MUNICIPAL REGIONAL PERMIT

WHEREAS, the San Francisco Bay Regional Water Quality Control Board's Municipal Regional Permit (MRP) regulates stormwater discharges from municipal storm drain systems throughout San Mateo County, including the City of Redwood City; and

WHEREAS, Provision C.3.j of the MRP requires each permittee to develop a Green Infrastructure Plan that demonstrates how permittees will gradually shift from traditional "gray" storm drain infrastructure-which channels polluted runoff directly into receiving waters without treatment-to a more resilient and sustainable storm drain system comprised of "green" infrastructure, which captures, stores and treats stormwater; and

WHEREAS, the MRP also requires that Green Infrastructure Plans be collectively designed to achieve specific reductions in mercury and PCBs (polychlorinated biphenyls) within specific time horizons; and

WHEREAS, all permittees under the MRP are required to approve a Workplan by June 30, 2017 for developing a Green Infrastructure Plan; and

WHEREAS, the City/County Association of Governments of San Mateo County (C/CAG) has been working with its member agencies, including Redwood City staff members to develop model green infrastructure planning documents, including a model Workplan; and

WHEREAS, the Workplan attached to the Staff Report details the required tasks to develop a Green Infrastructure Plan compliant with MRP requirements, including those aspects that will be implemented by C/CAG and those by local agencies; and

WHEREAS, the City of Redwood City is committed to complying with requirements of the MRP; and

WHEREAS, while the cost to develop a Green Infrastructure Plan is yet to be determined, it is the intent of the City of Redwood City to allocate sufficient resources to ensure timely development of a Green Infrastructure Plan in accordance with MRP requirements.

# NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF REDWOOD CITY AS FOLLOWS:

The recitals set forth above are true and correct, and are hereby incorporated herein by this reference as if fully set forth in their entirety.

The City Council of City of Redwood City approves the Workplan attached to the Staff Report for developing a Green Infrastructure Plan.

This Resolution shall be effective upon its adoption.

\* \* \*

Passed and adopted by the Council of the City of Redwood City at a Joint City Council/Successor Agency Board/Public Financing Authority Meeting thereof held on the 22nd day of May 2017 by the following votes:

Council members: Aguirre, Bain, Borgens, Gee, Howard, Masur and Mayor

Seybert

NOES: None

ABSENT: None

ABSTAINED: None

RECUSED: None

Joh .Seybert

√Mayor of the City of Redwood City

Attest

Silvia Vonger 1nden

City Clerk of Redwood City

I hereby approve the foregoing

resolution this 23rd day of May 2017.

John D. Seybert

Mayor of the City of Redwood City

RESO. # 15587 MUFF # 613 FY 2016-2017 Annual Report Permittee Name: City of Redwood City

# **City of Redwood City**



# **Attachment**

Provision C.3 Reporting New Development and Redevelopment

C.3.e.v Special Projects Narrative Discussions

# Narrative Discussion of LID Feasibility or Infeasibility

#### 851 Main Street

## 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.

## 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.

**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.

**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.

**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.

#### Constraints to Providing On-site LID.

**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.

**Landscaped areas:** There are no landscaped areas available on the site other than the proposed flow-through planters on the second story patio.

#### Feasibility/Infeasibility of Off-site LID Treatment.

The possibility of providing off-site LID treatment was found to be infeasible for the following reasons:

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

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

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Permittee Name: City of Redwood City

**MEMORANDUM** 

**Date:** December 15, 2015 **Job No.:** 2015-08

To: Kevin Fehr Copies To: Victor Gonzalez

City of Redwood City 1017 Jonathan Hayes Middlefield Rd Redwood City, CA

94063

From: Easton McAllister, PE

Subject: Greystar ECR & Diller - 1401 El Camino Real: C.3 Feasibility/Infeasibility Narrative

#### **Comments:**

Kevin,

As a condition of C.3 compliance requirements, I am providing a discussion below of LID feasibility or infeasibility below. In summary, due to the project's infill location, high density and zero lot- line zoning, there is not adequate area on the site to provide LID treatment measures for C.3 compliance on the site. The project is proposed as and qualifies for Special Project Status under Category B – Larger Infill Development, allowing for 100% treatment by non-LID methods.

The findings of our study is as follows:

## 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.

## 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.

## **On-site Drainage Conditions.**

On-site drainage consists of rainwater collected on the building roof and podium level courtyard. These waters will be collected through a system of pipes, routed through the building and treated through media filters located in the basement level prior to discharge to the City's storm drain system on Diller and Franklin Streets.

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## 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 an access alley at the southeast boundary of the property and the new sidewalk located in a pedestrian easement along Caltrans (State) controlled FI Camino Real.

## Maximizing Flow to LID Features and Facilities.

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

## Constraints to Providing On-site LID.

See sections 2.a and 2.b above.

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.

Landscaped areas: Minimal landscaping between building footprint and adjacent properties.

## Feasibility/Infeasibility of Off-site LID Treatment.

The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.

## **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 bio-treatment facilities that meet sizing requirements for the tributary area.

Conflict with subsurface utilities

Elin Cateller

#### 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

# Narrative Discussion of LID Feasibility or Infeasibility

#### 801 Brewster Avenue

#### 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.

#### 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.

## **On-site Drainage Conditions.**

On-site drainage consists of rainwater collected on the building roof and podium level courtyard. These waters will be collected through a system of pipes, routed through the building, and treated through media filters located in an on-site manhole structure prior to discharge to the City's storm drain system on Warren Street.

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

There is a small amount of landscape area on the site (roughly 7,000 square feet) which will function as a self-treating area. Due to the number of buried utilities, these landscape areas are not suitable to be used for LID treatment measures.

## Maximizing Flow to LID Features and Facilities.

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

#### Constraints to Providing On-site LID.

**Impervious paved areas:** The majority of the site impervious area consists of roof or building footprint, with the exception of some access sidewalks to ground-floor units.

**Landscaped areas:** The landscaped areas available on the site contain buried utilities which constrain the use of these areas for LID treatment measures.

#### Feasibility/Infeasibility of Off-site LID Treatment.

The possibility of providing off-site LID treatment was found to be infeasible for the following reasons:

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

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

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## NARRATIVE DISCUSSION OF LID FEASIBILITY OR INFEASIBILITY

## El Camino Real, Redwood City

#### Feasibility/Infeasibility of Onsite Infiltration

The onsite soils have been classified as Hydrologic Soil Group D by the project geotechnical engineer. Group D soils are defined as having a very slow infiltration rate (high runoff potential) when thoroughly wet. As a result infiltration of the C.3.d runoff has been deemed infeasible.

## 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.

On-site Drainage Conditions. On-site drainage consists of rainwater collected on the building roofs, paths, and roadway and directed to the onsite storm drain system. The stormwater is then detained within onsite storm drain pipes and pumped into a bio- retention area in Hopkins Avenue. Due to the number of roof rainwater leaders, utilizing multiple individual treatment areas onsite was not feasible. As a result, runoff from the entire site is collected and then directed to treatment measures. There is not adequate space onsite for a single bio-retention area sized to treat 65% of the site runoff. As a result, a portion of Hopkins Avenue has been used for bio-retention. The remaining 35% of the site runoff flows through an onsite media filter vault before discharging into the City storm drain in Hopkins Avenue.

**Self-treating and Self-Retaining Areas and LID Treatment Measures.** An offsite bio- retention area will be used to treat 65% of the site runoff. The onsite access road, building footprints, and shared open space cover the majority of the site area. As a result, it is not feasible to provide a bio-retention or flow-through planter area large enough to treat the entire site.

Maximizing Flow to LID Features and Facilities. The proposed stormwater management strategy maximizes flow to the bio-retention area in Hopkins Avenue. Directing additional flow to bio-retention would require increasing the area of bio-retention in Hopkins Avenue, as well as increasing the amount of detention onsite. This has been determined to be infeasible, as discussed in section 3.

Constraints to Providing On-site LID. See sections 2.a and 2.b above.

**Feasibility/Infeasibility of Off-site LID Treatment.** The possibility of providing off-site LID treatment for 100% of the site area was found to be infeasible for the following reasons.

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

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Increasing the size of the bio-retention area within Hopkins Avenue creates grading issues, since the bottom of the bio-retention basin must be set at a flat elevation, while the adjacent roadway is sloped. This results in large vertical drops between the roadway and bio-retention area bottom. Increasing the bio-retention area in Hopkins Avenue would require relocation of existing underground electrical and communications facilities.

Onsite detention would also need to be increased to provide adequate storage for stormwater before being conveyed to bio-retention. Due to the large number of utilities within the on-site access road and potential cover issues with large diameter storm pipes, increasing the amount of onsite detention is infeasible.

Increasing the bio-retention area in Hopkins Avenue would further reduce the number of parking stalls within Hopkins Avenue.

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

Permittee Name: City of Redwood City

## Narrative Discussion of LID Feasibility or Infeasibility

#### 353 Main Street

#### 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.

#### 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.

## **On-site Drainage Conditions.**

On-site drainage consists of rainwater collected on the building roof and podium level courtyard, an emergency vehicle access drive and a public access creek-side trail. These waters will be collected through a system of pipes and treated through a combination of LID measures and media filters prior to discharge to the City's storm drain system on Main Street.

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

An existing creek-side slope will not be disturbed as part of the project and will function as a self-treating area. Small landscape areas adjacent to the emergency vehicle access drive will also function as self-treating or self-retaining areas. A portion of the building roof and podium level will be treated by a bioretention planter on the podium level. An additional portion of the building roof will be treated by two at-grade bioretention ponds.

## Maximizing Flow to LID Features and Facilities.

See sections 2.a and 2.b above

#### **Constraints to Providing On-site LID.**

**Impervious paved areas:** The portions of the site not covered by building contain required emergency vehicle access drives and/or required public access path.

**Landscaped areas:** Much of the available landscape area has already been dedicated to bioretention planters; the remainder is small pieces that are constrained by their proximity to underground utilities and therefore unsuitable for LID measures.

## Feasibility/Infeasibility of Off-site LID Treatment.

The possibility of providing off-site LID treatment was found to be infeasible for the following reasons:

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

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

Permittee Name: City of Redwood City

#### **707 Bradford Street**

Narrative Discussion of Low Impact Development Feasibility/Infeasibility

This report provides a narrative discussion of the feasibility or infeasibility of providing 100 percent low impact development (LID) treatment for **707 Bradford Street**, which has been identified as a potential Special Project, based on Special Project criteria provided in Provision C.3.e.ii of the Municipal Regional Stormwater Permit (MRP). This report is prepared in accordance with the requirement in MRP Provision C.3.e.vi. (2), to include in Special Projects reporting a narrative discussion of the feasibility or infeasibility of 100 percent LID treatment onsite or offsite.

#### 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.

On-site Drainage Conditions.

The proposed site will include a new mix-use building, a pedestrian trail, nursery play area and landscaped areas. The proposed development is divided into three drainage management areas. The first drainage management area consist of the nursery play area, landscaped areas and the pedestrian trail. The storm waters from the nursery play area and trail will drain southerly into inlets and will eventually be detained and treated through a media filter.

The second drainage management area is a small, landscaped area with 70 square feet of impervious area located on the north east corner of the project. This area will be treated as a self-retaining area. A dry well will be installed as a treatment measure.

The third drainage management area consists of roof podium and a partial portion of the building roof.

The rain waters will be collected and treated by a flow-through planter left of the proposed building.

The fourth drainage management area consists of the remaining portion of the building roof and the rain waters will be collected and treated through a media filter located under the parking garage.

The fifth drainage management area consists of the property frontage. The rain water from this area will be difficult to collect due to the site constraints and the existing grades.

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

Drainage management area 2 and drainage management area 3 will have self-retaining area and LID treatment measures.

Drainage management 2 is a self-retaining area that will have a dry well installed to capture rain waters. The captured rain waters will then percolate slowly into the existing ground.

Drainage management area 3 will be treated by flow- through planters. The podium and a part of the building roof will be graded in such a way that the rain waters will flow to the left side of the building and be captured by the flow through planters.

Maximizing Flow to LID Features and Facilities. See sections 2.a and 2.b.

Constraints to Providing On-site LID. The drainage management areas that are proposed to drain to tree-box type high flow rate biofilters and/or vault- based high flow rate media filters include some areas that are not covered by buildings. There are two areas that are not covered by buildings. One area includes a nursery play area for the day care. The second area is a proposed 14 feet wide trail, 10-foot sidewalk with 2-foot decomposed granite shoulder that connects Bradford Street and Main Street. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.

Impervious paved areas: The existing project site is approximately 40,360 SF, which does not include the Creek. As part of the project, we will be proposing a mixed use building and a nursery play area that totals approximately 31,000 SF. The proposed foot print of the building and play area are requirements of the

## FY 2016-2017 Annual Report

## Permittee Name: City of Redwood City

RFP for the City. In addition, the project is also bordered by the Redwood Creek to the east of the project. As a result, the project site has too many site constraints to provide adequate space for LID measures. Landscaped areas:

Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. See 2.i above.

Proximity to an unstable bank or slope. See 2i above.

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

No additional property within the same watershed is owned by the project proponent. LID treatment in the 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 public sidewalk.

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

# **City of Redwood City**



# **Attachment**

Provision C.4 Industrial and Commercial Site Controls

C.4.b.iii. Potential Facilities

	Name	Street Number	Street Name	City	Frequency
1	1400 SEAPORT	1400-A	SEAPORT	REDWOOD CITY	2 YEAR
2	23andMe	220	PENOBSCOT	REDWOOD CITY	2 YEAR
3	425 Broadway, RWC (SU Libraries)	425	Broadway	REDWOOD CITY	2 YEAR
4	5TH AVE 76	844	5TH	REDWOOD CITY	2 YEAR
5	5TH AVENUE ENTERPRISE	1603	BROADWAY	REDWOOD CITY	2 YEAR
6	7 ELEVEN STORE #2366-22434E	400	EL CAMINO REAL	REDWOOD CITY	2 YEAR
7	7-ELEVEN, STORE 2366-15896E	1700	BROADWAY	REDWOOD CITY	2 YEAR
8	840 WINE BAR & COCKTAIL LOUNGE	840	BREWSTER	REDWOOD CITY	2 YEAR
9	A AUTO SERVICE	540	EL CAMINO REAL	REDWOOD CITY	2 YEAR
10	A B & W MARKET	3115	JEFFERSON	REDWOOD CITY	2 YEAR
11	A M A TIRES & WHEELS	2796	MIDDLEFIELD	REDWOOD CITY	2 YEAR
12	A-1 RENTAL CENTER	1125	ARGUELLO	REDWOOD CITY	2 YEAR
13	AAA RENTALS	82	5TH	REDWOOD CITY	2 YEAR
14	A-ABCO RENTS & SELLS	1050	CHARTER	REDWOOD CITY	5 YEAR
15	AARTI Petroleum	503	WHIPPLE	REDWOOD CITY	2 YEAR
16	AB SCIEX LLC	1201	RADIO	REDWOOD CITY	2 YEAR
17	ABBVIE BIOTHERAPEUTICS INC	1500	SEAPORT	REDWOOD CITY	2 YEAR
18	ABC COMPANIES	3508	HAVEN	REDWOOD CITY	2 YEAR
19	ACELRX PHARMACEUTICALS INC	351	GALVESTON	REDWOOD CITY	2 YEAR
20	ACTION SIGN SYSTEMS, INC.	3580	HAVEN	REDWOOD CITY	2 YEAR
21	ACTION TOWING	1790	INDUSTRIAL	REDWOOD CITY	2 YEAR
22	AHISUSHI AND HIBACHI	1784	BROADWAY	REDWOOD CITY	2 YEAR
23	AI LLC	1709	BAYSHORE	REDWOOD CITY	ANNUAL
24	AIRE SHEET METAL INC	1973	BAYSHORE	REDWOOD CITY	2 YEAR
25	Airgas USA, LLC	1826	INDUSTRIAL	REDWOOD CITY	2 YEAR
26	ALAN STEEL & SUPPLY CO	505	BAYSHORE	REDWOOD CITY	2 YEAR
27	ALANAS CAFE	1020	MAIN	REDWOOD CITY	2 YEAR
28	ALLIED MOTOR	582	WOODSIDE	REDWOOD CITY	2 YEAR
29	ALPINE CONSTRUCTION	927	ARGUELLO	REDWOOD CITY	2 YEAR
30	ALYS ON MAIN	911	MAIN	REDWOOD CITY	2 YEAR
31	AMERICAN LEGION #105 RWC POST	651	EL CAMINO REAL	REDWOOD CITY	2 YEAR
32	AMERICAS ICE CREAM	2297	SPRING	REDWOOD CITY	2 YEAR
33	AMICIS EAST COAST PIZZERIA	226	REDWOOD SHORES	REDWOOD CITY	2 YEAR
34	AMIE WINE BAR	823	HAMILTON	REDWOOD CITY	2 YEAR
35	AMPEX DATA SYSTEMS CORP	500	BROADWAY	REDWOOD CITY	2 YEAR
36	ANDY'S BP	895	WOODSIDE	REDWOOD CITY	2 YEAR
37	ANSON CATERING	604	5ТН	REDWOOD CITY	2 YEAR
38	APATZINGAN #2	739	CHESTNUT	REDWOOD CITY	2 YEAR
39	APNICURE	900	CHESAPEAKE	REDWOOD CITY	5 YEAR
40	APPLIED IMMUNOLOGY	2686	MIDDLEFIELD	REDWOOD CITY	2 YEAR
41	Arana Therapeutics, Inc.	610	Galveston	REDWOOD CITY	2 YEAR
42	ARCO 00306	1700	MIDDLEFIELD	REDWOOD CITY	2 YEAR
43	ARCO 00573	610	WOODSIDE	REDWOOD CITY	2 YEAR
44	ARCO 06023	1801	WOODSIDE	REDWOOD CITY	2 YEAR
45	ARGUELLO CATERING CO SOUTH	1757	BAYSHORE	REDWOOD CITY	2 YEAR
46	ARMO BIOSCIENCES INC	575	CHESAPEAKE	REDWOOD CITY	2 YEAR
47	ARTEAGAS STARLITE SUPERMARKET	812	5TH	REDWOOD CITY	2 YEAR
48	ARYA GLOBAL CUISINE	885	MIDDLEFIELD	REDWOOD CITY	2 YEAR
49	ASCEND CLINICAL LLC	1400	INDUSTRIAL	REDWOOD CITY	5 YEAR

Total	<b>Businesses:</b>	849
IOtai	Dusiliesses.	UTJ

PUU	ential Facilities List			iotai Businesses:	849
	Name	Street Number	Street Name	City	Frequency
50	AT&T California - P3056	1121	Jefferson	REDWOOD CITY	2 YEAR
1	AT&T California - P3600	2001	Bayshore	REDWOOD CITY	2 YEAR
2	AT&T California - P39AR	1200	MARSH	REDWOOD CITY	2 YEAR
3	AT&T MOBILITY - FOSTER CITY 2-RADIO ROA	1410	Radio	REDWOOD CITY	2 YEAR
4	AT&T MOBILITY - REDWOOD CITY (13232)	575	CALIFORNIA	REDWOOD CITY	2 YEAR
5	ATHERTON U-SAVE LIQUORS	3107	EL CAMINO REAL	REDWOOD CITY	2 YEAR
6	AUTO MASTER	67	EL CAMINO REAL	REDWOOD CITY	2 YEAR
7	AUTO PLUS SPORTZENTRIUM	94	LAUREL	REDWOOD CITY	2 YEAR
8	AUTO PRIDE CAR WASH	909	WOODSIDE	REDWOOD CITY	2 YEAR
9	AUTOHAUS KLAUS NAGEL	1690	INDUSTRIAL	REDWOOD CITY	2 YEAR
0	AUTOQUEST	876	KAYNYNE	REDWOOD CITY	2 YEAR
1	AutoZone #4026	901	EL CAMINO REAL	REDWOOD CITY	2 YEAR
2	AVENUE LIQUORS	2147	ROOSEVELT	REDWOOD CITY	2 YEAR
3	AVENUE SILVER PLATING	861	HURLINGAME	REDWOOD CITY	2 YEAR
4	AVINGER	400	CHESAPEAKE	REDWOOD CITY	2 YEAR
<u>.                                    </u>	AYAR PRODUCE & MEAT MARKET	2727	EL CAMINO REAL	REDWOOD CITY	2 YEAR
5	B & D AUTOMOTIVE	1510	MAIN	REDWOOD CITY	2 YEAR
, 7	BAEZA AUTOMOTIVE Inc	816	HURLINGAME	REDWOOD CITY	2 YEAR
3	BAGEL STREET CAFE	254	REDWOOD SHORES	REDWOOD CITY	2 YEAR
	BANGKOK BAY THAI CUISINE				
9		825	EL CAMINO REAL	REDWOOD CITY	2 YEAR
)	BAY CLUB	200	Redwood Shores	REDWOOD CITY	2 YEAR
<u> </u>	BAY LEAF CAFE & CATERING	1201	RADIO	REDWOOD CITY	2 YEAR
2	BAYSIDE EQUIPMENT CO	3562	HAVEN	REDWOOD CITY	2 YEAR
3	BEN FRANKS RESTAURANT	491	EL CAMINO REAL	REDWOOD CITY	2 YEAR
4	BENZ AUTO BODY	1850	INDUSTRIAL	REDWOOD CITY	2 YEAR
5	BEST MOWER SHOP	474	FIRST	REDWOOD CITY	2 YEAR
5	BEST TAQUERIA	3102	MIDDLEFIELD	REDWOOD CITY	2 YEAR
7	BEST WESTERN EXECUTIVE SUITES	25	5TH	REDWOOD CITY	2 YEAR
3	BEVERAGES & MORE	1745	EL CAMINO REAL	REDWOOD CITY	2 YEAR
9	Big Lots Redwood City 4313			REDWOOD CITY	2 YEAR
)	BIG O TIRES	2310	EL CAMINO REAL	REDWOOD CITY	2 YEAR
1	BIG THARMANS BBQ	1402	MAIN	REDWOOD CITY	2 YEAR
2	BIOSTRIDE INC	1201	DOUGLAS	REDWOOD CITY	2 YEAR
3	BK 2443	575	EL CAMINO REAL	REDWOOD CITY	2 YEAR
4	BK 6292	2102	MIDDLEFIELD	REDWOOD CITY	2 YEAR
5	BLISS COFFEE	2400	BROADWAY	REDWOOD CITY	2 YEAR
5	BLUEFIN PARTY SUSHI	2327	BROADWAY	REDWOOD CITY	2 YEAR
7	BOARDWALK MOTORCAR GROUP	1	BAIR ISLAND	REDWOOD CITY	2 YEAR
3	BOBBY D'S SPORTS BAR & COCKTAIL LOUNGE	700	WINSLOW	REDWOOD CITY	2 YEAR
9	BON APPETIT @ EA COMMONS CAFE	211	REDWOOD SHORES	REDWOOD CITY	2 YEAR
)	BON APPETIT 200	200	ORACLE	REDWOOD CITY	2 YEAR
1	BON APPETIT 300 CAFE	300	ORACLE	REDWOOD CITY	2 YEAR
2	BON APPETIT 350 CAFE	350	ORACLE	REDWOOD CITY	2 YEAR
3	BON APPETIT 400 CAFE	400	ORACLE	REDWOOD CITY	2 YEAR
4	BON APPETIT MGMT	10	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
5	BONFARE #41	3215	OAK KNOLL	REDWOOD CITY	2 YEAR
6	BONSAI JAPANESE RESTAURANT	3401	EL CAMINO REAL	ATHERTON	2 YEAR
7	BOXER INDUSTRIES INC	151	HINMAN	REDWOOD CITY	2 YEAR
8	BRAVO TAQUERIA	980	WOODSIDE	REDWOOD CITY	2 YEAR

				Total businesses.	<del></del>
	Name	Street Number	Street Name	City	Frequency
99	BRISTOL MYERS SCQUIBB COMPANY	740	BAY	REDWOOD CITY	ANNUAL
100	BRISTOL MYERS SCQUIBB COMPANY	700	BAY	REDWOOD CITY	2 YEAR
101	BROADWAY AUTO INC	1101	BROADWAY	REDWOOD CITY	2 YEAR
102	BROADWAY MASALA LLC	2397	BROADWAY	REDWOOD CITY	2 YEAR
103	BROADWAY SUBS	2034	BROADWAY	REDWOOD CITY	2 YEAR
104	BULA BODY SHOP INC	417	D	REDWOOD CITY	2 YEAR
105	C G & E AUTO BODY	545	STANDISH	REDWOOD CITY	2 YEAR
106	C/O LICENSING DEPT	340	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
107	CAFE VIE AT REDWOOD CITY	450	BROADWAY	REDWOOD CITY	2 YEAR
108	CALIFORNIA AUTO DETAILERS	113	BEECH	REDWOOD CITY	2 YEAR
109	CALIFORNIA HIGHWAY PATROL	355	CONVENTION	REDWOOD CITY	2 YEAR
110	CALIFORNIA WATER SVC CO MPS 117		CRESTVIEW DR & EDGEWOOD	REDWOOD CITY	2 YEAR
111	CAL-STEAM	604	PRICE	REDWOOD CITY	2 YEAR
112	Caltrans-Redwood City	2501	Bayshore	Redwood City	2 YEAR
113	CANADA COLLEGE	4200	FARMHILL	REDWOOD CITY	2 YEAR
114	CANYON AUTO SERVICE	590	CANYON	REDWOOD CITY	2 YEAR
115	CANYON GAS & PROPANE	590	CANYON	REDWOOD CITY	2 YEAR
116	CANYON INN	587	CANYON	REDWOOD CITY	2 YEAR
117	CARBON3D	312	CHESTNUT	REDWOOD CITY	2 YEAR
118	CARDICA, INC.	900	SAGINAW	REDWOOD CITY	5 YEAR
119	CARDIODX INC	600	SAGINAW	REDWOOD CITY	5 YEAR
120	CARGILL SALT	295	SEAPORT	REDWOOD CITY	ANNUAL
121	CARLS JR RESTAURANT	1001	VETERANS	REDWOOD CITY	2 YEAR
122	CARLSEN MOTOR CARS, INC.	3636	HAVEN	REDWOOD CITY	2 YEAR
123	Carlsen Subaru	535	Whipple	Redwood City	2 YEAR
124	CARLSEN SUBARU	480	VETERANS	REDWOOD CITY	2 YEAR
125	CARPET MAINT SUPPLY INC	1475	VETERANS	REDWOOD CITY	2 YEAR
126	CASA DE REDWOOD	1280	VETERANS	REDWOOD CITY	2 YEAR
127	CASTILLOS AUTO ELECTRIC	24	WILLOW	REDWOOD CITY	2 YEAR
128	CEMEX CONST. MATERIALS PAC LLC	775	SEAPORT	REDWOOD CITY	ANNUAL
129	CEMEX RWC CEMENT TERMINAL	876	SEAPORT	REDWOOD CITY	ANNUAL
130	Central Concrete Supply Co Plant - 08	635	Seaport	REDWOOD CITY	ANNUAL
131	CENTRUM LIFT STATION	184	ORACLE	REDWOOD CITY	2 YEAR
132	Century Redwood Downtown 20	825	Middlefield	Redwood City	2 YEAR
133	CERRONE EUROPEAN	2306	EL CAMINO REAL	REDWOOD CITY	2 YEAR
134	CHANIQUES AUTO REPAIR	425	DUMBARTON	REDWOOD CITY	2 YEAR
135	CHANTILLY INC	3001	EL CAMINO REAL	REDWOOD CITY	2 YEAR
136	CHAVEZ MEAT MARKET	775	ARGUELLO	REDWOOD CITY	2 YEAR
137	CHAVEZ SUPERMARKET	817	ARGUELLO	REDWOOD CITY	2 YEAR
138	CHAVEZ SUPERMARKET	46	5TH	REDWOOD CITY	2 YEAR
139	CHEF CHENS	820	VETERANS	REDWOOD CITY	2 YEAR
140	CHEF PEKING RESTAURANT	515	VETERANS	REDWOOD CITY	2 YEAR
141	CHEVRON STATION #91374	990	Veterans	Redwood City	2 YEAR
142	CHICHARIN AUTO REPAIR	2905	FLOOD	REDWOOD CITY	2 YEAR
143	Chipotle Mexican Grill #430	861	Middlefield	Redwood City	2 YEAR
144	CHRISTINAS DELI	2701	EL CAMINO REAL	REDWOOD CITY	2 YEAR
145	CHUCK E CHEESE	2541	EL CAMINO REAL	REDWOOD CITY	2 YEAR
146	CHUCKS DONUTS	801	WOODSIDE	REDWOOD CITY	2 YEAR
147	CITY PUB & CAFE	2620	BROADWAY	REDWOOD CITY	2 YEAR

	ential racintles List			Total businesses.	<del></del>
	Name	Street Number	Street Name	City	Frequency
148	Clean Harbors Environmental Services, Inc.	695	SEAPORT	Redwood City	ANNUAL
149	CLUB CALIENTE	1776	BROADWAY	REDWOOD CITY	2 YEAR
150	CODEXIS INC	200	PENOBSCOT	REDWOOD CITY	ANNUAL
151	CODEXIS, INC	400	PENOBSCOT	REDWOOD CITY	2 YEAR
152	CODEXIS, INC	501	CHESAPEAKE	REDWOOD CITY	2 YEAR
153	COMEBUY	2074	BROADWAY	REDWOOD CITY	2 YEAR
154	COOKS COLLISION OF REDWOOD CITY	1104	MAIN	REDWOOD CITY	2 YEAR
155	Cooks Collision of San Carlos	1800	INDUSTRIAL	REDWOOD CITY	2 YEAR
156	COOKS UPHOLSTERY	1823	EL CAMINO	REDWOOD CITY	2 YEAR
157	CORDILLERAS HOSPITAL	200	EDMONDS	REDWOOD CITY	2 YEAR
158	CORNER YOGURT	1501	WOODSIDE	REDWOOD CITY	2 YEAR
159	COST PLUS INC #284	890	JEFFERSON	REDWOOD CITY	2 YEAR
160	COSTCO WHOLESALE #1042	2300	MIDDLEFIELD	REDWOOD CITY	2 YEAR
161	COUNTY OFFICE BLDG #2	555	COUNTY CENTER	REDWOOD CITY	2 YEAR
162	COUNTY OFFICE BLDG.#1	455	COUNTY CENTER	REDWOOD CITY	2 YEAR
163	COUNTY SPECIALTY GASES LLC	2200	BAY	REDWOOD CITY	2 YEAR
164	CROSSING 900	900	MIDDLEFIELD	REDWOOD CITY	2 YEAR
165	CROUCHING TIGER BAR	2640	BROADWAY	REDWOOD CITY	2 YEAR
166	CURRY WRAPPERS DELIGHT	312	ARGUELLO	REDWOOD CITY	2 YEAR
167	CVS/PHARMACY #9329	1039	EL CAMINO REAL	REDWOOD CITY	2 YEAR
168	CVS/PHARMACY #9690	1301	BROADWAY	REDWOOD CITY	2 YEAR
169	CYCLE GEAR	1326	EL CAMINO REAL	REDWOOD CITY	2 YEAR
170	CYCLISMO CAFE	871	MIDDLEFIELD	REDWOOD CITY	2 YEAR
171	D&D AUTO REPAIR	2581	SPRING	REDWOOD CITY	2 YEAR
172	DAIRY QUEEN KITCHEN	640	WOODSIDE	REDWOOD CITY	2 YEAR
173	DARINS TRUCKING SERVICE	766	WARRINGTON	REDWOOD CITY	2 YEAR
174	DAVITA REDWOOD CITY DIALYSIS	1000	MARSHALL	REDWOOD CITY	2 YEAR
175	DEGNAN PRINTERS	2893	EL CAMINO REAL	REDWOOD CITY	2 YEAR
176	DELUCCHIS MARKET	3640	FLORENCE	REDWOOD CITY	2 YEAR
177	DENNYS	1201	BROADWAY	REDWOOD CITY	2 YEAR
178	DICE MOLECULES SV, LLC	220	PENOBSCOT	REDWOOD CITY	2 YEAR
179	DINER JAPONICA	593	WOODSIDE	REDWOOD CITY	2 YEAR
180	DISCOTECA DONALETY	2821	MIDDLEFIELD	REDWOOD CITY	2 YEAR
181	Dollar Tree #05544	312	Walnut	Redwood City	2 YEAR
182	DOMINOS 7925	100	5TH	REDWOOD CITY	2 YEAR
183	DONUT KING	3123	JEFFERSON	REDWOOD CITY	2 YEAR
184	DOWNTOWN	2050	BROADWAY	REDWOOD CITY	2 YEAR
185	DULCE PINATAS	401	2ND	REDWOOD CITY	2 YEAR
186	ECLECDISH CATERING	1757	BAYSHORE	REDWOOD CITY	2 YEAR
187	Edgewood Pump Station	2196	Edgewood	Redwood City	2 YEAR
188	EDIBLE ARRANGEMENTS	1685	BROADWAY	REDWOOD CITY	2 YEAR
189	EL CAMINO AUTO BODY	51	CHARTER	REDWOOD CITY	2 YEAR
190	EL CAMINO MARTCO	602	EL CAMINO REAL	REDWOOD CITY	2 YEAR
191	EL DORADO FORKLIFT CO	3582	HAVEN	REDWOOD CITY	2 YEAR
192	EL GRULLENSE E & E	2401	MIDDLEFIELD	REDWOOD CITY	2 YEAR
193	EL GRULLENSE GRILL	2525	EL CAMINO REAL	REDWOOD CITY	2 YEAR
194	EL ZARAPE BAR-N-GRILL	1808	EL CAMINO REAL	REDWOOD CITY	2 YEAR
195	ELECTRONIC ARTS INC	209	REDWOOD SHORE PARKWAY	REDWOOD CITY	2 YEAR
196	ELECTRONIC ARTS INC	250	SHORELINE	REDWOOD CITY	2 YEAR

. 0	intial l'acilities List			Total Businesses.	073
	Name	Street Number	Street Name	City	Frequency
197	ELKS LODGE	938	WILMINGTON	REDWOOD CITY	2 YEAR
198	EMERALD CITY LIQUORS	3025	JEFFERSON	REDWOOD CITY	2 YEAR
199	EMERALD HILLS CAFE	3203	OAK KNOLL	REDWOOD CITY	2 YEAR
200	Emkay Mfg.	815	SWEENEY	REDWOOD CITY	2 YEAR
201	ENVIRONMENTAL HEALTH STORAGE	310	PINE	REDWOOD CITY	2 YEAR
202	ERIKS DELI CAFE	400	WALNUT	REDWOOD CITY	2 YEAR
203	ESBRO	775	SEAPORT	REDWOOD CITY	2 YEAR
204	ESTAMPAS PERUANAS	715	EL CAMINO REAL	REDWOOD CITY	2 YEAR
205	EVA SWEETS	3716	FLORENCE	REDWOOD CITY	2 YEAR
206	EVEREST PUBLIC HIGH SCHOOLS	455	5TH	REDWOOD CITY	2 YEAR
207	EXPERT WOODWORKING	924	BROADWAY	REDWOOD CITY	2 YEAR
208	FALAFEL TAZAH INC	256	REDWOOD SHORES	REDWOOD CITY	2 YEAR
209	FARM HILL	1531	MAIN	REDWOOD CITY	2 YEAR
210	FAST AND EASY	2512	EL CAMINO REAL	REDWOOD CITY	2 YEAR
211	FERRARI MASERATI OF SILICON VALLEY	2750	EL CAMINO REAL	REDWOOD CITY	2 YEAR
212	FG BAKERY CAFE	2561	EL CAMINO REAL	REDWOOD CITY	2 YEAR
213	FIFTH AVE PUMP STATION	3011	BAYSHORE	REDWOOD CITY	2 YEAR
214	FIFTH QUARTER	976	WOODSIDE	REDWOOD CITY	2 YEAR
215	FIRE STATION #11	1091	2ND	REDWOOD CITY	2 YEAR
216	FIRE STATION #12	3700	JEFFERSON	REDWOOD CITY	2 YEAR
217	FIRE STATION #20	680	REDWOOD SHORES	REDWOOD CITY	2 YEAR
218	FIRE STATION #9	755	MARSHALL	REDWOOD CITY	2 YEAR
219	Firestone Complete Auto Care #012858/3671	1458	EL CAMINO REAL	REDWOOD CITY	2 YEAR
220	FISHS WILD FISH GRILL & MORE	855	MIDDLEFIELD	REDWOOD CITY	2 YEAR
221	FIVE GUYS BURGER	801	MIDDLEFIELD	REDWOOD CITY	2 YEAR
222	FIVE POINTS TIRE	2115	EL CAMINO REAL	REDWOOD CITY	2 YEAR
223	FLYERS #270	699	EL CAMINO REAL	REDWOOD CITY	2 YEAR
224	FOLEY BROTHERS CUSTOM WORKS	32	WILLOW	REDWOOD CITY	2 YEAR
225	FOOD STOP MARKETS	916	WHIPPLE	REDWOOD CITY	2 YEAR
226	FoodsCo #353	1401	BROADWAY	REDWOOD CITY	2 YEAR
227	FORTUNE RESTAURANT	2039	BROADWAY	REDWOOD CITY	2 YEAR
228	FOX THEATER	2221	BROADWAY	REDWOOD CITY	2 YEAR
229	FRANKLIN ST COFFEE	1053	EL CAMINO REAL	REDWOOD CITY	2 YEAR
230	FREDS GARAGE INC	416	D	REDWOOD CITY	2 YEAR
231	FRIDA BAR & RESTAURANT	820	VETERANS	REDWOOD CITY	2 YEAR
232	FROYOLA (SEASONAL PERMIT)	2206	BROADWAY	REDWOOD CITY	2 YEAR
233	GAMBREL AND CO	810	MAIN	REDWOOD CITY	2 YEAR
234	GAS 2 YOU	836	WILLOW	REDWOOD CITY	2 YEAR
235	Gas and Shop	3139	Jefferson	Redwood City	2 YEAR
236	GENAPSYS, INC.	200	CARDINAL	REDWOOD CITY	5 YEAR
237	GENENTECH RWC	550	BROADWAY	REDWOOD CITY	2 YEAR
238	GENERAL NUTRITION CENTER # 1613	260	REDWOOD SHORES	REDWOOD CITY	2 YEAR
239	GENERAL NUTRITION CTR #6113	2539	EL CAMINO REAL	REDWOOD CITY	2 YEAR
240	GENOMIC HEALTH	301	PENOBSCOT	REDWOOD CITY	2 YEAR
241	GENOMIC HEALTH INC	701	GALVESTON	REDWOOD CITY	2 YEAR
242	GENOMIC HEALTH INC	101	GALVESTON	REDWOOD CITY	2 YEAR
243	Glenloch Pump Station		Glenloch & Hillcrest	Redwood City	2 YEAR
244	Glenwood Pump Station	3628	Glenwood	Redwood City	2 YEAR
245	GOLDEN AUTO BODY AND PAINT	2710	SPRING	REDWOOD CITY	2 YEAR

FUL	ential racinities List			iotai busillesses.	043
	Name	Street Number	Street Name	City	Frequency
246	GOLDEN GLAZE BAKERY & MARKET	2780	SAN MATEO	REDWOOD CITY	2 YEAR
247	GOLDEN ROOFING COMPANY, INC.	828	WILLOW	REDWOOD CITY	2 YEAR
248	GONZALEZ BROS. AUTO REPAIR	700	WARRINGTON	REDWOOD CITY	2 YEAR
249	GOOGLE, INC.	1300	SEAPORT	REDWOOD CITY	2 YEAR
250	GOOGLE, INC.	1600	SEAPORT	REDWOOD CITY	2 YEAR
251	GOOGLE, INC.	1700	SEAPORT	REDWOOD CITY	2 YEAR
252	GORDON MANOR	1616	GORDON	REDWOOD CITY	2 YEAR
253	GOURMET HAUS STAUDT	2615	BROADWAY	REDWOOD CITY	2 YEAR
254	GP ENTERPRISES	3014	ROLISON	REDWOOD CITY	2 YEAR
255	GRANITE ROCK ASPHALT&ROAD OILS	365	BLOMQUIST	REDWOOD CITY	ANNUAL
256	Granite Rock Company	195	SEAPORT	REDWOOD CITY	ANNUAL
257	GRANITE ROCK CORP	355	BLOMQUIST	REDWOOD CITY	ANNUAL
258	GREAT MARQUES	815	DOUGLAS	REDWOOD CITY	2 YEAR
259	GREEN LEAF ASIAN BISTRO	865	MIDDLEFIELD	REDWOOD CITY	2 YEAR
260	GRIFFIN PAINTING, INC.	3580	HAVEN	REDWOOD CITY	2 YEAR
261	GROCERY OUTLET INC	1833	BROADWAY	REDWOOD CITY	2 YEAR
262	GUARDANT HEALTH	505	PENOBSCOT	REDWOOD CITY	2 YEAR
263	GUCKENHEIMER SERVICES LLC AT PACIFIC SH		SEAPORT	REDWOOD CITY	2 YEAR
264	GUNDERSON DETTMER. LLP	1200	SEAPORT	REDWOOD CITY	2 YEAR
265	HACIENDA TAQUERIA	895	2ND	REDWOOD CITY	2 YEAR
266	HALL OF JUSTICE	400	COUNTY CENTER	REDWOOD CITY	2 YEAR
267	HAPPY DONUTS	1330	EL CAMINO REAL	REDWOOD CITY	2 YEAR
268	HAPPY DONUTS	820	VETERANS	REDWOOD CITY	2 YEAR
269	HARBOR READY MIX	123	SEAPORT	REDWOOD CITY	ANNUAL
270	HARRYS HOFBRAU	1909	EL CAMINO REAL	REDWOOD CITY	2 YEAR
271	HELENS ONE HOUR CLEANERS	1594	WOODSIDE	REDWOOD CITY	2 YEAR
272	HENRY FORD SCHOOL	2498	MASSACHUSETTS	REDWOOD CITY	2 YEAR
273	HERON THERAPEUTICS, INC	123	SAGINAW	REDWOOD CITY	2 YEAR
274	HIGH QUALITY CUSTOM CABINETRY	437	HURLINGAME	REDWOOD CITY	2 YEAR
275	HIGUMA JAPANESE RESTAURANT	540	EL CAMINO REAL	REDWOOD CITY	2 YEAR
276	HILL COUNTRY BBQ	2655	MIDDLEFIELD	REDWOOD CITY	2 YEAR
277	HILLTOP	3215B	OAK KNOLL	REDWOOD CITY	2 YEAR
278	HN LOCKWOOD INC	450	MAPLE	REDWOOD CITY	2 YEAR
279	HOLIDAY INN EXPRESS	2834	EL CAMINO REAL	REDWOOD CITY	2 YEAR
280	HONDA REDWOOD CITY	601	EL CAMINO REAL	REDWOOD CITY	2 YEAR
281	HOOVER SCHOOL	701	CHARTER	REDWOOD CITY	2 YEAR
282	HOPKINS ACURA	1555	EL CAMINO REAL	REDWOOD CITY	2 YEAR
283	HOTEL SOFITEL	223	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
284	HUDSON AUTO INC	582	WOODSIDE	REDWOOD CITY	2 YEAR
285	HUDSON PACIFIC PROPERTIES	333	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
286	HUDSON PACIFIC PROPERTIES  HUDSON PACIFIC PROPERTIES	203	REDWOOD SHORES	REDWOOD CITY	2 YEAR 2 YEAR
287	I DUMPLING LLC	2660	BROADWAY	REDWOOD CITY	2 YEAR 2 YEAR
288	IDEAL R V & TRAILER SUPPLY	3375	BAYSHORE	REDWOOD CITY	2 YEAR 2 YEAR
200 289	IHOP #684	491	VETERANS	REDWOOD CITY	2 YEAR 2 YEAR
289 290	Illumina- RGH	800	SAGINAW	REDWOOD CITY	2 YEAR 2 YEAR
_	Impossible Foods, Inc.	525			+
291	•		CALVESTON	REDWOOD CITY	ANNUAL 5 VEAD
292	Impossible Foods, Inc.	600 949	GALVESTON	REDWOOD CITY	5 YEAR
293	IN-N-OUT BURGER #246		Veterans	Redwood City	2 YEAR
294	INTEGRATED DNA TECHNOLOGIES INC	200	CHESAPEAKE	REDWOOD CITY	2 YEAR

. 0				Total businesses.	0+3
	Name	Street Number	Street Name	City	Frequency
295	J & G LIQUORS	1402	MAIN	REDWOOD CITY	2 YEAR
296	J & J AUTO DETAILERS	2824	MIDDLEFIELD	REDWOOD CITY	2 YEAR
297	JACK IN THE BOX #438	3199	EL CAMINO REAL	REDWOOD CITY	2 YEAR
298	JACK IN THE BOX #469	986	WOODSIDE	REDWOOD CITY	2 YEAR
299	JACK IN THE BOX #525	1205	BROADWAY	REDWOOD CITY	2 YEAR
300	JAMBA JUICE #45	220	REDWOOD SHORES	REDWOOD CITY	2 YEAR
301	JAMBA JUICE #69	1007	EL CAMINO REAL	REDWOOD CITY	2 YEAR
302	JC AUTO BODY	2945	MIDDLEFIELD	REDWOOD CITY	2 YEAR
303	JESUS AUTO REPAIR GARAGE	2701	BUCKINGHAM	REDWOOD CITY	2 YEAR
304	JIFFY LUBE	640	WHIPPLE	REDWOOD CITY	2 YEAR
305	JIM LORD LANDSCAPE SERVICE	851	CHARTER	REDWOOD CITY	2 YEAR
306	JOES FOREIGN CAR SERVICES	2847	MIDDLEFIELD	REDWOOD CITY	2 YEAR
307	JOHN BENTLEY RESTAURANT	2915	EL CAMINO REAL	REDWOOD CITY	2 YEAR
308	JON 76	234	EL CAMINO REAL	REDWOOD CITY	2 YEAR
309	JUAN'S AUTO REPAIR	2938	CROCKER	REDWOOD CITY	2 YEAR
310	K & L LIQUORS	3005	EL CAMINO REAL	REDWOOD CITY	2 YEAR
311	KAIGAN SUSHI	3215	OAK KNOLL	REDWOOD CITY	2 YEAR
312	KAISER PERMANENTE HOSPITAL	1150	VETERANS	REDWOOD CITY	2 YEAR
313	KAISER PERMANENTE HOSPITAL - CUP	670	MARSHALL	REDWOOD CITY	2 YEAR
314	KARAKADE THAI CUISINE	593	WOODSIDE	REDWOOD CITY	2 YEAR
315	Kelly Moore Paint Company	1391	WOODSIDE	Redwood City	2 YEAR
316	KEMURI JAPANESE BARU	2616	BROADWAY	REDWOOD CITY	2 YEAR
317	KENNEDY & ALLEN INC	1026	EL CAMINO REAL	REDWOOD CITY	2 YEAR
318	KENNEDY SCHOOL	2521	GOODWIN	REDWOOD CITY	2 YEAR
319	KENTUCKY FRIED CHICKEN	659	WOODSIDE	REDWOOD CITY	2 YEAR
320	KENTUCKY FRIED CHICKEN	204	EL CAMINO REAL	REDWOOD CITY	2 YEAR
321	KEY MARKET	1063	UPTON	REDWOOD CITY	2 YEAR
322	KINGS UNION 76	975	WOODSIDE	REDWOOD CITY	2 YEAR
323	Kmart #4349	1155	Veterans	Redwood City	2 YEAR
324	KNBR TRANSMITTER FACILITY	1410	RADIO	REDWOOD CITY	2 YEAR
325	KOHL'S DEPARTMENT STORE	250	WALNUT	REDWOOD CITY	2 YEAR
326	KRISTI MARIES	318	ARGUELLO	REDWOOD CITY	2 YEAR
327	KUNOS INC	881	DOUGLAS	REDWOOD CITY	2 YEAR
328	KYS AUTO REPAIR	2633	EL CAMINO REAL	REDWOOD CITY	2 YEAR
329	LA CASITA CHILANGA	795	5TH	REDWOOD CITY	2 YEAR
330	LA CASITA CHILANGA #2	761	EL CAMINO REAL	REDWOOD CITY	2 YEAR
331	LA COSTA RESTAURANT	2761	EL CAMINO REAL	REDWOOD CITY	2 YEAR
332	LA ESTRELLITA	2205	MIDDLEFIELD	REDWOOD CITY	2 YEAR
333	LA ROCA	55	5TH	REDWOOD CITY	2 YEAR
334	LA VIGA RESTURANT	1772	BROADWAY	REDWOOD CITY	2 YEAR
335	LAND ROVER	440	CONVENTION	REDWOOD CITY	2 YEAR
336	LEGACY AUTO REPAIR	105	EL CAMINO REAL	REDWOOD CITY	2 YEAR
337	LIFT STATION #25	1599	BRIDGE	REDWOOD CITY	2 YEAR
338	LITTLE MADFISH	1021	EL CAMINO REAL	REDWOOD CITY	2 YEAR
339	LUCIANO CONCRETE CONSTRUCION INC	732	WARRINGTON	REDWOOD CITY	2 YEAR
340	LUCIAS PIZZERIA	1725	WOODSIDE	REDWOOD CITY	2 YEAR
341	Lucky #745	200	Woodside	Redwood City	2 YEAR
342	LV MAR	2042	BROADWAY	REDWOOD CITY	2 YEAR
343	MA CATERING	1714	EL CAMINO REAL	REDWOOD CITY	2 YEAR

Total	Businesses:	849
I OLAI	DUSIIIESSES.	047

	ential racintles List			Total businesses.	0+3
	Name	Street Number	Street Name	City	Frequency
344	MAGIC AUTO PAINT & BODY	417	DUMBARTON	REDWOOD CITY	2 YEAR
345	MAGUIRE CORRECTIONAL FACILITY	330	BRADFORD	REDWOOD CITY	2 YEAR
346	MAIN ST MARKET	804	MAIN	REDWOOD CITY	2 YEAR
347	MANDALOUN RESTAURANT	2021	BROADWAY	REDWOOD CITY	2 YEAR
348	MAPLE STREET CORRECTIONAL CENTER	1300	MAPLE	REDWOOD CITY	2 YEAR
349	MAR Y TIERRA TAQUERIA	1475	BROADWAY	REDWOOD CITY	2 YEAR
350	MARDI GRAS LOUNGE	1628	EL CAMINO REAL	REDWOOD CITY	2 YEAR
351	MARGARITAS	2098	BROADWAY	REDWOOD CITY	2 YEAR
352	MARIAS CAFE	834	5TH	REDWOOD CITY	2 YEAR
353	MARINA STATION	473	SEAPORT	REDWOOD CITY	2 YEAR
354	MARINE SCIENCE INSTITUTE	500	DISCOVERY	REDWOOD CITY	2 YEAR
355	MARSHALLS	2545	EL CAMINO REAL	REDWOOD CITY	2 YEAR
356	MARTINS WEST	831	MAIN	REDWOOD CITY	2 YEAR
357	MAX RESTAURANT	1001	EL CAMINO REAL	REDWOOD CITY	2 YEAR
358	MAYS VIETNAMESE RESTAURANT	2088	BROADWAY	REDWOOD CITY	2 YEAR
359	MCDONALD	185	CHESTNUT	REDWOOD CITY	2 YEAR
360	MCDONALDS	709	WOODSIDE	REDWOOD CITY	2 YEAR
361	MCDONALDS RESTAURANT	536	WHIPPLE	REDWOOD CITY	2 YEAR
362	MERCADITO LATINO	1726	EL CAMINO REAL	REDWOOD CITY	2 YEAR
363	METAL FUSION, INC.	425	HURLINGAME	REDWOOD CITY	2 YEAR
364	MI RANCHO	150	CHARTER	REDWOOD CITY	2 YEAR
365	MILAGROS RESTAURANT	1099	MIDDLEFIELD	REDWOOD CITY	2 YEAR
366	MISTRAL RESTAURANT	370	BRIDGE	REDWOOD CITY	2 YEAR
367	MORELLO METAL FAB INC	811	KAYNYNE	REDWOOD CITY	2 YEAR
368	MOTOLAB	3046	ROLISON	REDWOOD CITY	2 YEAR
369	MOTOR CITY INC.	856	SWEENEY	REDWOOD CITY	2 YEAR
370	MUFFLER EXPRESS	1414	EL CAMINO REAL	REDWOOD CITY	2 YEAR
371	MUNICIPAL SERVICES CTR	1400	BROADWAY	REDWOOD CITY	2 YEAR
372	MUSCARA BROS. PAVING INC	2875	FAIR OAKS	REDWOOD CITY	2 YEAR
373	NARANJOS TAQUERIA	2647	BROADWAY	REDWOOD CITY	2 YEAR
374	NIKKOS MEXIAN GRILL	314-316	ARGUELLO	REDWOOD CITY	2 YEAR
375	NIKKOS MEXICAN GRILL	408	EL CAMINO REAL	REDWOOD CITY	2 YEAR
376	NOAHS BAGELS	1067	EL CAMINO REAL	REDWOOD CITY	2 YEAR
377	Nob Hill #628	2700	REDWOOD SHORES	Redwood City	2 YEAR
378	NOMAS AUTO REPAIR & BODY SHOP	435	DUMBARTON	REDWOOD CITY	2 YEAR
379	NOR CAL COLLISION	2504	EL CAMINO REAL	REDWOOD CITY	2 YEAR
380	NORDIC MOTORS	65	WINSLOW	REDWOOD CITY	2 YEAR
381	NURIS DONUT HOUSE	416	EL CAMINO REAL	REDWOOD CITY	2 YEAR
382	OFFICE MAX	1501	BROADWAY	REDWOOD CITY	2 YEAR
383	OH BABY SUSHI	2139	ROOSEVELT	REDWOOD CITY	2 YEAR
384	Oil Changer #202	2762	El Camino Real	Redwood City	2 YEAR
385	ONCOMED PHARMACEUTICALS INC	800	CHESAPEAKE	REDWOOD CITY	2 YEAR
386	ONE STOP LIQUORS	390	4TH	REDWOOD CITY	2 YEAR
387	ORACLE AMERICA INC	301-501	ISLAND PARK	REDWOOD CITY	2 YEAR
388	ORACLE CORP	100-600	ORACLE	REDWOOD CITY	2 YEAR
389	ORACLE USA INC	10	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
390	ORCHARD SUPPLY HARDWARE	2110	MIDDLEFIELD	REDWOOD CITY	2 YEAR
391	ORCHARD SUPPLY HARDWARE #220	2110	Middlefield	Redwood City	2 YEAR
392	O'Reilly Auto Parts #3474	2411	EL CAMINO REAL	Redwood City	2 YEAR
. / L	O Notiny Auto Fulls #3474	2711	EL OMININO REAL	iteawood oity	Z ILAN

Total	Rusinesses	249
IOTAL	RIIGINECCEC.	ХДЧ

1 010	intial racinties List			Total Businesses.	0-13
	Name	Street Number	Street Name	City	Frequency
393	PABCO GYPSUM	675	SEAPORT	REDWOOD CITY	ANNUAL
394	PACFUL PRINTING & FULFILLMENT	785	BROADWAY	REDWOOD CITY	2 YEAR
395	PACIFIC DINING-CANADA	4200	FARM HILL	REDWOOD CITY	2 YEAR
396	PACIFIC INN	2610	EL CAMINO REAL	REDWOOD CITY	2 YEAR
397	PACIFIC SHORES LIFT STATION #1	1150	SEAPORT	REDWOOD CITY	2 YEAR
398	PACIFIC SHORES LIFT STATION #2	1855	SEAPORT	REDWOOD CITY	2 YEAR
399	PACIFIC SHORES STORM PUMP STA	800	SEAPORT	REDWOOD CITY	2 YEAR
400	PANADERIA Y RESTAURANTE GUATEMALTECA	1509	MAIN	REDWOOD CITY	2 YEAR
401	PAPA JOHNS PIZZA	1201	EL CAMINO REAL	REDWOOD CITY	2 YEAR
402	PARKING GARAGE	400	MIDDLEFIELD	REDWOOD CITY	2 YEAR
403	PARKS & RECREATION	1400	RADIO	REDWOOD CITY	2 YEAR
404	PARTY CITY	1289	VETERANS	REDWOOD CITY	2 YEAR
405	PASTA POMODORO	490	EL CAMINO REAL	REDWOOD CITY	2 YEAR
406	PEARL THERAPEUTICS INC	200	SAGINAW	REDWOOD CITY	2 YEAR
407	PEARL THERAPEUTICS INC	200	CARDINAL	REDWOOD CITY	2 YEAR
408	Pen #2	1050	TWIN DOLPHIN	Redwood City	2 YEAR
409	PENINSULA BUILDING MATERIALS	109	SEAPORT	REDWOOD CITY	2 YEAR
410	PENINSULA CATERING & EVENTS	175	5TH	REDWOOD CITY	2 YEAR
411	PENINSULA COVENANT COMMUNITY CENTER	3623	JEFFERSON	REDWOOD CITY	2 YEAR
412	PENINSULA INFINITI	386	CONVENTION	REDWOOD CITY	2 YEAR
413	PENINSULA LIQUORS	717	EL CAMINO REAL	REDWOOD CITY	2 YEAR
414	PENINSULA MERCEDES	650	BROADWAY	REDWOOD CITY	2 YEAR
415	PENTAIR THERMAL MANAGEMENT	2555	ВАҮ	REDWOOD CITY	ANNUAL
416	PETERSEN PRECISION	611	BROADWAY	REDWOOD CITY	ANNUAL
417	PG&E: BAIR SUBSTATION	255	SEAPORT	Redwood City	2 YEAR
418	PG&E: JEFFERSON SUBSTATION		Cañada Road 1 Mile North	Redwood City	2 YEAR
419	PG&E: LAS PULGAS SUBSTATION		KANSAS	Redwood City	2 YEAR
420	PG&E: REDWOOD CITY SUBSTATION	10	Seaport	REDWOOD CITY	2 YEAR
421	PG&E: SHREDDER SUBSTATION	775	Hinman	REDWOOD CITY	2 YEAR
422	PG&E: WATERSHED SUBSTATION	1	Canada Road Across From L	Redwood City	2 YEAR
423	PHILZ COFFEE	2116	BROADWAY	REDWOOD CITY	2 YEAR
424	PHO 88	711	EL CAMINO REAL	REDWOOD CITY	2 YEAR
425	PHO DONG RESTAURANT	2610	BROADWAY	REDWOOD CITY	2 YEAR
426	PHO TRUONG LONG VIETNAMESE	756	WOODSIDE	REDWOOD CITY	2 YEAR
427	PICENOS COMPLETE AUTO WORKS	1175	SHASTA	REDWOOD CITY	2 YEAR
428	PITA HUB	2300	BAY	REDWOOD CITY	2 YEAR
429	PIZZA AND PINTS	821	WINSLOW	REDWOOD CITY	2 YEAR
430	PIZZA HUT #283335	600	WHIPPLE	REDWOOD CITY	2 YEAR
431	PORT OF REDWOOD CITY (YACHT HA	675	SEAPORT	REDWOOD CITY	2 YEAR
432	PORTAS AUTO BODY	3020	ROLISON	REDWOOD CITY	2 YEAR
433	POST & TRELLIS	2645	FAIR OAKS	REDWOOD CITY	ANNUAL
434	PRECISION AUTO REPAIR CENTER	110	PINE	REDWOOD CITY	2 YEAR
435	PRECISION TUNE AUTO CARE	1304	EL CAMINO REAL	REDWOOD CITY	2 YEAR
436	PREMIER AUTO COLLISON	1612	EL CAMINO REAL	REDWOOD CITY	2 YEAR
437	PRESS RITE CLEANERS	1595	WOODSIDE	REDWOOD CITY	2 YEAR
438	PRO CARE	1704	INDUSTRIAL	REDWOOD CITY	2 YEAR
439	PRONTO PIZZERIA & ROTISSERIE	2560	EL CAMINO REAL	REDWOOD CITY	2 YEAR
440	Propel Fuels, Inc. (202024)	503	WHIPPLE	Redwood City	2 YEAR
441	PT OF RC-USED OIL COLLECTION CTR	451	SEAPORT	REDWOOD CITY	2 YEAR
	1 312 332223.1011 0111	I	I	1	

Total	Rusinesses:	940
IOTAL	RIIGINECCEC.	XAY

	sittai i aciiities List			Total businesses.	0-13
	Name	Street Number	Street Name	City	Frequency
142	PULGAS DECHLORAMINATION FAC/PUMP ST	66	CANADA RD-S OF HWY 92	REDWOOD CITY	2 YEAR
443	PULMONX CORPORATION	700	CHESAPEAKE	REDWOOD CITY	ANNUAL
144	PURPLETIE	500	HOWLAND	REDWOOD CITY	2 YEAR
145	PUTNAM LEXUS	390	CONVENTION	REDWOOD CITY	2 YEAR
446	QUALITY AUTO BODY & PAINT	3012	SPRING	REDWOOD CITY	2 YEAR
447	QUALITY COACHWORKS LTD	411	WOODSIDE	REDWOOD CITY	2 YEAR
448	QUICKLY	300	WALNUT	REDWOOD CITY	2 YEAR
449	QUINTO SOL RESTAURANT	2201	BROADWAY	REDWOOD CITY	2 YEAR
450	QUONG LEE PENINSULA CLEANING SVCS	1681	BROADWAY	REDWOOD CITY	2 YEAR
451	R & D GAS AND FOOD MART	2215	EL CAMINO REAL	REDWOOD CITY	2 YEAR
452	RACK & ROLL BBQ SHACK	20	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
153	RAYS AUTO REPAIR, INC.	2333	EL CAMINO REAL	REDWOOD CITY	2 YEAR
154	RECYCLED WATER PLANT	1402	RADIO	REDWOOD CITY	2 YEAR
155	REDWOOD 76	1603	BROADWAY	REDWOOD CITY	2 YEAR
456	REDWOOD CITY POLICE DEPARTMENT	1301	MAPLE	REDWOOD CITY	2 YEAR
157	Redwood City School District(Maintenance and	601	JAMES	REDWOOD CITY	2 YEAR
458	REDWOOD CITY SCHOOL WAREHOUSE	501	JAMES	REDWOOD CITY	2 YEAR
459	REDWOOD GENERAL TIRE SERVICE	1630	BROADWAY	REDWOOD CITY	2 YEAR
460	REDWOOD GRILL	356	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
461	REDWOOD MINI MARKET	2775	EL CAMINO REAL	REDWOOD CITY	2 YEAR
162	REDWOOD RENTAL & REPAIR	2336	EL CAMINO REAL	REDWOOD CITY	2 YEAR
163	REDWOOD ROLLER RINK	1303	MAIN	REDWOOD CITY	2 YEAR
164	REDWOOD SHORES AREA #A	1000	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
465	REDWOOD SHORES CLEANERS	370	BRIDGE	REDWOOD CITY	2 YEAR
466	REDWOOD SHORES STATION #15	333	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
467	REDWOOD TOUCHLESS CAR WASH	215	EL CAMINO REAL	REDWOOD CITY	2 YEAR
468	RELYPSA INC	100	CARDINAL	REDWOOD CITY	2 YEAR
469	RENDEVOUS CAFE	350	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
470	Revolution Medicine	700	Saginaw	Redwood City	2 YEAR
471	REYES AUTO REPAIR	725	WARRINGTON	REDWOOD CITY	2 YEAR
472	RICKSHAW CHINESE RESTAURANT	1483	BROADWAY	REDWOOD CITY	2 YEAR
473	Rite Aid #5892	340	Woodside	Redwood City	2 YEAR
174	RITE AID #5893	2150	ROOSEVELT	REDWOOD CITY	2 YEAR
175	ROBERTS & BRUNE	939	BROADWAY	REDWOOD CITY	2 YEAR
176	ROCK N WRAPS	2053	BROADWAY	REDWOOD CITY	2 YEAR
177	ROCKET FUEL	1900	SEAPORT	REDWOOD CITY	2 YEAR
178	ROCKY'S BODY SHOP	1175	SHASTA	REDWOOD CITY	2 YEAR
479	RON CHUCK ENGINEERING	375	CONVENTION	REDWOOD CITY	2 YEAR
480	ROOSEVELT LIQUOR & GROCERY	1700	EL CAMINO REAL	REDWOOD CITY	2 YEAR
181	Roosevelt Shell	2108	Roosevelt	Redwood City	2 YEAR
182	ROSITAS TACO STOP	1515	WOODSIDE	REDWOOD CITY	2 YEAR
183	Ross Dress For Less #0005	150	Woodside	Redwood City	2 YEAR
184	ROUND TABLE PIZZA	128	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
185	ROUTE 66 ROADSIDE SERVICE	1207	SHASTA	REDWOOD CITY	2 YEAR
186	ROYAL CLEANERS	902	WHIPPLE	REDWOOD CITY	2 YEAR
187	ROYS CLEANER	1100	EL CAMINO REAL	REDWOOD CITY	2 YEAR
188	RUSH HOUR CATERING	1757	BAYSHORE	REDWOOD CITY	2 YEAR
189	RWC AUTO REPAIR	400	WARRINGTON	REDWOOD CITY	2 YEAR
490	RWC UNDERGROUND PUB	2650	BROADWAY	REDWOOD CITY	2 YEAR

Total	Rusinesses:	9/10
I OI AI	DUVIDESSES:	749

. 000	ential racinties List			Total Businesses.	043
	Name	Street Number	Street Name	City	Frequency
491	Safeway 0305	1071	EL CAMINO REAL	Redwood City	2 YEAR
192	Safeway 0747	850	Woodside	Redwood City	2 YEAR
193	SAKANA SUSHI	2432	BROADWAY	REDWOOD CITY	2 YEAR
194	SAKURA	2198	BROADWAY	REDWOOD CITY	2 YEAR
495	SAKURA 2	373	MAIN	REDWOOD CITY	2 YEAR
496	SALLY BEAUTY SUPPLY	1351	BROADWAY	REDWOOD CITY	2 YEAR
197	SAN MATEO COUNTY CORP YARD	752	CHESTNUT	REDWOOD CITY	2 YEAR
498	SAN MATEO COUNTY MOTOR POOL	752	CHESTNUT	REDWOOD CITY	2 YEAR
499	SANCHOS TAQUERIA	3205	OAK KNOLL	REDWOOD CITY	2 YEAR
500	SANDPIPER SCHOOL	801	REDWOOD SHORES	REDWOOD CITY	2 YEAR
501	SANZ BODY SHOP	3150	ROLISON	REDWOOD CITY	2 YEAR
502	SATELLITE DIALYSIS	1410	MARSHALL	REDWOOD CITY	2 YEAR
503	SBASTIANS COFFEE AND TEA	1725	WOODSIDE	REDWOOD CITY	2 YEAR
504	SEA LINK CAFE	399	MARINE	REDWOOD CITY	2 YEAR
505	SEAPORT LIFT STATION #2	501	GALVESTON	REDWOOD CITY	2 YEAR
506	SEAPORT PUMP STATION #3	207	PENOBSCOT	REDWOOD CITY	2 YEAR
507	SEAPORT REFINING & ENV LLC	679	SEAPORT	REDWOOD CITY	ANNUAL
508	SELTZER SISTERS	816	CHARTER	REDWOOD CITY	2 YEAR
509	SEQUOIA BILLIARD SUPPLY	885	HURLINGAME	REDWOOD CITY	2 YEAR
510	SEQUOIA HEALTH SERVICES	170	ALAMEDA DE LAS PULGAS	REDWOOD CITY	2 YEAR
511	SEQUOIA HIGH SCHOOL	1201	BREWSTER	REDWOOD CITY	2 YEAR
512	SEQUOIA HIGH SCHOOL EXPRESSWAY	1201	BREWSTER	REDWOOD CITY	2 YEAR
513	SEQUOIA YACHT CLUB	441	SEAPORT	REDWOOD CITY	2 YEAR
514	SEVEN ELEVEN STORE #14339	895	5TH	REDWOOD CITY	2 YEAR
515	SEVEN ELEVEN STORE 2366-25411C	460	WOODSIDE	REDWOOD CITY	2 YEAR
516	SEWER LIFT STATION #1	100	MARINE PARKWAY	REDWOOD CITY	2 YEAR
517	SEWER LIFT STATION #10	747	DAVIT	REDWOOD CITY	2 YEAR
518	SEWER LIFT STATION #12	790	MARINE WORLD	REDWOOD CITY	2 YEAR
519	SEWER LIFT STATION #17	11	AVOCET	REDWOOD CITY	2 YEAR
520	SEWER LIFT STATION #19		SHEARWATER @ HAMPTON/SHOA	REDWOOD CITY	2 YEAR
521	SEWER LIFT STATION #2	600	MARINE WORLD	REDWOOD CITY	2 YEAR
522	SEWER LIFT STATION #22	999	REDWOOD SHORES	REDWOOD CITY	2 YEAR
523	SEWER LIFT STATION #3	512	TRIDENT	REDWOOD CITY	2 YEAR
524	Sherwin-Williams #8516	696	BROADWAY	REDWOOD CITY	2 YEAR
525	SIGONAS FARMERS MARKET	2345	MIDDLEFIELD	REDWOOD CITY	2 YEAR
526	SILICON VALLEY CLEAN WATER	1400	Radio	Redwood City	2 YEAR
527	SIMS METAL MANAGEMENT	699	SEAPORT	REDWOOD CITY	ANNUAL
528	SIRENA MOWER SHOP	91	5TH	REDWOOD CITY	2 YEAR
529	SIZZLER	1011	VETERANS	REDWOOD CITY	2 YEAR
530	Smart & Final # 410	1185	Broadway	Redwood City	2 YEAR
531	SMCO THHW	1400	BROADWAY	REDWOOD CITY	2 YEAR
532	SODINIS	727	EL CAMINO REAL	REDWOOD CITY	2 YEAR
533	SPECIALTY ALIGNMENT & BRAKES	1011	DOUGLAS	REDWOOD CITY	2 YEAR
534	SPECIALTYS CAFE & BAKERY	1100	ISLAND	REDWOOD CITY	2 YEAR
535	SPECIALTYS CAFE AND BAKERY	701	CHESAPEAKE	REDWOOD CITY	2 YEAR
536	SPEED AND COLOR BODY SHOP	20	DILLER	REDWOOD CITY	2 YEAR
537	SPEEDEE OIL CHANGE	550	VETERANS	REDWOOD CITY	2 YEAR
538	SPEEDERIA PIZZERIA	3201	OAK KNOLL	REDWOOD CITY	2 YEAR
539	SQUEEZE INN	3710	FLORENCE	REDWOOD CITY	2 YEAR

<b>Total Businesses:</b>	849
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	ential racintles List			Total businesses.	0.5
	Name	Street Number	Street Name	City	Frequency
540	STACKS RESTAURANT	314	EL CAMINO REAL	REDWOOD CITY	2 YEAR
541	STANFORD MEDICINE OUTPATIENT CTR	420-450	BROADWAY	REDWOOD CITY	2 YEAR
542	STARBUCKS COFFEE	400	WALNUT	REDWOOD CITY	2 YEAR
543	STARBUCKS COFFEE	1900	EL CAMINO REAL	REDWOOD CITY	2 YEAR
544	STARBUCKS COFFEE	490	EL CAMINO REAL	REDWOOD CITY	2 YEAR
545	STARBUCKS COFFEE	264	REDWOOD SHORES	REDWOOD CITY	2 YEAR
546	STARBUCKS COFFEE	1045	EL CAMINO REAL	REDWOOD CITY	2 YEAR
547	STARBUCKS COFFEE CO 6585	995	MARSH MANOR	REDWOOD CITY	2 YEAR
548	STEM CELL THERANOSTICS	640	GALVESTON	REDWOOD CITY	2 YEAR
549	STEVES CAFE & CATERING	303	TWIN DOLPHIN	REDWOOD CITY	2 YEAR
550	STUDEBAKERS WEST	335	CONVENTION	REDWOOD CITY	2 YEAR
551	STUTTGART MOTORS	2315	EL CAMINO REAL	REDWOOD CITY	2 YEAR
552	SUBWAY SANDWICHES & SALADS #2622	1926	EL CAMINO REAL	REDWOOD CITY	2 YEAR
553	SUHSD/TRANSPORTATION	480	James	REDWOOD CITY	2 YEAR
554	SUHSD/Transportation (Redwood City, CA)	1090	Mills	Redwood City	2 YEAR
555	SUISHA HOUSE	2053	BROADWAY	REDWOOD CITY	2 YEAR
556	SUMMIT COFFEE	2137	ROOSEVELT	REDWOOD CITY	2 YEAR
557	SUMMIT PREPARATORY CHARTER H S	890	BROADWAY	REDWOOD CITY	2 YEAR
558	SUPER PURE WATER	826	5TH	REDWOOD CITY	2 YEAR
559	SUSHI PLUS	30	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
560	SVCW Redwood City Pump Station	1581	MAPLE	REDWOOD CITY	2 YEAR
561	SWEET55	897	BARRON	REDWOOD CITY	2 YEAR
562	SWIMMING POOL PERFECTIONS	629	BAIR ISLAND	REDWOOD CITY	2 YEAR
563	SYNTHEGO CORP	3696	HAVEN	REDWOOD CITY	2 YEAR
564	TACO BELL #30787	2693	EL CAMINO REAL	REDWOOD CITY	2 YEAR
565	TACO BELL #30791	1103	VETERANS	REDWOOD CITY	2 YEAR
566	TACOS EL CAMINO RESTAURANT	2627	EL CAMINO REAL	REDWOOD CITY	2 YEAR
567	TACOS EL GRULLENSE #1	1243	MIDDLEFIELD	REDWOOD CITY	2 YEAR
568	TACOS EL GRULLENSE #3	795	5TH	REDWOOD CITY	2 YEAR
569	TACOS EL GRULLENSE E & E	999	EL CAMINO REAL	REDWOOD CITY	2 YEAR
570	TACOS LOS GEMELOS	1630	EL CAMINO REAL	REDWOOD CITY	2 YEAR
571	TAFT SCHOOL	903	10TH	REDWOOD CITY	2 YEAR
572	TALK OF BROADWAY	2096	BROADWAY	REDWOOD CITY	2 YEAR
573	TAQUERIA EL GRULLENSE	1280	EL CAMINO REAL	REDWOOD CITY	2 YEAR
574	TARGET T0321	2485	EL CAMINO REAL	Redwood City	2 YEAR
575	TE CONNECTIVITY	501	OAKSIDE	REDWOOD CITY	ANNUAL
576	TEATIME	1003	EL CAMINO REAL	REDWOOD CITY	2 YEAR
577	TECHSHOP MID-PENINSULA	2415	BAY	REDWOOD CITY	2 YEAR
578	THAI HOUSE	1742	EL CAMINO REAL	REDWOOD CITY	2 YEAR
579	THAIBODIA	910	WOODSIDE	REDWOOD CITY	2 YEAR
580	THE BLACKSMITH	2048	BROADWAY	REDWOOD CITY	2 YEAR
581	THE DESSERT STUDIO	3716	FLORENCE	REDWOOD CITY	2 YEAR
582	THE GRILL HOUSE	246	REDWOOD SHORES	REDWOOD CITY	2 YEAR
583	The Habit Burger Grill 143	1111	EL CAMINO REAL	Redwood City	2 YEAR
584	THE LATIN CLUB	2651	EL CAMINO REAL	REDWOOD CITY	2 YEAR
585	THE MECHANIC	48	LAUREL	REDWOOD CITY	2 YEAR
586	THE OLD SPAGHETTI FACTORY	2107	BROADWAY	REDWOOD CITY	2 YEAR
587	THE PATIO CAFE	1	LAGOON	REDWOOD CITY	2 YEAR
588	THE PATTY SHACK	909	MAIN	REDWOOD CITY	2 YEAR

Total	Rusinesses:	249
LOTAL	Businesses:	849

1 00	Ential Facilities List			Total businesses.	0+3
	Name	Street Number	Street Name	City	Frequency
589	THE SADDLE ROOM	1607	WOODSIDE	REDWOOD CITY	2 YEAR
590	THE SPOT ASIAN KITCHEN	240	REDWOOD SHORES	REDWOOD CITY	2 YEAR
591	THE STRIPED PIG	917	MAIN	REDWOOD CITY	2 YEAR
592	THE VITAMIN SHOPPE	1200	EL CAMINO REAL	REDWOOD CITY	2 YEAR
593	TIMBER AND SALT	881	MIDDLEFIELD	REDWOOD CITY	2 YEAR
594	TITO'S AUTO REPAIR	2121	EL CAMINO REAL	REDWOOD CITY	2 YEAR
595	TOGOS	242	REDWOOD SHORES	REDWOOD CITY	2 YEAR
596	TOGOS AND BASKIN ROBBINS	1501	EL CAMINO REAL	REDWOOD CITY	2 YEAR
597	TOP METAL DESIGNS	831	SWEENEY	REDWOOD CITY	2 YEAR
598	TORRES AUTO REPAIR	2905	FLOOD	REDWOOD CITY	2 YEAR
599	TOWNE AUTO BODY	111	CEDAR	REDWOOD CITY	2 YEAR
600	TOWNE FORD SALES	1601	EL CAMINO REAL	REDWOOD CITY	2 YEAR
601	TOY AUTO CLINIC	35	HAZEL	REDWOOD CITY	2 YEAR
602	ТОУОТА 101	525	BAYSHORE	REDWOOD CITY	2 YEAR
603	TOYOTA SCION SPECIALIST	61	WILLOW	REDWOOD CITY	2 YEAR
604	Traffic / Small Claims Annex JCC #41-A2	500	County	Redwood City	5 YEAR
605	TRAGON CORP	350	BRIDGE	REDWOOD CITY	2 YEAR
606	TRANS AUTO REPAIR	610	BROADWAY	REDWOOD CITY	2 YEAR
607	TURFSIDE GRILL	3151	EDISON	REDWOOD CITY	2 YEAR
608	TWELVE	250	CHESAPEAKE	REDWOOD CITY	2 YEAR
609	U S CHINESE FOOD	2490	EL CAMINO REAL	REDWOOD CITY	2 YEAR
610	U-Haul Moving & Storage of Redwood City	2200	EL CAMINO REAL	Redwood City	2 YEAR
511	ULTRA SONIC DE BURRING INC	2500	BAY	REDWOOD CITY	2 YEAR
612	UNA MAS MEXICAN GRILL	224	REDWOOD SHORES	REDWOOD CITY	2 YEAR
613	Univar USA Inc.	525	Seaport	Redwood City	ANNUAL
614	VALERO	795	5TH	REDWOOD CITY	2 YEAR
615	VALLEY MARKET AND GAS	2303	SPRING	REDWOOD CITY	2 YEAR
616	VERA CASH MARKET	400	VERA	REDWOOD CITY	2 YEAR
617	Verizon Business: RDWDCA		EL CAMINO N OF WHIPPLE	REDWOOD CITY	2 YEAR
618	Verizon Wireless Alameda Jefferson	2325	Euclid	Redwood City	2 YEAR
619	Verizon Wireless Hwy 101 Seaport	10	Seaport	Redwood City	2 YEAR
620	Verizon Wireless Hwy 101 Whipple	350	Convention	Redwood City	2 YEAR
621	Verizon Wireless Palo Alto	2801	Crocker	Redwood City	2 YEAR
622	Verizon Wireless Pulgas Massachusetts	2055	Woodside	Redwood City	2 YEAR
623	Verizon Wireless Redwood City Downtown	1451	EL CAMINO REAL	Redwood City	2 YEAR
624	Verizon Wireless San Carlos Airport	201	REDWOOD SHORES	Redwood City	2 YEAR
625	Verizon Wireless Seaport East	1300	Seaport	Redwood City	5 YEAR
626	Verizon Wireless Woodside Road	1835	Valota	Redwood City	2 YEAR
627	VERTEX MECHANICAL INC	730	BROADWAY	REDWOOD CITY	2 YEAR
628	Veterans Shell #148	690	VETERANS	REDWOOD CITY	2 YEAR
629	VINO SANTO BISTRO	2030	BROADWAY	REDWOOD CITY	2 YEAR
630	VKK SIGNMAKERS, INC	820	SWEENEY	REDWOOD CITY	2 YEAR
631	VRI	500	ARGUELLO	REDWOOD CITY	2 YEAR
632	WAREHOUSE DEMO SERVICES # 1042	2300	MIDDLEFIELD	REDWOOD CITY	2 YEAR
633	WENDYS OLD FASHIONED HAMBURGER	1852	EL CAMINO REAL	REDWOOD CITY	2 YEAR
634	WEST COAST COLLISION	525	STANDISH	REDWOOD CITY	2 YEAR
635	WEST VALLEY	809	HURLINGAME	REDWOOD CITY	2 YEAR
636	WEST VALLEY CONSTRUCTION	828	HURLINGAME	REDWOOD CITY	2 YEAR
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Total Businesses:	849
City	Frequen

rou	ential racinities List			iotai busillesses.	045
	Name	Street Number	Street Name	City	Frequency
638	WHIPPLE ARCO	504	WHIPPLE	REDWOOD CITY	2 YEAR
639	WHIPPLE AUTO SERVICE	503	WHIPPLE	REDWOOD CITY	2 YEAR
640	WHIPPLE CHEVRON	585	WHIPPLE	REDWOOD CITY	2 YEAR
641	Whipple Shell	639	WHIPPLE	REDWOOD CITY	2 YEAR
642	Whole Foods Market - Redwood City	1250	JEFFERSON	Redwood City	2 YEAR
643	WILLOW MARKET	37	WILLOW	REDWOOD CITY	2 YEAR
644	WINGSTOP RESTAURANT	1918	EL CAMINO REAL	REDWOOD CITY	2 YEAR
645	WOODSIDE AUTO & TIRE INC	333	WOODSIDE	REDWOOD CITY	2 YEAR
646	WOODSIDE CLEANERS	317	WOODSIDE	REDWOOD CITY	2 YEAR
647	WOODSIDE DELICATESSEN	1453	WOODSIDE	REDWOOD CITY	2 YEAR
648	WOODSIDE GASOLINE INC	710	WOODSIDE	REDWOOD CITY	2 YEAR
649	WOODSIDE MANOR LIQUORS	524	WOODSIDE	REDWOOD CITY	2 YEAR
650	Woodside Manor Shell #176	582	WOODSIDE	REDWOOD CITY	2 YEAR
651	WOODSIDE SHELL	1667	WOODSIDE	REDWOOD CITY	2 YEAR
652	YAT SING RESTAURANT	38	WOODSIDE PLAZA	REDWOOD CITY	2 YEAR
653	YUMI YOGURTS	947	EL CAMINO REAL	REDWOOD CITY	2 YEAR
654	ZADNA	2653	BROADWAY	REDWOOD CITY	2 YEAR
655	ZAZZLE, INC	1800	SEAPORT	REDWOOD CITY	2 YEAR
656	ZIPOTES PUPUSERIA	828	5TH	REDWOOD CITY	2 YEAR
657	CAPNIA, INC.	3	TWIN DOLPHIN DR. # 160	REDWOOD CITY	5 YEAR
558	CARPET MAINTENANCE SUPPLY	1475	VETERANS BLVD.	REDWOOD CITY	5 YEAR
559	MATADOR	1416	JEFFERSON AVE	REDWOOD CITY	5 YEAR
660	SAN LUIS AUTO GLASS	3017	MIDDLEFIELD RD.	REDWOOD CITY	5 YEAR
661	BARAJAS MASONRY	3514	MISSION VIEW DR	REDWOOD CITY	5 YEAR
662	CALIFORNIA MASONRY	1021	MARSH RD.	REDWOOD CITY	5 YEAR
663	COYLE MASONRY INC	1340	SAINT FRANCIS ST.	REDWOOD CITY	5 YEAR
664	NATURAL STONES, INC.	3608	BAY RD.	REDWOOD CITY	5 YEAR
665	BEST MARBLE	230	PINE ST	REDWOOD CITY	5 YEAR
666	CAST IN STONE	745	WARRINGTON AVE.	REDWOOD CITY	5 YEAR
667	JACQUES CHETRIT TILE	405	WEMBLEY CT.	REDWOOD CITY	5 YEAR
668	JB TILE & STONE, INC.	509	HOWLAND ST.	REDWOOD CITY	5 YEAR
669	JC TILE	615	DOUGLAS AVE.	REDWOOD CITY	5 YEAR
670	MITCHELL TILE CO.	211	HILLVIEW AVENUE	REDWOOD CITY	5 YEAR
671	STEWART TILE, INC.	356	QUAY LANE	REDWOOD CITY	5 YEAR
672	TAPIA TILE & MARBLE	1023	HAVEN AVE.	REDWOOD CITY	5 YEAR
673	ALL AMERICAN EQUIPMENT RENTAL,LLC	901	SHASTA ST.	REDWOOD CITY	5 YEAR
674	COUGAR CONCRETE DRILLING SOLUTIONS	145	ROOSEVELT AVE. # 49	REDWOOD CITY	5 YEAR
675	KVT SERVICES	427	SAMSON STREET #B	REDWOOD CITY	5 YEAR
676	MARCAN ENTERPRISE, INC.	1155	BROADWAY SUITE 105	REDWOOD CITY	5 YEAR
677	MURRAY WEBER TRACTOR SERVICE	867	2ND AVE.	REDWOOD CITY	5 YEAR
678	REDWOOD RENTAL AND REPAIR	2336	EL CAMINO REAL	REDWOOD CITY	5 YEAR
579	TEXEIRA BACKHOE SERVICE	204	E STREET	REDWOOD CITY	5 YEAR
680	3CI SYSTEMS INTEGRATION INC.	902	WILMINGTON WAY	REDWOOD CITY	5 YEAR
681	ALFRED JOSEPH LANDSCAPING INC.	1011	TAFT ST.	REDWOOD CITY	5 YEAR
682	ALL FENCE CO. INC.	1900	SPRING ST, RC	REDWOOD CITY	5 YEAR
683	AM TELTEK, INC	20221	SKYLINE BLVD.	REDWOOD CITY	5 YEAR
684	ARC ONE METALS	617	VETERANS BLVD.	REDWOOD CITY	5 YEAR
685	CLEARLINE POOLS INC	1755	EAST BAYSHORE RD.	REDWOOD CITY	5 YEAR
686	CREATIVE AGI, INC	701	HURLINGAME AVE.	REDWOOD CITY	5 YEAR

Total	<b>Businesses:</b>	849

FUL	ential racinties List			iotai busillesses.	043
	Name	Street Number	Street Name	City	Frequency
87	DIL BORK COMPANY	629	MACARTHUR AVE.	REDWOOD CITY	5 YEAR
88	ECGY POOLS, INC	629	BAIR ISLAND ROAD #214	REDWOOD CITY	5 YEAR
89	FEATHER RIVER FIRE PROTECTION, INC.	2431	HARDING AVE.	REDWOOD CITY	5 YEAR
90	FRANCISCAN BUILDERS INC.	555	TWIN DOLPHIN DR. # 600	REDWOOD CITY	5 YEAR
91	JOHN ALDRICH & ASSOCIATES	609	PRICE AVE. SUITE 207	REDWOOD CITY	5 YEAR
92	KINGS MOUNTAIN	2995	WOODSIDE RD. # 400-204	REDWOOD CITY	5 YEAR
93	MAIDEN CONSTRUCTION INC	3580	HAVEN AVE. # 1	REDWOOD CITY	5 YEAR
94	MAX NORIEGA BUILDING	443	MADISON AVE.	REDWOOD CITY	5 YEAR
95	MIKE FIRE PROTECTION	3600	HAVEN AVE. # 9	REDWOOD CITY	5 YEAR
96	NICHOLS DIAMOND TOOL, INC.	2625	FAIR OAKS AVENUE	REDWOOD CITY	5 YEAR
97	PASSANISI BLDG. MAINTENANCE	613	OAKRIDGE	REDWOOD CITY	5 YEAR
98	REDWOOD CITY ALARMS	5	ELWOOD ST.	REDWOOD CITY	5 YEAR
9	VKK SIGN MAKERS INC	820	SWEENEY AVE.	REDWOOD CITY	5 YEAR
00	GRECO GRANITE	211	BUCKEYE ST	REDWOOD CITY	5 YEAR
)1	SCAN-TOP	2575	MIDDLEFIELD RD.	REDWOOD CITY	5 YEAR
)2	EXPERT WOODWORKING,INC	924	BROADWAY	REDWOOD CITY	5 YEAR
)3	INNOVATIVE CASEWORK, INC.	2663	FAIR OAKS AVENUE	REDWOOD CITY	5 YEAR
)4	RSP DESIGNS	2812	CROCKER AVE.	REDWOOD CITY	5 YEAR
)5	RUBEN'S CABINET MAKER	1050	BEECH ST. # 102	REDWOOD CITY	5 YEAR
)6	THE SOURCE FINE WOODWORKING	819	5TH AVE.	REDWOOD CITY	5 YEAR
)7	MI PERU PRODUCTS IMPORTS, LLC	1500	INDUSTRIAL WAY SUITE # 100	REDWOOD CITY	5 YEAR
)8	CONTI DIRECT DISTRIBUTING	706	VERA AVE.	REDWOOD CITY	5 YEAR
9	G. S. HALY CO., INC	156	ARCH STREET	REDWOOD CITY	5 YEAR
0	HAROLD L. KING & CO., INC.	1420	STAFFORD ST.	REDWOOD CITY	5 YEAR
1	KIMBERLY FOOD DISTRIBUTION	1321	MARSHALL ST. # 517	REDWOOD CITY	5 YEAR
12	MAGDY WHOLESALE	1405	MARSHALL ST. # 501	REDWOOD CITY	5 YEAR
13	PH7 EXCHANGE	225	ISLEFORD LANE	REDWOOD CITY	5 YEAR
14	LYNGSO GARDEN MATERIALS INC	19	SEAPORT BLVD	REDWOOD CITY	5 YEAR
15	M & M NURSERY	332	WOODSIDE ROAD	REDWOOD CITY	5 YEAR
16	WORLD'S RARE PLANTS	1880	WOODSIDE RD.	REDWOOD CITY	5 YEAR
17	JENNAH TECH LLC	411	LATHROP ST	REDWOOD CITY	5 YEAR
18	BAY AREA BEST LIMO	1321	MARSHALL ST. # 502	REDWOOD CITY	5 YEAR 5 YEAR
19	CHERRY LIMOS	_		REDWOOD CITY	5 YEAR 5 YEAR
20		160 202	CHESTNUT ST.  SAMSON ST. # 106	REDWOOD CITY	5 YEAR 5 YEAR
20	SUNRISE LIMO SERVICES USA LIMOUSINE AND SEDAN SERVICE, LLC			REDWOOD CITY	5 YEAR 5 YEAR
		1057	MADISON AVE.		
22	WIRELESS RIDES  ABOVE THE REST CLEANING SPECIALIST	533	QUARTZ ST.	REDWOOD CITY REDWOOD CITY	5 YEAR 5 YEAR
		1722	HAZEL AVE.	REDWOOD CITY	5 YEAR 5 YEAR
24 25	ACS ADVANCED CLEANING SERVICES	1733	EAST BAYSHORE RD. # 2133	REDWOOD CITY	
25 26	ALL PRO CARPET CLEANING	1096	15TH AVE.	REDWOOD CITY	5 YEAR
20	CESAR'S CARPET CLEANING & JANITORS	1500	EL CAMINO REAL # 317	REDWOOD CITY	5 YEAR
	CLEAN GREEN CARPETS YOUR PETMAID	1017	EL CAMINO REAL # 272 SKIFF CIRCLE		5 YEAR
28	DRY N CLEAN CARPETS	527		REDWOOD CITY	5 YEAR
	ERNIE'S CARPET CLEANING	3141	PAGE ST	REDWOOD CITY	5 YEAR
30	LEWIS CARPET CLEANERS INC	2658	SPRING ST #A	REDWOOD CITY	5 YEAR
31	LUXURY SERVICE	425	OAK AVE.	REDWOOD CITY	5 YEAR
32	MAYLINAS CARPET CLEANING	2801	MARLBOROUGH AVE.	REDWOOD CITY	5 YEAR
33	MIRANDA CARPET CLEANERS	609	MACARTHUR AVE	REDWOOD CITY	5 YEAR
34	NAOMIS MAINTENANCE SERVICES	615	CANYON RD. # 5	REDWOOD CITY	5 YEAR
35	OG STEAM CARPET CLEANING	3109	HOOVER ST.	REDWOOD CITY	5 YEAR

<b>Total Businesses:</b>	849

				Total Busillesses.	073
	Name	Street Number	Street Name	City	Frequency
736	PROCLEAN CARPET CLEANING & FLOOR CARE	770	9TH AVE. # 31	REDWOOD CITY	5 YEAR
737	QUALITECH	3049	HOOVER ST	REDWOOD CITY	5 YEAR
738	REYNALDO CARPET & UPHOLSTERY STEAM CL	220	MADISON AVE. # B	REDWOOD CITY	5 YEAR
739	SPECTRUM CARPET CLEANING	6	норе ст.	REDWOOD CITY	5 YEAR
740	STANLEY STEEMER CARPET CLEANER/SR CRIS	815	2ND AVE	REDWOOD CITY	5 YEAR
741	THE RUG EXPERTS	840	WARRINGTON AVE.	REDWOOD CITY	5 YEAR
742	V & G CARPET AND HOUSECLEANING	507	SEQUOIA AVE.	REDWOOD CITY	5 YEAR
743	VIBRANT CARPET CARE	1017	EL CAMINO REAL #419	REDWOOD CITY	5 YEAR
744	WARMAN & CO.	390	ROBLE AVE.	REDWOOD CITY	5 YEAR
745	AM PM HAULING	510	FLYNN AVE	REDWOOD CITY	5 YEAR
746	HEADWATERS RESOURCES, LLC	876	SEAPORT BLVD.	REDWOOD CITY	5 YEAR
747	RHINO'S HAULING	728	CROMPTON RD.	REDWOOD CITY	5 YEAR
748	VALENCIA SERVICES	960	EMERALD HILL RD.	REDWOOD CITY	5 YEAR
749	GILBERTO REYES	865	BARRON AVE.	REDWOOD CITY	5 YEAR
750	J & G HAULING	1164	18TH AVE, RC	REDWOOD CITY	5 YEAR
751	LUIS'S RECYCLING	104	REDWOOD AVE. # 5	REDWOOD CITY	5 YEAR
752	SEAPORT REFINING & ENVIRONMENTAL	679	SEAPORT BLVD.	REDWOOD CITY	5 YEAR
753	ONE WORLD RECYCLING	2831	SPRING ST.	REDWOOD CITY	5 YEAR
754	SRDC, INC.	199	SEAPORT BLVD.	REDWOOD CITY	5 YEAR
755	CALIFORNIA RECREATION CO	702	BAIR ISLAND RD	REDWOOD CITY	5 YEAR
756	PENINSULA YACHT CLUB	1536	MAPLE ST	REDWOOD CITY	5 YEAR
757	WEST POINT HARBOR	1529	SEAPORT BLVD.	REDWOOD CITY	5 YEAR
758	101 SURF SPORTS	1529	SEAPORT BLVD	REDWOOD CITY	5 YEAR
759	CRUZ TOURS	P.O.	BOX 345	REDWOOD CITY	5 YEAR
760	19 SPORTS	202	DEMI LANE	REDWOOD CITY	5 YEAR
761	SPINNAKER SAILING	451	SEAPORT CT	REDWOOD CITY	5 YEAR
762	AUTO DETAIL FACTORY	275	STAMBAUGH ST. # 5	REDWOOD CITY	5 YEAR
763	CLEARWATER CAR WASH	1641	BROADWAY	REDWOOD CITY	5 YEAR
764	DELTA AUTO DETAILERS	332	CHESTNUT STREET	REDWOOD CITY	5 YEAR
765	MAIN ST SELF SERVE CAR WASH	1385	MAIN ST.	REDWOOD CITY	5 YEAR
766	ROCKY'S MOBILE SERVICE	1021	HILTON ST. #B	REDWOOD CITY	5 YEAR
767	THE NEXT LEVEL	219-B	BUCKEYE ST	REDWOOD CITY	5 YEAR
768	WEST COAST WASH & WAX	2701	WASHINGTON AVE	REDWOOD CITY	5 YEAR
769	WOODSIDE ROAD SELF SERVE CAR WASH	305	WOODSIDE RD.	REDWOOD CITY	5 YEAR
770	ARGO'S WELDING	824	WILLOW ST.	REDWOOD CITY	5 YEAR
771	BAY AREA TREADMILL SERVICE	1505A	SIERRA ST.	REDWOOD CITY	5 YEAR
772	C & C SPRAY EQUIPMENT REPAIR	1501	TACOMA WAY	REDWOOD CITY	5 YEAR
773	ELDORADO FORKLIFT CO., INC.	3582	HAVEN AVE.	REDWOOD CITY	5 YEAR
774	ELITE REFRIGERATION	336	ORCHARD AVE.	REDWOOD CITY	5 YEAR
775	RECYCLING EQUIPMENT REPAIR, INC.	1017	EL CAMINO REAL #356	REDWOOD CITY	5 YEAR
776	RMS MACHINE SERVICE	151	STRATFORD ST	REDWOOD CITY	5 YEAR
777	TEAM NORTH CONSTRUCTION	138	EATON VILLA PL	REDWOOD CITY	5 YEAR
778	WESTERN INDUSTRIAL MACHINE REPAIR, INC	1755	BAYSHORE ROAD EAST #19B	REDWOOD CITY	5 YEAR
779	4 ON YOUR FLOOR	2787	ОНІО	REDWOOD CITY	5 YEAR
780	A DOG'S BEST FRIEND	112	F STREET	REDWOOD CITY	5 YEAR
781	ALL SORTS OF PETS CARE	510	SHANNON WAY # 2105	REDWOOD CITY	5 YEAR
782	BENJI'S BACKYARD	941	TAFT ST.	REDWOOD CITY	5 YEAR
783	BLITZKRIEG DOBEMANNS	245	G ST	REDWOOD CITY	5 YEAR
784	BPK 9U DBA MID PENINSULA BARK BUSTER	505	TRIDENT DR	REDWOOD CITY	5 YEAR

Total	Businesses:	849
IOTAL	Rijsinesses:	X4Y

. 0	ential racinties List			Total Busillesses.	073
	Name	Street Number	Street Name	City	Frequency
785	BRB DOG WALKING	625	OAK AVE.	REDWOOD CITY	5 YEAR
786	CRITTER COMFORTS	9	ODESSA CT	REDWOOD CITY	5 YEAR
787	DOG GONE WALKING	2211	MADISON AVE.	REDWOOD CITY	5 YEAR
788	DOG PARK WITH ME	132	SKYLONDA DR.	REDWOOD CITY	5 YEAR
789	DOG-GONE-GROOMIMG	2211	MADISON AVE.	REDWOOD CITY	5 YEAR
790	FRANCY'S PET GROOMING	650	A EL CAMINO REAL	REDWOOD CITY	5 YEAR
791	FURRY FRIENDS PET SITTING SERVICES	1228	JUNIPERO AVE	REDWOOD CITY	5 YEAR
792	GOOD DOG FOR LIFE	251	LAKEVIEW WAY	REDWOOD CITY	5 YEAR
793	GROOMING WITH TLC	2070	BROADWAY	REDWOOD CITY	5 YEAR
794	HEAVENLY PAWS TRAINING	1811	JEFFERSON AVE	REDWOOD CITY	5 YEAR
795	JUMP'N JAVA AGILITY	1166	VIRGINIA AVE	REDWOOD CITY	5 YEAR
796	KATHE'S CRITTER CARE	108	BONITA AVE	REDWOOD CITY	5 YEAR
797	LET SLEEPING DOGS LIE	2787	OHIO AVE	REDWOOD CITY	5 YEAR
798	MEL'S PET & HOME SERVICES	1134	REDWOOD AVENUE	REDWOOD CITY	5 YEAR
799	MIKE & SHELLY'S PAMPERED PETS	252	G STREET	REDWOOD CITY	5 YEAR
800	PAWSITIVE DOGS	1730	OAK AVE.	REDWOOD CITY	5 YEAR
801	PETCARE AND WALKING SERVICES A.K.A PAW	1336	NORMAN ST.	REDWOOD CITY	5 YEAR
802	PETS IN NEED	871	5TH AVE.	REDWOOD CITY	5 YEAR
803	PUP R US DOG TRAINING AND CARE	1228	RUBY ST.	REDWOOD CITY	5 YEAR
804	RAUL'S GROOMING CENTER	1530	MAIN ST	REDWOOD CITY	5 YEAR
805	SCOOBY-DOOTIES DOG WALKING & PET	1559	OXFORD ST.	REDWOOD CITY	5 YEAR
806	THE CAT COACH	58	IRIS ST	REDWOOD CITY	5 YEAR
307	THE PAWSITIVE PROFESSOR	456	NORTHUMBERLAND AVE.	REDWOOD CITY	5 YEAR
808	WAG HOTELS, INC	1025	HANSEN WAY	REDWOOD CITY	5 YEAR
809	WAGGING TAILS PET SERVICES	629	MACARTHUR AVE.	REDWOOD CITY	5 YEAR
810	MLB WOODWORKING	1021	TAFT ST.	REDWOOD CITY	5 YEAR
811	OCEANIC YACHT SALES, INC	1529	SEAPORT BLVD.	REDWOOD CITY	5 YEAR
812	R SWEETS OF REDWOOD CITY	3524	FARM HILL BLVD #12	REDWOOD CITY	5 YEAR
813	RAMIRO RECYCLING	2771	EL CAMINO REAL	REDWOOD CITY	5 YEAR
814	TRANSIT UNLIMITED SERVICES, LLC	1157	FAIRVIEW AVE.	REDWOOD CITY	5 YEAR
815	WHEY BY J	1260	HAWES ST.	REDWOOD CITY	5 YEAR
816	LUIS AND FELIX RECYCLING	104	REDWOOD AVE. # 5	REDWOOD CITY	5 YEAR
817	MOSAIC GLOBAL TRANSPORTATION	643	BAIR ISLAND RD. # 210	REDWOOD CITY	5 YEAR
818	PARENTING ON THE PENINSULA	1306	KENTFIELD AVE.	REDWOOD CITY	5 YEAR
819	REDBOOTH, INC.	805	VETERANS BLVD. # 322	REDWOOD CITY	5 YEAR
820	ETHERIC NETWORKS, INC.	899	ARGUELLO ST. SUITE A	REDWOOD CITY	5 YEAR
821	GUMSTIX, INC.	460	SEAPORT CT. # 210	REDWOOD CITY	5 YEAR
822	BALSAM HILL LLC	700	JEFFERSON AVE. 2ND FLOOR	REDWOOD CITY	5 YEAR
823	ALDEN CONSTRUCTION	3580	HAVEN AVE. # 4	REDWOOD CITY	5 YEAR
824		1590	TACOMA WAY	REDWOOD CITY	5 YEAR
825	OSCAR GONZALEZ	2870	BLENHEIM AVE.	REDWOOD CITY	5 YEAR
826	PRECISION BUILDERS INC	2653	SPRING ST	REDWOOD CITY	5 YEAR
327	SCHNEBLY BUIDLING & DESIGN	2995	WOODSIDE RD	REDWOOD CITY	5 YEAR
828	LATUS SOLUTIONS INC	303	TWIN DOLPHIN DR. # 600	REDWOOD CITY	5 YEAR
829	MARIGOLD INTERNATIONAL	611	VETERANS BLVD. SUITE 111	REDWOOD CITY	5 YEAR
830	INTERSTATE ALL BATTERY CENTER	570	EL CAMINO REAL # 160	REDWOOD CITY	5 YEAR
831	KYLE'S SERVICE	823	ARGUELLO ST. # 2	REDWOOD CITY	5 YEAR
832	DPR CONSTRUCTION	1450	VETERANS BLVD.	REDWOOD CITY	5 YEAR
833	MI PERU PRODUCTS IMPORTS, LLC	1500	INDUSTRIAL WAY SUITE # 100	REDWOOD CITY	5 YEAR

Potential Facilities List Total Businesses: 8					849
	Name	Street Number	Street Name	City	Frequency
834	CONTI DIRECT DISTRIBUTING	706	VERA AVE.	REDWOOD CITY	5 YEAR
835	G. S. HALY CO., INC	156	ARCH STREET	REDWOOD CITY	5 YEAR
836	HAROLD L. KING & CO., INC.	1420	STAFFORD ST.	REDWOOD CITY	5 YEAR
837	KIMBERLY FOOD DISTRIBUTION	1321	MARSHALL ST. # 517	REDWOOD CITY	5 YEAR
838	MAGDY WHOLESALE	1405	MARSHALL ST. # 501	REDWOOD CITY	5 YEAR
839	PH7 EXCHANGE	225	ISLEFORD LANE	REDWOOD CITY	5 YEAR
840	VIETNAM THUC PHAM	3520	HAVEN AVE. SUITE F	REDWOOD CITY	5 YEAR
841	ALTA WOOD ANIMAL HOSPITAL	955	WOODSIDE ROAD	REDWOOD CITY	5 YEAR
842	JURNEY VETERINARY NEUROLOGY, PC	1017	EL CAMINO REAL # 473	REDWOOD CITY	5 YEAR
843	NINE LIVES FOUNDATION	3137	JEFFERSON AVE.	REDWOOD CITY	5 YEAR
844	PENINSULA MOBILVET	402	UPTON ST.	REDWOOD CITY	5 YEAR
845	SAN FRANCISCO PET IMAGING	410	BREWSTER AVE	REDWOOD CITY	5 YEAR
846	SEQUOIA VETERINARY HOSPITAL, INC.	1409	EL CAMINO REAL	REDWOOD CITY	5 YEAR
847	WHIPPLE AVENUE PET HOSPITAL	635	WHIPPLE AVENUE	REDWOOD CITY	5 YEAR
848	WHIPPLE AVENUE PET HOSPITAL	635	WHIPPLE AVE.	REDWOOD CITY	5 YEAR
849	WOODSIDE VETERINARY CLINIC	1725	WOODSIDE RD. SUITE F	REDWOOD CITY	5 YEAR