



September 30, 2016

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

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2015-16 Annual Report for the City of Richmond, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

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 assure that qualified personnel properly gathered and evaluated 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 fines and imprisonment for knowing violations.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Ryan Smith".

Ryan Smith  
Wastewater/Stormwater Manager

Enclosure: City of Richmond Annual Report

**FY 2015-2016 Annual Report**  
**Permittee Name: City of Richmond**  
**ATTACHMENT B**

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Section 1 – Permittee Information

Background Information					
<b>Permittee Name:</b>	City of Richmond				
<b>Population:</b>	109,000				
<b>NPDES Permit No.:</b>	CAS612008				
<b>Order Number:</b>	R2-2015-0049				
<b>Reporting Time Period (month/year):</b>	July 2015 through June 2016				
<b>Name of the Responsible Authority:</b>	Ryan Smith			<b>Title:</b>	Wastewater/Stormwater Manager
<b>Mailing Address:</b>	450 Civic Center Plaza				
<b>City:</b>	Richmond	<b>Zip Code:</b>	94801	<b>County:</b>	Contra Costa
<b>Telephone Number:</b>	(510) 620-5486		<b>Fax Number:</b>	(510) 307-8116	
<b>E-mail Address:</b>	<a href="mailto:ryan_smith@ci.richmond.ca.us">ryan_smith@ci.richmond.ca.us</a>				
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>				<b>Title:</b>	
<b>Department:</b>					
<b>Mailing Address:</b>					
<b>City:</b>		<b>Zip Code:</b>		<b>County:</b>	
<b>Telephone Number:</b>			<b>Fax Number:</b>		
<b>E-mail Address:</b>					

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:  
 During FY 15/16, the City of Richmond participated in the following activities:

- 1) The City was voting member on the Contra Costa Clean Water Program's (CCCWP's) Municipal Operations Committee.
- 2) The City of Richmond, Department of Public Works performed the majority of municipal maintenance activities such as street sweeping, street and road repair, and maintenance, sidewalk/plaza maintenance and pavement washing, bridge and structure maintenance and graffiti removal. Public Works staff trained and followed best management practices stated in stormwater pollution prevention plan.
- 3) The City of Richmond's stormwater collection system is maintained by its contractor, Veolia Water International. Pump stations maintained prior to rainy season and after each rain event during rainy season such that litters removed and oil boom replaced.
- 4) Refer to the C.2 Municipal Operations section of the CCCWP's FY 15-16 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

<b>Y</b>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<b>Y</b>	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.
<b>Y</b>	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:  
 NA

**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.

<b>Y</b>	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
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: NA

**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.

<b>Y</b>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<b>Y</b>	Control of discharges from graffiti removal activities
<b>Y</b>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<b>Y</b>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<b>Y</b>	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments: NA

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

<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.

<b>C.2.f. ► Corporation Yard BMP Implementation</b>			
Place an <b>X</b> in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)		
Place 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 applicable, 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 explain in the comments section below:			
<input type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: NA			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Main Corp Yard	9/2/15	All BMPs implemented	None required
Parks and Landscaping Yard	8/24/15	All BMPs implemented	None required

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

**C.3.a. ► New Development and Redevelopment Performance  
Standard Implementation Summary Report**

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

Summary:

- The City of Richmond has the legal authority to implement the C.3 requirements through its Stormwater Ordinance, RMC 12.22.050 Stormwater Control Plan Required.
- The City has a checklist which includes the requirements for C.3. When a proposed project meets the C.3 thresholds, the developers are required to submit stormwater control and operation and maintenance plans to the Water Resource Recovery Department for review and approval prior to permit issuance.
- The City of Richmond, Planning Department reviews the CEQA studies put forth by developers. The reviews include potential effects of development on water quality.
- The City of Richmond staff attended the Contra Costa County-wide training and the CCCWP C3 Guidebook. Refer to the CCCWP's FY 15-16 Annual Report on C.3 training.
- The City of Richmond performed outreach and education to Staff, developers, contractors, construction site operators and owner/builders about C3 requirements through materials posted on the CCCWP website (<http://www.cccleanwater.org/stormwater-c-3-guidebook/>). City staffs meet with the property owners and developers of C.3 regulated projects during planning phase to discuss C.3 requirements.
- The City of Richmond encourages site design measures at unregulated projects subject to Planning/Building Department review through conditions of approval process.
- The City of Richmond encourages source control measures at unregulated projects subject to Planning/Building Department review through the condition of approval process and/or plan review process prior to permit issuances.
- The City of Richmond's General Plan 2030 , adopted on April 25, 2012, chapter 6 discusses surface and ground water quality improvement through implementation of green infrastructures in private and public projects. The Plan also includes maps of local watersheds.

**C.3.b.iv.(2) ► Regulated Projects Reporting**

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.

**C.3.c.ii ► Design Specifications for Pervious Pavement Systems**

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

Summary:  
 The City of Richmond is following the design specifications included in the CCCWP's Stormwater C.3 Guidebook.

**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.?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Comments (optional): NA

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

1. In FY 2015-16, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
2. In FY 2015-16, 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.		<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>

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

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

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

See attached Table C.3.h.v.(2) on for list of newly installed Stormwater Treatment Systems/HM Controls. The information in this table will be provided to the local mosquito and vector control agency by the CCCWP.

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

<b>Option 1 – Reporting Site Inspections</b>	<b>Number/Percentage</b>
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY14-15)	22
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	27
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	8
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	36% <sup>2</sup>
<b>Option 2 – Reporting Stormwater Treatment System Inspections</b>	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	NA
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	NA
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	NA
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	NA

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

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

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

Summary:

The City of Richmond inspected existing stormwater treatment facilities during the FY 2015-2016. These inspections included observations of plant establishment and maintenance, inlet and outlet functions, and litter. Main issues observed during these inspections were overgrown vegetation, clogs of overflow pipes, and presence of litters.

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:

Overall, inspection program is effective. To address issues mentioned above, City staff encouraged private property owners to increase frequency of inspections and maintenance of green infrastructures facilities.

**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:

The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, 6th Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City of Richmond's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

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

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

Summary:

On June 28, 2016, the City of Richmond, Department of Water Resource Recovery presented to City elected officials MRP 2.0 C.3 requirements, including the City's obligation to prepare, adopt and implement Green Infrastructure Plan to address pollutant reduction in stormwater.

Please refer to the CCCWP's FY 15-16 Annual Report for a summary of outreach efforts implemented at the countywide level.

**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.

Summary of Planning or Implementation Status of Identified Projects:

The City of Richmond identifies projects with potential for green infrastructure through processes explained in the BASMAA May 6, 2016 document "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects". Attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B provide the information on the projects assessed by the City.

**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 CCCWP's FY 15-16 Annual Report, Section 3 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 CCCWP's FY 15-16 Annual Report, Section 3 for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location <sup>9</sup> , Street Address	Name of Developer	Project Phase No. <sup>10</sup>	Project Type & Description <sup>11</sup>	Project Watershed <sup>12</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>13</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Pre- Project Impervious Surface Area <sup>15</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Westridge Apartments	2409 Aberdeen Way 3175 South Hampton Ct 2595 Landcaster Dr	Manlo Westridge Affordable Partner	NA	Tenant Improvement of apartment buildings and parking lot improvement	Rheem Creek	3.92 4.85 2.33	1.06 0.74 0.32	11,339 2,988 4,110	9,895 6,586 426	118,490 120,762 67,803	109,934 117,422 69,474
Bottoms Property	Richmond, CA, West of Canal Boulevard, East of Seacliff Drive	Shea Homes LP	NA	Construction of 60 Multi-family townhome units	San Francisco Bay	11.1	9.3	204,732	2,178	12,632	209,088
Atlas Industrial	2995 Atlas Road	2995 Atlas Rd Associates LLC	NA	Construction of single story distribution center with truck dock	San Pablo Bay	41.68	32.6	1,420,000	1,410,000	1,410,000	1,420,000
Garrity Way Apartments	3151 Garrity Way	Home Sweet Home Holdings, LLC	NA	Construction of 4- Story building, 1 story of garage parking and 3 stories of 98 residential apartment units	San Pablo Bay	2.20	1.95	56,092	660	660	56,752
Bay Walk	Richmond, CA, South of Wright Avenue, East Marina Way South	Development Solutions Seascape, LLC	NA	Construction of 95 Multi-Family Units, 93 Single-Family Units	South Richmond Watershed draining to San Francisco	10.0	10.0	0.0	317,988	400,752	317,988

<sup>9</sup>Include cross streets

<sup>10</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".

<sup>11</sup>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>12</sup>State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

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

<sup>15</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>16</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>9</sup> , Street Address	Name of Developer	Project Phase No. <sup>10</sup>	Project Type & Description <sup>11</sup>	Project Watershed <sup>12</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>13</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Pre- Project Impervious Surface Area <sup>15</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )
<b>Public Projects</b>											
Nevin Street Improvement	Nevin St, 19 <sup>th</sup> – 27 <sup>th</sup> St	City of Richmond	None	Street Improvement	Baxter Creek	4.5	4.5	0	9,800	9,800	29,000
Comments: NA											

**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>17</sup>	Application Final Approval Date <sup>18</sup>	Source Control Measures <sup>19</sup>	Site Design Measures <sup>20</sup>	Treatment Systems Approved <sup>21</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>22</sup>	Hydraulic Sizing Criteria <sup>23</sup>	Alternative Compliance Measures <sup>24/</sup> <sup>25</sup>	Alternative Certification <sup>26</sup>	HM Controls <sup>27/28</sup>
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<sup>17</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.

<sup>18</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>19</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>20</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>21</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>22</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>23</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>24</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>25</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>26</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>27</sup>If HM control is not required, state why not.

<sup>28</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), bioretention unit(s), regional detention basin, or in-stream control). P:\Dept\PS-Eng-WasteWater\Stormwater\Annual Reports\2015-2016\Richmond FY 15-16 Annual Report.docx

**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>17</sup>	Application Final Approval Date <sup>18</sup>	Source Control Measures <sup>19</sup>	Site Design Measures <sup>20</sup>	Treatment Systems Approved <sup>21</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>22</sup>	Hydraulic Sizing Criteria <sup>23</sup>	Alternative Compliance Measures <sup>24/ 25</sup>	Alternative Certification <sup>26</sup>	HM Controls <sup>27/28</sup>
<b>Private Projects</b>										
Westridge Apartments	11/12/15	11/12/15	Storm Drain Stenciling, IPM, Drip Irrigation	Stormater run-off from impervious surface drains to Bio- retention facilities and permeabl e pavers	Bio-retentions and permeable pavers	O&M Agreement with landowner	Flow Hydraulic Design Basis – 2.c	NA	NA	NA
Bottoms Property	2/5/2016	9/13/2016	Storm Drain Stenciling, IPM, Drip Irrigation	Stormater run-off from impervious surface drains to Bio- retention facilities	Bio-retentions	O&M Agreement with landowner		NA	NA	NA
Atlas Industrial	9/15/2015	9/15/2015	Storm Drain Stenciling, IPM, Drip Irrigation	Stormater run-off from impervious surface drains to Bio-	Bio-retentions	O&M Agreement with landowner	Flow Hydraulic Design Basis – 2.c	NA	NA	NA

**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>17</sup>	Application Final Approval Date <sup>18</sup>	Source Control Measures <sup>19</sup>	Site Design Measures <sup>20</sup>	Treatment Systems Approved <sup>21</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>22</sup>	Hydraulic Sizing Criteria <sup>23</sup>	Alternative Compliance Measures <sup>24/ 25</sup>	Alternative Certification <sup>26</sup>	HM Controls <sup>27/28</sup>
				retention facilities						
Garrity Way Apartments	3/23/2016	3/23/2016	Storm Drain Stenciling, IPM, Drip Irrigation	Stormwater run-off from impervious surface drains to Bio- retention facilities	Bio-retentions	O&M Agreement with landowner	Flow Hydraulic Design Basis – 2.c	NA	NA	NA
Bay Walk	3/28/2016	3/28/2016	Storm Drain Stenciling, IPM, Drip Irrigation	Stormwater run-off from impervious surface drains to Bio- retention facilities	Bio-retentions	O&M Agreement with landowner	Flow Hydraulic Design Basis – 2.c	NA	NA	NA

**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>29</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>30</sup>	Site Design Measures <sup>31</sup>	Treatment Systems Approved <sup>32</sup>	Operation & Maintenance Responsibility Mechanism <sup>33</sup>	Hydraulic Sizing Criteria <sup>34</sup>	Alternative Compliance Measures <sup>35/36</sup>	Alternative Certification <sup>37</sup>	HM Controls <sup>38/39</sup>
<b>Public Projects</b>										
Nevin Street Improvement Project	October, 2015	October, 2015	Storm Drain Stenciling, IPM, Drip Irrigation	Stormwater run-off from impervious surface drains to Bio- retention facilities	Silva Cells	City of Richmond	Design Basis – 2.c	NA	NA	NA
Comments: NA										

<sup>29</sup>For public projects, enter the plans and specifications approval date.

<sup>30</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>31</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>32</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>33</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>34</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>35</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>36</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>37</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>38</sup>If HM control is not required, state why not.

<sup>39</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), bioretention unit(s), regional detention basin, or in-stream control). P:\Dept\PS-Eng-WasteWater\Stormwater\Annual Reports\2015-2016\Richmond FY 15-16 Annual Report.docx

**C.3.h.v.(2). ► Table of Newly Installed<sup>40</sup> 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>41</sup> For Maintenance	Type of Treatment/HM Control(s)
Hilltop Special School (Aspire Richmond Technology Academy)	3040 Hilltop Mall Rd, Richmond, CA	Hilltop Community Ventures, LLC	Bio-retentions
Harbour View Senior Apartments	25 Harbour Way South, Richmond, CA	Richmond Pacific Associates	Bio-retentions and permeable pavers

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

<sup>41</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 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>36</sup>	Status <sup>37</sup>	Description <sup>38</sup>	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category <sup>39</sup>	LID Treatment Reduction Credit Available <sup>40</sup>	List of LID Stormwater Treatment Systems <sup>41</sup>	List of Non-LID Stormwater Treatment Systems <sup>42</sup>
None	None	None	None	None	None	None	None	None	None	None	None	None

<sup>36</sup>Date that a planning application for the Special Project was submitted.

<sup>37</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>38</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>39</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>40</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>41</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>42</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.

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

Project Name and Location <sup>43</sup>	Project Description	Status <sup>44</sup>	GI Included? <sup>45</sup>	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement <sup>46</sup>
Macdonald Ave Street Improvement Macdonald Ave, Garrard Blvd to Harbour Way	Street and sidewalk improvements	Planned but lack of funding	Yes	Bio-retentions
Cutting Blvd Bioretention Retrofits Cutting Blvd, S 1 <sup>st</sup> - S 4 <sup>th</sup> Streets	Bio-retention retrofits in public right of way to capture sediments (containing PCBs) from street stormwater run-off	Planned but lack of funding	Yes	Bio-retentions
Richmond Ferry Terminal Foot of Marina Way Parkway	Parking lot and dock improvement	Under design	No	GI measures were not proposed as project does not meet C.3 threshold

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

Project Name and Location <sup>47</sup>	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
San Pablo Ave Green Stormwater Spine San Pablo Ave & McBryde Ave	Construction of GIs among jurisdictions located on East Bay corridor. Project managed by San Francisco Estuary Partnership	Estimated completion in October, 2016	Bio-retention
Booker T Anderson Parking	Construction GI at creek	TBD	Bio-retention

<sup>43</sup> List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

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

<sup>45</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>46</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.

<sup>47</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.

Lot Improvement Carlson Blvd & 47 <sup>th</sup> St	bank to mitigate flooding		
Nevin Ave Improvement Project Nevin Ave, 19 <sup>th</sup> – 27 <sup>th</sup> St	Street improvement	October, 2016	Silva Cells
Bay Walk Marina Way S & Wright Ave	Construction of Multi- residential Homes	TBD	Bio-retentions, Permeable Pavers
Shea Homes – Bottoms Property West of Canal Boulevard, East of Seacliff Drive, Richmond, CA.	Construction of Multi- residential Homes	TBD	Bio-retentions
LDK Development 2995 Atlas Road, Richmond, CA	Construction of industrial warehouse	TBD	Bio-retentions
Terminal 1 Residential Community Dornan Dr. & Brickyard Cove	Construction of Multi- residential Homes	TBD	Bio-retentions
Hilltop Apartments Garrity Way & Hilltop Mall Rd	Construction of Multi- residential Homes	TBD	Bio-retentions

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

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

Summary:

- City of Richmond and West County Wastewater District (WCWD) staffs, under contract, conducted 149 inspections resulting in 19 Warnings and 3 Notices of Violation.
- City of Richmond updated its business inspection and facilities lists, and inspection frequencies and priorities.
- City of Richmond and (WCWD) staffs were provided trainings in industrial inspection.
- Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 15-16 Annual Report for a description of activities of the countywide program.

**C.4.b.iii ► Potential Facilities List**

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

See attachment #1

**C.4.d.iii.(1)(a) ► Facility Inspections**

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

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

	Number	Percent
Number of businesses inspected	149	
Total number of inspections conducted	182	
Number of violations (excluding verbal warnings)	3	
Sites inspected in violation	3	100
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	3	100

Comments:

- During inspections, issuances of Notice of Violation occurred when an active non-stormwater pollutant discharge or any activities with the potential of contributing pollutants to City storm collection system observed. Written notices issued and a remediation scheduled. City inspectors

performed follow-up inspections, before the next rain event but no longer than 10 business days, to ensure the discharge eliminated, remediated, and BMPs implemented to prevent future discharges.

- All violations occurred during FY 15-16 resolved before the next rain event but no longer than 10 business days, or otherwise deemed resolved in a longer but still timely manner with written requests, if corrective actions required building permits for construction of structural BMPs.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	3
Potential discharge and other	19
<p>Comments:                      When an active non-stormwater discharge stream observed during an inspection at a particular site, this discharge stream counted as on discharge per source of discharge per inspection per site. A Notice of Violation issued and corrective actions implemented before the next rain event but no longer than 10 business Days, or otherwise deemed resolved in a longer but still timely manner. Three notices of violation and 19 warnings were issued to businesses directly discharging process water to storm collection system, and pollutant exposure, respectively. Follow-up inspections documented corrective actions implemented.</p>	

**C.4.d.iii.(1)(b) ► Frequency and Type of Enforcement Conducted**

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

	Enforcement Action (as listed in ERP) <sup>48</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>49</sup>
Level 1	Written Notice	19	86
Level 2	Notice of Violation	3	14
Level 3	Formal Enforcement (Administrative Fine/Cost Recovery)	0	
Level 4	Legal Action and/or Referral to State and Federal Agencies	0	
<b>Total</b>		22	100

<sup>48</sup>Agencies to list specific enforcement actions as defined in their ERPs.

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

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

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

Business Category <sup>50</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Food Services	2	1
Manufacturing	1	
Vehicle Services		15
Property Management		1
Gas Station		1
Contractor		1

**C.4.d.iii.(1)(d) ▶ Non-Fileers**

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

Rubicon Bakery, 154 S 23<sup>rd</sup> St, Richmond, CA

**C.4.e.iii ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Industrial/Commercial Site Inspectors in Attendance	Percent of Industrial/Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Commercial /Industrial Stormwater Inspection Training Workshop	May 5, 2016	<ul style="list-style-type: none"> <li>Stormwater Inspections under MRP 2.0</li> <li>Inspecting Public Works Corporation Yards</li> <li>Inspecting Mobile Businesses</li> <li>Talkin' Trash</li> </ul>	3	100%	2	100%
Comments: NA						

<sup>50</sup>List your Program's standard business categories.

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:

- City of Richmond Code Enforcement Department performed clean-ups and/or enforced illegal dumping activities as reported during FY 15-16.
- City of Richmond received 9 illicit discharge complaints in the FY 15-16. Three of the nine complaints resulted in discharge to storm drains. These discharges abated immediately before materials reached waterways.
- City of Richmond participated in the CCCWP Municipal Operations Committee.
- Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 15-16 Annual Report for description of activities conducted at the countywide and regional level.

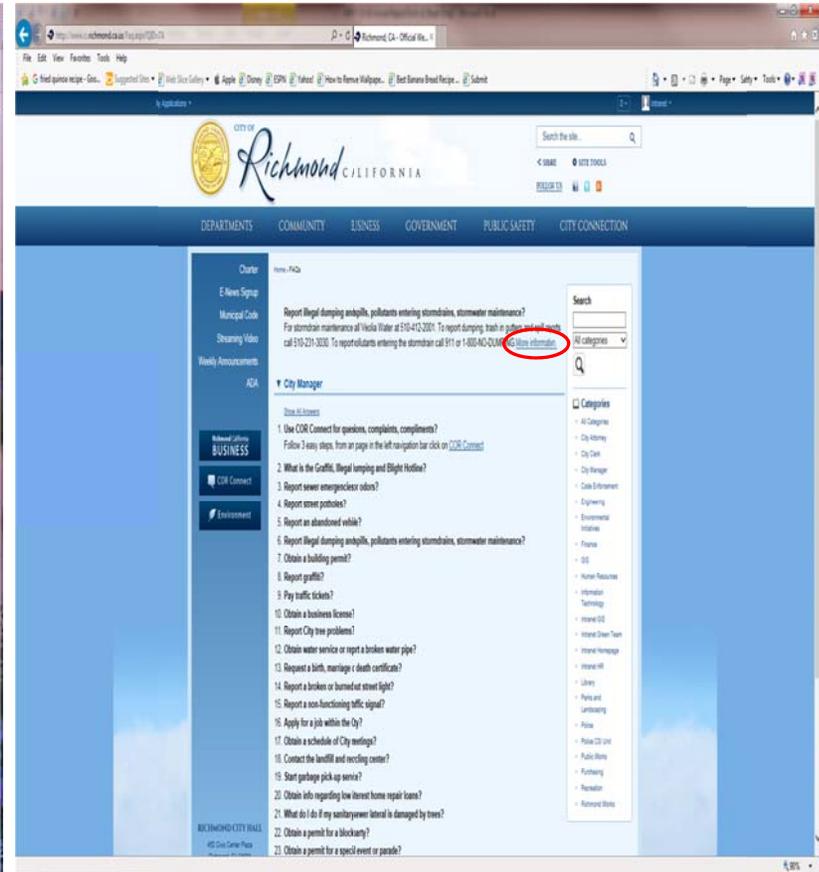
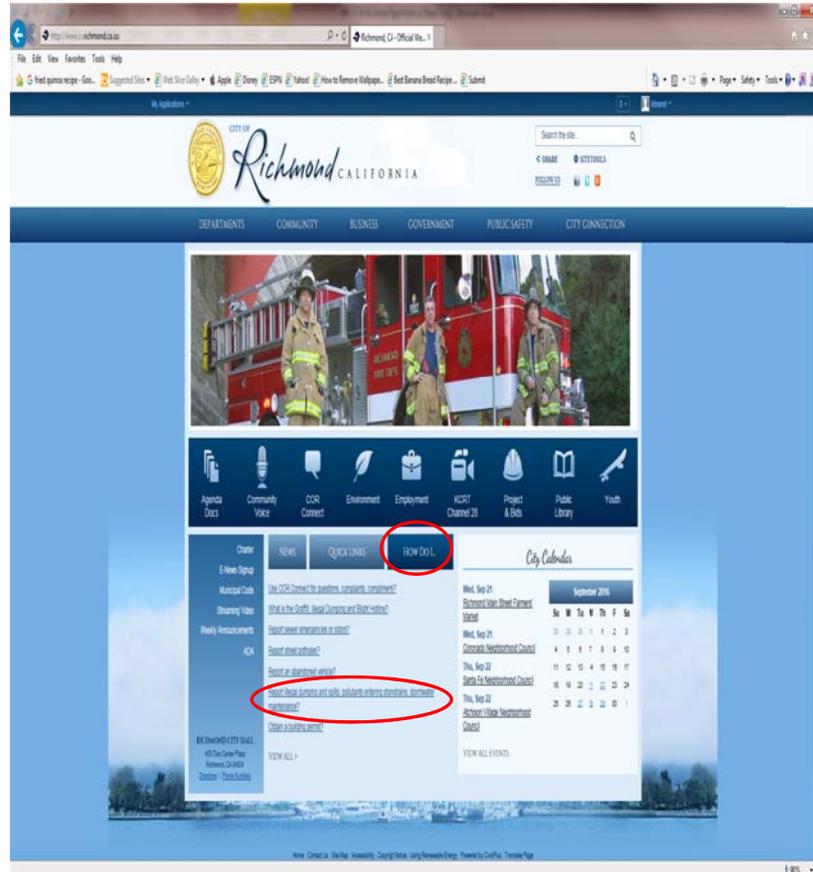
**C.5.c.iii ► Complaint and Spill Response Phone Number**

List below or attach your complaint and spill response phone number

1-800-No Dumping  
(510) 510-231-3030

Provide your complaint and spill response web address, if used

<http://www.ci.richmond.ca.us/1735/Stormwater>



Is a screen shot of your website showing the central contact point attached?  Yes  No

If No, explain:

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

Spill response phone number and web address are listed and easily located on City of Richmond's main website under "How Do I... [Report illegal dumping and spills, pollutants entering stormdrains, stormwater maintenance?](#)" By clicking on this link, City staff and the public is routed to a website containing spill response phone number and website link to Stormwater website.

**C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking**

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

	<b>Number</b>	<b>Percentage</b>
Discharges reported (C.5.d.iii.(1))	9	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	3	33.3
Discharges resolved in a timely manner (C.5.d.iii.(3))	9	100

Comments:  
 The City of Richmond Stormwater Program responded to 9 illicit discharges in the FY 2015-2016. When complaints received, investigation conducted by Source Control Inspector immediately and/or within twenty four hours from time calls/emails received. Source Control inspector filled out inspection reports in the field as well as in database clearly stating incidents and enforcement actions implemented. Notices of violation were issued, and follow up inspections conducted to ensure discharges were ceased before the next rain event but no longer than 10 business days.

**C.5.f.iii ► MS4 Map Availability**

Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.  
 MS4 map is available in hardcopy and electronically. Map is available upon request to the City Infrastructure Administrator. All requests, via emails or phone calls, are routed to the City Infrastructure Administrator.

Section 6 – Provision C.6 Construction Site Controls

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

C.6.e.iii.2.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
#2	#9	#100
Comments: During FY15-16, City of Richmond Stormwater Program Staff performed monthly inspections at construction sites disturbing soil <1 acre and ≥1 acre during the rainy season and once prior to the rain season to ensure sites implemented proper best management practices . Also, staff ensured projects' SWPPPs were revised to fit the conditions of construction sites.  <b>Sites less than one acre:</b> Clear Property City's project- Handicap ramps/sidewalks 25 Montana Ave (Hillside)  <b>Sites equals or greater than one acre:</b> Harbour View Senior Apartments Pt Pinole Business Park Phase II POTW Wet Weather Project EB Regional Parks Moody Underpass Westridge Apartments Bottoms Property		

Nevin Ave Improvement Project Bruener Marsh Restoration Project
--

**C.6.e.iii.2.d ▶ Construction Activities Storm Water Violations**

BMP Category	Number of Violations <sup>51</sup> excluding Verbal Warnings	% of Total Violations <sup>52</sup>
Erosion Control	1	33%
Run-on and Run-off Control	0	
Sediment Control	1	33%
Active Treatment Systems	0	
Good Site Management	1	34%
Non Stormwater Management	0	
<b>Total<sup>53</sup></b>		<b>100%</b>

<sup>51</sup>Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

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

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

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>54</sup>	<b>Number Enforcement Actions Issued</b>	<b>% Enforcement Actions Issued</b> <sup>55</sup>
Level 1 <sup>56</sup>	Verbal Warning/Warning Notice/Education	0	0
Level 2	Notice of Violation	1	100
Level 3	Formal Enforcement (Administrative Penalties, Cost Recovery)	0	0
Level 4	Legal Action and/or Referral to State and Federal Agencies	0	0
<b>Total</b>			<b>100%</b>

**C.6.e.iii.2.f, g ► Illicit Discharges**

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

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

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

<sup>56</sup>For example, Enforcement Level 1 may be Verbal Warning.

<b>C.6.e.iii.2.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
<b>Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)</b>	1	100% <sup>57</sup>
<b>Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)</b>	0	0% <sup>58</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>59</sup></b>	1	100%
<b>Comments:</b> Violation(s) corrected before the next rain event or within 10 business days after violations were discovered. City of Richmond Stormwater Program Staff conducted follow up inspection within 10 business days to warrant appropriate corrective actions were implemented prior to dismissing notice of violation.		

<b>C.6.e.iii.(4) ► Evaluation of Inspection Data</b>
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: Data generated from construction inspections during FY 15-16 suggested BMP performance issues mainly observed were sediment controls and erosion controls. QSDs and/or QSPs of projects were informed and encouraged to perform frequent site observations, update SWPPPs, and implement site specific BMPs to address sediment controls.

<b>C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness</b>
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: <ul style="list-style-type: none"> <li>• The City of Richmond Stormwater Program adopted in-house database which links inspections data of all approved projects to better track inspection data.</li> <li>• Inspectors continued to use iPad with access to database containing previous inspection information and revised inspection forms.</li> <li>• Inspectors provided training on revised operating procedures.</li> <li>• The City of Richmond Stormwater Program staffs participated in the CCCWP's Development Committee as voting member.</li> <li>• Refer to the C.6 Construction Site Control section of the CCCWP's FY 15-16 Annual Report for a description of activities at the countywide or regional level.</li> </ul>

<sup>57</sup>Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>58</sup>Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>59</sup>The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

<b>C.6.f ▶ Staff Training Summary</b>				
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Inspectors in Attendance</b>	
CCCWP Construction Inspection Training Workshop	June 14, 2016	<ol style="list-style-type: none"> <li>1. C.6 Requirements Overview – Highlights on the MRP 2.0 Requirements</li> <li>2. Municipal Perspective - Hillside Project Policy</li> <li>3. C.6 BMPs Tool Box &amp; BMP Resources</li> <li>4. MRP 2.0 and General Construction Permit Overlap and Differences</li> <li>5. Inspections, Documentation, and Reporting</li> </ol>	1	

**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:

Refer to Section 7 in the CCCWP's FY 1516 Annual Report for summary of activities related to planning and development of an Outreach Campaign.

**C.7.c. Stormwater Pollution Prevention Education**

Local stormwater phone number(s)	(510) 621-1214
Local/Regional stormwater website(s)	<a href="http://www.cccleanwater.org">www.cccleanwater.org</a>

Outreach:

Refer to the CCCWP's FY 15-16 Annual Report, Section C.7 "Public Information and Outreach" for details on how the CCCWP maintains and publicizes the stormwater point of contact and provides stormwater pollution prevention education.

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		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., EnviroScape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Success at reaching a broad spectrum of the community</li> <li>• Number of participants compared to previous years.</li> <li>• Post-event effectiveness assessment/evaluation results</li> <li>• Quantity/volume of materials cleaned up, and comparisons to previous efforts</li> </ul>
2016 Community Watershed Stewardship Grant Program Regional Event		<ul style="list-style-type: none"> <li>• Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.</li> </ul>
May 1, 2016 "Bringing Back Natives" Garden Tour Richmond Garden Local activities for a Regional Event		<ul style="list-style-type: none"> <li>• Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.</li> </ul>
Our Water Our World (Tabling/Outreach Events at Stores) Regional Event		<ul style="list-style-type: none"> <li>• Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.</li> </ul>
Website: CCCleanWater.org Community Calendar		<ul style="list-style-type: none"> <li>• Refer to the CCCWP's FY 15-16 Annual</li> </ul>

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**C.7 – Public Information and Outreach**

Regional Event		Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.
Website: MyGreenGarden.org (July 1, 2015 to December 31, 2015) Regional Event		<ul style="list-style-type: none"> <li>Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the events and activities and an evaluation of their effectiveness.</li> </ul>
Coastal Clean-Up Day, September 19, 2015 Shimada Strand and Baxter Creek Worldwide/Local	Creek Clean-Up 515 Participants	<ul style="list-style-type: none"> <li>6 miles</li> <li>100 cubic yard of litter</li> </ul>
Castro Creek Clean-Up Day October 15, 2015 Local Event	Creek Clean-Up 10 City and Veolia Employees	<ul style="list-style-type: none"> <li>10 cubic yard of litter</li> <li>4 vehicle tires</li> </ul>
Meeker Slough Clean-Up Days March 2-4, 2016 Local event	Slough Clean-Up 20 UC students 25 Residents 5 City Staffs	<ul style="list-style-type: none"> <li>80 cubic yard of litter</li> <li>5 vehicle tires</li> </ul>
Garrity Creek Clean-Up May 13, 2016 Local event	Creek Clean Up 10 City and Veolia Employees	<ul style="list-style-type: none"> <li>&lt;1 cubic yard of litter</li> <li>1 shopping cart</li> <li>1 parking cone</li> </ul>

**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:

Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness.

**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.

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.
Goat Grazing in North Richmond 11/12/2015 Kids of all ages and adults	Goats were on a property, located in North Richmond where illegal dumping is prevalent, grazing on dried weeds. Main message, "Goat grazing abates grown weeds which deters illegal dumping."	30 children school age 15 adults (parents)	Children and adults (parents) were educated on the purpose of goat grazing and illegal dumping. Coloring books and presentation were used to relay the messages.

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**C.7 – Public Information and Outreach**

<p>Green Tours          7-8<sup>th</sup> grade          Stormwater presentation at          kickoff event          2/12/2016</p>	<p>Presentation with main message,          "What we do makes a difference."          Discussion included pollutants          (pesticides, trash , mercury and          automobile fluids/oils), stormdrain          system, consequences of pollution.</p>	<p>20 Students          2 Teachers          1 Facilitator</p>	<p>Inquiry in the presentation, worksheets, and          teachers using the information in the          classroom.</p>
<p>Earth Day in North Richmond          4/23/2016</p>	<p>Tabling event</p>	<p>100 participants</p>	<p>Opportunity to reach residents, both young          children and adults, to educate on sources of          trash and the impacts of plastic bags,          polystyrene and other plastic disposables          used daily, and pesticide free gardening and          water conservation.</p>
<p>Refer to the C.7 Section of the          CCCWP's FY 15-16 Annual          Report for a description of          School-age Children Outreach          efforts conducted at the          countywide level.</p>			

Section 9 – Provision C.9 Pesticides Toxicity Controls

<b>C.9.a. ► Implement IPM Policy or Ordinance</b>									
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?						<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If no, explain:									
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.									
<b>Trends in Quantities and Types of Pesticides Used<sup>60</sup></b>									
Pesticide Category and Specific Pesticide Used	Amount <sup>61</sup>								
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21			
<b>Organophosphates</b>	None								
Product or Pesticide Type A	None								
Product or Pesticide Type B	None								
<b>Pyrethroids</b>	None								
Product or Pesticide Type X	None								
Product or Pesticide Type Y	None								
<b>Carbamates</b>	None								
Product or Pesticide Type X	None								
Product or Pesticide Type Y	None								
<b>Fipronil</b>	None								
Product or Pesticide Type X	None								
Product or Pesticide Type Y	None								
<b>Indoxacarb</b>	Reporting								

<sup>60</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>61</sup>Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

	not required in FY 15-16					
<b>Diuron</b>	Reporting not required in FY 15-16					
<b>Diamides</b>	Reporting not required in FY 15-16					
<p>IPM Tactics and Strategies used:</p> <p>In FY 15-16, the City of Richmond Parks and Landscaping Staff controlled weeds at its parks and public right of way through non-chemical strategies such as monitoring, mowing and sheet mulching to control weeds. Pest problems were controlled through preventive actions such as sealing holes and gaps in structures, improving sanitation through employee outreach.</p>						

<b>C.9.b ► Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	4
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.	4
<p>Type of Training:  Refer to the CCCWP's FY 2015/16 Annual Report, Section C.9 for details of the April 6, 2016 Bay Friendly Training Workshop for Municipalities.</p>	

<b>C.9.c ▶ Require Contractors to Implement IPM</b>			
Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored The City of Richmond staff review of list of pesticides and active ingredients used, meetings with contractors, requiring contractor to obtain City staff approval before using pesticides. For FY 15-16, only traps were set to capture rats at the City main library.			

<b>C.9.d ▶ Interface with County Agricultural Commissioners</b>			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
<b>If yes, summarize the communication. If no, explain.</b> Refer to the CCCWP's FY 15-16 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner.			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
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. NA			

<b>C.9.e.ii (1) ▶ Public Outreach: Point of Purchase</b>	
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); <b>OR</b> 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 CCCWP's FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.	

<b>C.9.e.ii (2) ▶ Public Outreach: Pest Control Contracting Outreach</b>	
Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); <b>AND/OR</b> 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 CCCWPs FY 15-16 Annual Report for information on pest control contracting outreach conducted countywide and regionally.

**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 the CCCWP's FY 15-16 Annual Report for a summary of public outreach to pest control operators and landscapers.

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

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

Summary:

During FY 15-16, we participated in regulatory processes related to pesticides through contributions to the CCCWP, 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 an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the trash estimate below, including whether the applicable trash reduction performance guideline or deadline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to <b>Trash Full Capture Systems</b> (as reported C.10.b.i)	7.3
Percent Trash Reduction in all TMAs due to <b>Control Measures Other than Trash Full Capture Systems</b> (as reported in C.10.b.ii)	0.0
Percent Trash Reduction due to <b>Jurisdictional-wide Source Control Actions</b> (as reported in C.10.b.iv)	10.0
<b>SubTotal for Above Actions</b>	<b>17.3</b>
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	10
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0
<b>Total Estimated % Trash Load Reduction in FY 15-16</b>	<b>27.3</b>

**Discussion of Trash Load Reduction Estimate:** The City of Richmond implemented control measures other than trash full capture system during FY 15-16, "Love Your Block," in which residents received grant money from the City to implement trash pickup in their neighborhoods. However, due to the lack of staffing during this fiscal year (staff went on maternity leave), visual assessments were not performed in TMAs where control measures implemented as did FY 14-15 to evaluate effectiveness of control measure, thus trash load reduction decreased compared to previous year. Visual assessments will be performed for FY 16-17 to evaluate effectiveness such this control measure. Refer to City of Richmond Plan and Schedule for Implementation of Additional Trash Load Reduction Control Actions to Attain 70% by July 1, 2017 (Attachment #2).

<b>C.10.a.iii ► Mandatory Trash Full Capture Systems</b>		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
<b>Type of System</b>	<b># of Systems</b>	<b>Areas Treated (Acres)</b>
<b>Installed Prior to FY 15-16</b>		
Connector Pipe Screens/Filters	13	3
Netting Devices	0	0
HDS Units	3	96
GSRDs	2	146
LID Facilities	24	120
Other	0	0
<b>Installed in FY 15-16</b>		
Connector Pipe Screens/Filters	2	0
Netting Devices	0	0
HDS Units	0	0
GSRDs	0	0
LID Facilities	2	3
Other	0	0
<b>Total for all Systems Installed To-date</b>	<b>46</b>	<b>368</b>
<b>Treatment Acreage Required by Permit (Population-based Permittees)</b>		<b>117</b>
<b>Total # of Systems Required by Permit (Non-population-based Permittees)</b>		<b>NA</b>

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 15-16 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

<b>TMA</b>	<b>Jurisdiction-wide Reduction (%)</b>	<b>Total # of Full Capture Systems</b>	<b>% of Systems Exhibiting Plugged/Blinded Screens or &gt;50% full</b>	<b>Summary of Maintenance Issues and Corrective Actions</b>
<b>1</b>	0.7	46	0	None
<b>2</b>	0.8			
<b>3</b>	0.5			
<b>4</b>	0.0			
<b>5</b>	0.0			
<b>6</b>	3.9			
<b>7</b>	0.0			
<b>8</b>	1.4			
<b>9</b>	0.0			
<b>Total</b>	<b>7.3</b>			

***Certification Statement:** The City of Richmond 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.*

<b>C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)</b>	
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.	
<b>TMA</b>	<b>Summary of Trash Control Actions Other than Full Capture Systems</b>
<b>1</b>	Eight (8 ) parkinglot inlets retrofitted with Contech cansisters , which prevented all trash from entering stormdrain drop inlets and discharge to Cerrito Creek.No New Actions in the 2015-2016 reporting year.
<b>2</b>	One block at a time litter and neighborhood beautification campaign. Plastic Bag ban and Expanded Polystyrene ban in effect. Enhanced street sweeping implemented in 2013 in this area, by replacing missing signs and increasing code enforcement to remove vehicles for street sweeping. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>3</b>	Increased frequency on arterial routes of street sweeping. Volunteers performed on land clean-ups at parks. Business inspections and enforcement include litter management, trash bins/compactor management, stormdrain inlet maintenance. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>4</b>	Shoreline Clean-ups. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>5</b>	Shoreline clean-ups. Plastic Bag ban and Expanded Polystyrene ban (EPS) in effect. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>6</b>	One block at a time litter and neighborhood beautification campaign. Plastic Bag ban and Expanded Polystyrene ban in effect. Enhanced street sweeping implemented in this area in 2013, by replacing missing signs and increasing code enforcement to remove vehicles for street sweeping. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>7</b>	One block at a time litter and neighborhood beautification campaign. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>8</b>	Street sweeping, business trash management. Plastic Bag ban and Expanded Polystyrene ban (EPS) in effect. Ordinance updated in 2013 included strengthen language for uncovered loads. No New Actions in the 2015-2016 reporting year.
<b>9</b>	Increase effectiveness of Street Sweeping with street sweeping signage. No New Actions in the 2015-2016 reporting year.

**C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)**

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Avg # of Assessments Conducted at Each Site	
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
<b>Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single-use Plastic Bag Ordinance or Policy	Single Use Plastic Bag Ban at all stores adopted and enacted January 2014.	City of Richmond performs audits of stores and markets and inspects stores and markets with food services establishments. Catch basins inserts and Large capture trash devices where audited when cleaned.	Stores and markets were audited for compliance. Data from creek clean ups showed significant reduction of plastic bags in creeks	7%	10%
Expanded Polystyrene Food Service Ware Ordinance or Policy	Adopted a compostable foodware ordinance which includes banning Expanded Poly Styrene for use in food taken to go which was implemented in July 2010. In January 2014 the ordinance when into effect to include all one time use Expanded Polystyrene(EPS) products not used in food packaging.	City of Richmond performs annual inspections of the Food Service Establishments (FSE) in the Richmond Sanitary District. Inspectors watch for use of EPS to-go ware.	Food service establishments inspected during FY 15-16 for compliance with ordinance. Overall, all inspections and audits found all FSE's in compliance and no enforcement issued.	3%	

**C.10.c ► Trash Hot Spot Cleanups**

Provide the FY 15-16 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
Baxter Creek	N	9/19/2015					15
Garrity Creek	N	5/13/2016					<1
Shimada Strand	N	9/19/2015					85
Castro Reach	N	10/15/2015					10
Meeker Slough	Y	3/2-3/2016					80

C.10.d ► Long-Term Trash Load Reduction Plan	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your trash generation map was revised and is attached to your Annual Report.	
Description of Significant Revision	Associated TMA
The City of Richmond revised its baseline map to exclude public schools (K-12, community colleges, and public universities), which have been reclassified as a non-jurisdictional land use. The new baseline map is attached to this annual report as Attachment #3	2, 3, 6, 8, 9
Chevron refinery, located in Richmond, has its own NPDES permit and stormwater from its property drains to on-site treatment system and subsequently discharges to the Bay, thus considered as non-jurisdictional land use. This change is documented on the new baseline map.	6

C.10.e. ► Trash Reduction Offsets (Optional)			
Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.			
Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 15-16	Offset (Jurisdiction-wide Reduction %)
<b>Additional Creek and Shoreline Cleanups (Max 10% Offset)</b>	City of Richmond partnered with the Watershed Projects to host three day clean up at Meeker Slough on March 2-4, 2016. Litters were removed along Meeker slough due to tidal influence. Litters composed of Styrofoam materials, plastic bottles, food wraps, tires.	80	10
<b>Direct Trash Discharge Controls (Max 15% Offset)</b>	NA	NA	NA

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

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	29	76	2	27	134	38	76	1	19	134	0.7	38	76	1	19	134	0.0	0.7
2	850	960	941	361	3112	870	959	927	356	3112	0.8	870	959	927	356	3,112	0.0	0.8
3	225	654	11	10	901	297	582	11	10	901	0.5	297	582	11	10	901	0.0	0.5
4	210	1	0	0	212	210	1	0	0	212	0.0	210	1	0	0	212	0.0	0.0
5	1818	2	0	0	1820	1818	2	0	0	1820	0.0	1,818	2	0	0	1,820	0.0	0.0
6	676	395	124	181	1376	823	333	59	160	1376	3.9	823	333	59	160	1,376	0.0	3.9
7	454	74	60	2	591	454	74	60	2	591	0.0	454	74	60	2	591	0.0	0.0
8	2536	661	89	0	3286	2624	612	50	0	3286	1.4	2,624	612	50	0	3,286	0.0	1.4
9	5081	13	0	0	5094	5081	13	0	0	5094	0.0	5,081	13	0	0	5,094	0.0	0.0
<b>Totals</b>	11880	2836	1227	582	16525	12217	2653	1108	548	16525	7.3	12,217	2,653	1,108	548	16,525	0.0	7.3

**Section 11 - Provision C.11 Mercury Controls**

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

Summary:

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

Section 12 - Provision C.12 PCBs Controls

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

Summary:

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

Section 13 - Provision C.13 Copper Controls

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

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?</p>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper architectural features are addressed through the issuance of building permits.</p>				
<p>Summary:                  The City of Richmond, Building Department did not issue permit for installation of copper architectural features this fiscal year.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.</p>				
<p>Summary:                  The City of Richmond requires project sites, if any, to contain and dispose of wastes, generated from cleaning and treating of copper architectural features, to sanitary sewer given the concentration of copper meets the standard put forth by local sanitation district.</p>				

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

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/> No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.</p>				
<p>Summary:            The City of Richmond requires copper-containing discharges from pools, spas, and fountains to sanitary sewer.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				
<p>Summary:            The City of Richmond did not have any enforcement activities related to copper-containing discharges from pools, spas, and fountains during FY 15/16.</p>				

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

<p>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.</p>
<p>Summary:            During business inspections, inspectors observed and ensured the implementations of best management practices (BMPs) in outdoor storage of copper parts and equipment at crane services, metal and auto scrapyards, and metal finishers. Moreover, auto repair facilities were inspected for the implementations of BMP's regarding radiator repair, flushing operations, brake pad work, spills of used automotive fluids, and outdoor operations, as these best practices are necessary to prevent stormwater from being impacted by copper.</p>

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:

- Bring Back the Native Garden Tour demonstrated drought tolerant species, lawn removal, efficient irrigation, grouping plants by water needs.
- Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).
- Green Business Program, which promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.
- Our Water Our World (OWOW) Program, which promotes to consumers at the point of purchase less toxic alternatives to combating lawn and garden pests.
- Bay Friendly Landscaping and Gardening Training and Certification Program, which promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.

## ATTACHMENT #1

## POTENTIAL FACILITY LIST

TYPE OF BUSINESS	NOI/WDID	FACILITY NAME	LOCATION	CITY	ZIP CODE
ART CENTER		NIAD CENTER FOR ART AND DISABILITY	551 23RD STREET	RICHMOND	94804
AUTO LAUNDERING	2 071021510	AUTO WAREHOUSE	1311 CANAL BLVD	RICHMOND	94804-3555
AUTO RENTAL		ENTERPRISE CAR RENTAL	12492 SAN PABLO AVE	RICHMOND	94805
AUTO SALES		CLASSIC MOTOR SALES	1045 13TH ST	RICHMOND	94801
AUTO SALES		WHOLESALE MOTORS	10805 SAN PABLO AVE	EL CERRITO	94530-
AUTO SALES		JIM AUTO SALES OF RICHMOND, INC.	1084 23RD ST	RICHMOND	94804
AUTO SALES		RICHMOND MERCEDES	110 S 23RD ST E	RICHMOND	94804
AUTO SALES		PARS AUTO SALES	4201 MACDONALD AVE	RICHMOND	94805
AUTO SALES		FUTURE CAR SALES	4401 MACDONALD AVE	RICHMOND	94805-2337
AUTO SALES		MOTOR CITY AUTO SALES	4505 MACDONALD AVE #B	RICHMOND	94805
AUTO SALES		BEST AUTO DEALS	522 23RD STREET #4	RICHMOND	94804
AUTO SALES		JIM AUTO SALE	636 23RD ST	RICHMOND	94804
AUTO SALES		RIGO'S AUTO SALES	871 23RD ST	RICHMOND	94804
AUTO SALES AND SERVICE		RIGO'S AUTO SALES AND REPAIR	12500 SAN PABLO AVE	RICHMOND	94805
AUTO SALES AND SERVICE		HILLTOP VOLKSWAGEN	3233 AUTO PLAZA	RICHMOND	94806-
AUTO SALES AND SERVICE		HANLEES DEALERSHIP (TOYOTA)	3255 AUTO PLAZA	RICHMOND	94806-1931
AUTO SALES AND SERVICE		HANLEES DEALERSHIP (NISSAN)	3277 AUTO PLAZA	RICHMOND	94801
AUTO SALES AND SERVICE		HANLEE'S HILLTOP HUYNDAI (FORMERLY 'DOTEN AUTOMOTIVE)	3285 AUTO PLAZA	RICHMOND	94806-1931
AUTO SERVICE		SAM AUTO EXPRESS	100 S 23RD ST	RICHMOND	94804
AUTO SERVICE		ARCO GAS STATION/HARBOUR WAY MART	1000 CUTTING BLVD	RICHMOND	94804
AUTO SERVICE		AYATES TIRE SALES	1011 13TH ST #A	RICHMOND	94801
AUTO SERVICE		TITO'S AUTO SERVICE	1011 A 13TH ST	RICHMOND	94801
AUTO SERVICE		U-HAUL CO	1017 23RD ST	RICHMOND	94804-
AUTO SERVICE		MALDONADO'S	102 HARBOUR WY	RICHMOND	94801-3554
AUTO SERVICE		FAST TRAX AUTO	10225 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		EKE MOTORSPORTS INC	10245 SAN PABLO AVE	EL CERRITO	94530
AUTO SERVICE		EUROPEAN AUTO CENTER	10269 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		RICHMOND AUTO SALES	1030 23RD STREET	RICHMOND	94804
AUTO SERVICE		MAACO COLLISION REPAIR	1041 HENSLEY ST	RICHMOND	94801-2116
AUTO SERVICE		AC AUTO MOTORS (PACIFIC IMPORTS?)	10439 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		SAC AUTO ELECTRIC	10465 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		TRAN AUTO BODY SHOP	1052 13TH ST	RICHMOND	94801
AUTO SERVICE		T.K. AUTO BODY SHOP & REPAIR INC	10551 SAN PABLO AVE	RICHMOND	94530-2808
AUTO SERVICE		RICHMOND AUTO REPAIR	1063 13TH ST	RICHMOND	94801-2351
AUTO SERVICE		FIRESTONE TIRE (FORMERLY EL CERRITO TIRES/BIG O TIRES)	10733 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		ROSS AUTO BODY	10781 SAN PABLO AVE	EL CERRITO	94530
AUTO SERVICE		PAUL'S SHOP	10787 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		TECNICA AUTO	10793 SAN PABLO AVE	EL CERRITO	94530
AUTO SERVICE		DOHERTY'S AUTO RENTAL	10895 SAN PABLO AVE	EL CERRITO	94530-
AUTO SERVICE		MIDAS AUTO SYSTEMS EXPERTS	10901 SAN PABLO AVE	EL CERRITO	94530
AUTO SERVICE		ARTHUR'S AUTO BODY REPAIR	110 S 23RD ST	RICHMOND	94804
AUTO SERVICE		R&D AUTO ELECTRIC	110 S 23RD ST A+B	RICHMOND	94804
AUTO SERVICE		THE CAR COMPANY	1100 B 23RD ST	RICHMOND	94804
AUTO SERVICE		AMIGOS TIRES	1144 23RD ST	RICHMOND	94804-
AUTO SERVICE		AAMCO TRANSMISSIONS	12156 SAN PABLO AVE	RICHMOND	94805-2495
AUTO SERVICE		STEVE'S AUTO CARE II (FORMELY TEAM RICHMOND)	12267 SAN PABLO AVE	RICHMOND	94805-2452
AUTO SERVICE		BAROCCI MOTOR GROUP	12284 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		DBA CAR HOP	12300 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		700 AUTO SERVICE & TRAINING CENTER	12380 SAN PABLO AVE	RICHMOND	94805-
AUTO SERVICE		MEL & SON'S MUFFLER	12432 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		SMOG CHECK EXPRESS RICHMOND	12440 SAN PABLO AVE	RICHMOND	94806
AUTO SERVICE		STEWARTS AUTO BODY	12540 SAN PABLO AVE	RICHMOND	94805-1406
AUTO SERVICE		ADVANCED SMOG	12569 SAN PABLO AVE	RICHMOND	94804
AUTO SERVICE		C & D AUTO REPAIR	12637 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		CHEAP AUTO SALE	12786 SAN PABLO AVE	RICHMOND	94805-1303
AUTO SERVICE		MASTER AUTO REPAIR	12786 SAN PABLO AVE	RICHMOND	94805-1303
AUTO SERVICE		RAMIREZ MOTORS, INC.	12811 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		BEST TIRES & WHEELS	12826 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		BAY AREA MOTORS	12860 SAN PABLO AVE	RICHMOND	94806
AUTO SERVICE		A PLUS SMOG	12900 SAN PABLO AVE	RICHMOND	94805-1307
AUTO SERVICE		SAVY'S AUTO REPAIR	12910 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		SAVY AUTO BODY	12920 SAN PABLO AVE	RICHMOND	94805
AUTO SERVICE		BIG O TIRES #8	12952 SAN PABLO AVE	RICHMOND	94805-1390
AUTO SERVICE		NARASAKI'S AUTO SERVICE	1319 WRIGHT AVE	RICHMOND	94804-3753
AUTO SERVICE		RC RACING & RESTORATION CORP (FORMERLY 'RICHMOND COLLISION)	132 23RD STREET	RICHMOND	94804-1828
AUTO SERVICE		ANDY'S AUTO BODY	135 24TH ST	RICHMOND	94804-1828
AUTO SERVICE		AUTOZONE #5311	1350 MACDONALD AVE	RICHMOND	94801
AUTO SERVICE		FELIX AUTO REPAIR	1401 CUTTING BLVD	RICHMOND	94804-
AUTO SERVICE		BAJA TIRE	1401 CUTTING BLVD.	RICHMOND	94804-2556
AUTO SERVICE		CHALK'S AUTO SALON	1500 CARLSON BLVD	RICHMOND	94804-5069
AUTO SERVICE		RIMS & TIRE SALES	1935 MACDONALD AVE	RICHMOND	94801

TYPE OF BUSINESS	NOI/WDID	FACILITY NAME	LOCATION	CITY	ZIP CODE
AUTO SERVICE		RICHMOND-BERKELEY AUTO CENTER	202 23RD ST	RICHMOND	94804
AUTO SERVICE		TIRE DEPOT	2134 MACDONALD AVE	RICHMOND	94801
AUTO SERVICE		CARLOS AUTO BODY SHOP	221 24TH ST	RICHMOND	94804
AUTO SERVICE		MARCARDIER MOTORS	221 24TH ST	RICHMOND	94804
AUTO SERVICE		MR. MUFFLER'S TIRE	221 24TH ST	RICHMOND	94804
AUTO SERVICE		MAGALLANES AUTO REPAIR	221 6TH ST	RICHMOND	94801-3035
AUTO SERVICE		LA TECH AUTO BODY	2311 RHEEM AVE	RICHMOND	94804
AUTO SERVICE		PROFESSIONAL BODY SHOP (FORMERLY CONTRA COSTA BODY SHOP)	2323 BARRETT AVE	RICHMOND	94804-1607
AUTO SERVICE		GV AUTOMOTIVE INC	243 23RD ST	RICHMOND	94804
AUTO SERVICE		EAST BAY BODY SHOP	251 24TH ST	RICHMOND	94804-1831
AUTO SERVICE		FERRELL'S AUTO REPAIR	251 5TH STREET	RICHMOND	94804-2211
AUTO SERVICE		ACCURATE AUTO BODY, INC	2975 TECHNOLOGY CT	RICHMOND	94806-
AUTO SERVICE		J&J AUTO SERVICE CO (MAKING WAVES)	3131 MACDONALD AVE	RICHMOND	94804-3055
AUTO SERVICE		OIL CHANGERS 401	3144 SHANE DR	RICHMOND	94806-2627
AUTO SERVICE		MARC'S AUTO REPAIR	3211 MACDONALD AVE	RICHMOND	94804-3011
AUTO SERVICE		HILLTOP BUICK GMC	3230 AUTO PLAZA	RICHMOND	94806
AUTO SERVICE		MICHAEL STEAD'S HILLTOP FORD	3280 AUTO PLAZA	RICHMOND	94806-1932
AUTO SERVICE		MICHEAL STEAD'S HILLTOP CHRYSLER	3291 AUTO PLAZA	RICHMOND	94806-1931
AUTO SERVICE		LEO'S AUTO SERVICE	3401 CUTTING BLVD	RICHMOND	94804-3126
AUTO SERVICE		NEMO AUTOS	3563 SAN PABLO DAM RD #9	RICHMOND	94803
AUTO SERVICE		SALDANA'S AUTO REPAIR	3700 MACDONALD	RICHMOND	94805
AUTO SERVICE		ALGOR TRANSMISSION	3710 MACDONALD AVE	RICHMOND	94805
AUTO SERVICE		FOREIGN AUTO	401 23RD ST #A	RICHMOND	94804-1624
AUTO SERVICE		CAL SMOG	401 23RD ST #B	RICHMOND	94804
AUTO SERVICE		KARBER'S AUTO BODY	405 24TH ST	RICHMOND	94804
AUTO SERVICE		INDEPENDENT IMPORT AUTO BODY	418 23RD ST	RICHMOND	94804-1625
AUTO SERVICE		FUSION MOTORS	4201 MACDONALD AVE	RICHMOND	94805
AUTO SERVICE		YES AUTO CENTER	4325 MACDONALD AVE	RICHMOND	94804
AUTO SERVICE		RICHMOND AUTO PRO	435 23RD ST	RICHMOND	94804-1624
AUTO SERVICE		RICHMOND AUTO SALES	436 23RD ST	RICHMOND	94804
AUTO SERVICE		BAY AREA AUTO REG SERVICE MOTOR	4401 MACDONALD AVE	RICHMOND	94805-2337
AUTO SERVICE		K & L AUTO EXPERT INC. (FORMERLY AUTO EXPERT)	4401 MACDONALD AVE	RICHMOND	94805-2337
AUTO SERVICE		KHO'S AUTO REPAIR	445 23RD ST	RICHMOND	94804-1624
AUTO SERVICE		FUTURE CARS	4505 MACDONALD AVE	RICHMOND	94805
AUTO SERVICE		PENINSULA AUTO CENTER	457 23RD STREET	RICHMOND	94804
AUTO SERVICE		BUBBLES CAR WASH (FORMERLY SUPER CAR WASH)	4724 MACDONALD AVE	RICHMOND	94805-2309
AUTO SERVICE		BEN'S AUTO REPAIR	4836 BISSELL AVE	RICHMOND	94805-2304
AUTO SERVICE		MA AUTO REPAIR & TIRES	501 23RD ST	RICHMOND	94804-1626
AUTO SERVICE		101 AUTO BODY	5327 JACUZZI ST	RICHMOND	94804-5827
AUTO SERVICE		MIRACLE AUTO PAINTING	5327 JACUZZI ST	RICHMOND	94804-5827
AUTO SERVICE		G & O TIRES AND SERVICES	550 23RD ST	RICHMOND	94804
AUTO SERVICE		RICHMOND MAZDA (FORMERLY 'GLOBAL AUTO ENGINEERING, INC.)	600 23RD ST.	RICHMOND	94804-1420
AUTO SERVICE		HERCULES MOTORS	612 23RD ST	RICHMOND	94804
AUTO SERVICE		TRANSMETRO, INC	626 23RD ST	RICHMOND	94804
AUTO SERVICE		SCIARRONI AUTO BODY, INC	628 23RD ST	RICHMOND	94804-1447
AUTO SERVICE		D&D TIRES AND AUTO SALES	629 23RD ST.	RICHMOND	94804-1419
AUTO SERVICE		LUIS AUTO REPAIR AND SALES	647 23RD ST	RICHMOND	94804-1446
AUTO SERVICE		SUPER SMOG SERVICE	648 23RD STREET	RICHMOND	94804
AUTO SERVICE		LAL'S BEST SERVICE STATION	695 HARBOUR WY	RICHMOND	94801-2747
AUTO SERVICE		FERNANDO'S VOLVO	842 13TH ST	RICHMOND	94801-2344
AUTO SERVICE		OZDEN AUTO REPAIR	864 23RD ST	RICHMOND	94804-1364
AUTO SERVICE		BAJA MOTORS/AUTO MAXX	909 23RD ST	RICHMOND	94804
AUTO SERVICE		SI SE PUEDE AUTOS, INC	909 23RD STREET	RICHMOND	94804
AUTO SERVICE		D-TECH AUTO REPAIR (FORMERLY TOROS AUTO)	950 23RD ST	RICHMOND	94804-1252
AUTO SERVICE		JC MECHANIC SERVICES (FORMERLY 'R & R AUTO CARE	977 13TH ST	RICHMOND	94801-2347
AUTO SERVICE		R & R AUTO CARE	991 13TH ST	RICHMOND	94804
AUTO SERVICE		ABE'S AUTO SALES & TEST ONLY SMOG STATION	997 23RD ST	RICHMOND	94804
AUTO SERVICE		AUTO POINT	999 W CUTTING BLVD #3	RICHMOND	94804
AUTO SUPPLIES		KRAGEN	12925 SAN PABLO AVE	RICHMOND	94804
AUTO SUPPLIES		O'REILLY AUTO PARTS #3467	12929 SAN PABLO AVE	RICHMOND	94805
AUTO SUPPLIES		O'REILLY AUTO PARTS #3502	243 23RD ST	RICHMOND	94804
CAR WASH		RICHMOND HAND CAR WASH	1006 23RD STREET	RICHMOND	94804
CAR WASH		SOLAR CAR WASH (EL CERRITO)	10511 SAN PABLO AVE	EL CERRITO	94530-
CAR WASH		SOLAR CAR WASH	1097 23RD ST	RICHMOND	94804-1258
DEMOLITION		PLANT RECLAMATION	912 HARBOUR WAY S	RICHMOND	94804-3615

**TYPE OF BUSINESS**

**NOI/WDID FACILITY NAME**

**LOCATION**

**CITY**

**ZIP CODE**

EDUCATION	LOVONYA DEJEANS HIGH SCHOOL	130 33RD ST	RICHMOND	94804
EDUCATION	WEST CONTRA COSTA YOUTH SERVICE BUREAU	263 SOUTH 20TH ST.	RICHMOND	94804-2709
EDUCATION	LO VONDA DEJEAN MIDDLE SCHOOL	3400 MACDONALD AVE	RICHMOND	94805-4501
ENTERTAINMENT	HARTMAN STUDIO INCORPORATED	100 W CUTTING AVE	RICHMOND	94804
EQUIPMENT SERVICE	RICKERT INTERNATIONAL	135 CUTTING BLVD	RICHMOND	94804-2125
EQUIPMENT SERVICE	KODIAK PRECISION INC.	444 S. 1ST ST.	RICHMOND	94804-2107
EQUIPMENT SERVICE	BRAGG CRANE	457 PARR BLVD	RICHMOND	94801-1133
FOOD MANUFACTURE	BARK STIX	200 S GARRARD	RICHMOND	94801-2001
FOOD PACKAGING	NUTIVA	213 W CUTTING	RICHMOND	94804-
FOOD PACKAGING	HOBBS APPLEWOOD SMOKE MEAT	3701 COLLINS AVE SUITE 5C	RICHMOND	94806-1833
FOOD SERVICE	SPOT LIQUORS	1 TEWKSBURY AVE	RICHMOND	94801-3801
FOOD SERVICE	HACIENDA GRILL	1000 NEVIN AVE	RICHMOND	94801
FOOD SERVICE	XTREME TACOS	1006 23RD ST	RICHMOND	94804
FOOD SERVICE	CASA CHICAS INC.	1009 FACTORY STREET UNIT	RICHMOND	94801-2161
FOOD SERVICE	EL SOL RESTAURANT	101 PARK PLACE	RICHMOND	94801-4402
FOOD SERVICE	JACK IN THE BOX	10409 SAN PABLO AVE	EL CERRITO	94530-
FOOD SERVICE	LITTLE HONG KONG	10443 SAN PABLO AVE	EL CERRITO	95430-
FOOD SERVICE	LA FUSION	1045 23RD ST	RICHMOND	94804
FOOD SERVICE	LA SELVA	1049 23RD ST	RICHMOND	94804
FOOD SERVICE	WULING KARAOKE RESTAURANT	10561 SAN PABLO AVE	EL CERRITO	94530
FOOD SERVICE	SA-WOOEI THAI CUISINE	10621 SAN PABLO AVE	EL CERRITO	94530
FOOD SERVICE	ANCIENT SZECHUAN RESTAURANT (FORMERLY 'HAPPY GOLDEN BOWL)	10675 SAN PABLO AVE	EL CERRITO	95430-
FOOD SERVICE	SUSHI SHO	10749 SAN PABLO AVE	EL CERRITO	94530-
FOOD SERVICE	CAZADORES MARKET	1076 13TH ST	RICHMOND	94801-2349
FOOD SERVICE	ZOE'S COOKIES	1080 MARINA WAY SOUTH	RICHMOND	94804-3741
FOOD SERVICE	THE NEW PEPITOS	1087 23RD ST.	RICHMOND	94804-1258
FOOD SERVICE	TAKI SUSHI	10889 SAN PABLO AVE	RICHMOND	94530-
FOOD SERVICE	PHILADELPHIA HOAGIE	1100 23RD ST	RICHMOND	94804-1064
FOOD SERVICE	GALAXY DESSERTS	1100 MARINA WAY SOUTH	RICHMOND	94804
FOOD SERVICE	MRS. FIELD'S COOKIES	1121 HILLTOP MALL RD STE. A	RICHMOND	94806-1924
FOOD SERVICE	LA ROSA MARKET	1134 23RD ST.	RICHMOND	94804-1051
FOOD SERVICE	MARIO'S DELI	1160 23RD ST.	RICHMOND	94804
FOOD SERVICE	SAN FRANCISCO PIZZA	1190 MACDONALD AVE	RICHMOND	94801-3116
FOOD SERVICE	LEE'S DONUTS #11	1190A MACDONALD AVE	RICHMOND	94801-3116
FOOD SERVICE	SALSA TAQUERIA #1	1190B MACDONALD AVE	RICHMOND	94801-3116
FOOD SERVICE	CHEF MING	1190C MACDONALD AVE	RICHMOND	94801-3116
FOOD SERVICE	KELLY'S DELI (SOUTHWEST CONCESSION INC)	11939 SAN PABLO AVE	EL CERRITO	94530-
FOOD SERVICE	ANGELO'S GOURMET DELI	12025 SAN PABLO AVE	EL CERRITO	94530
FOOD SERVICE	KWANG TUNG RESTAURANT	12056 SAN PABLO AVE	RICHMOND	94805-2449
FOOD SERVICE	SAWADDEE THAI RESTAURANT	12200 SAN PABLO AVE	RICHMOND	94805-2453
FOOD SERVICE	WENDY'S OLD FASHIONED HAMBURGER	12201 SAN PABLO AVE	RICHMOND	94805-2452
FOOD SERVICE	SOCIAL SECURITY BUILDING CAFETERIA	1221 NEVIN AVE	RICHMOND	94801-3123
FOOD SERVICE	MIRA VISTA DONUT & DELI	12221 #1 SAN PABLO AVE	RICHMOND	94805-2400
FOOD SERVICE	BRAZILIAN COFFEE HOUSE RESTAURANTE GOIANO ( FORMERLY 'ARTI CUISINE OF INDIA)	12221 #3 SAN PABLO AVE.	RICHMOND	94804
FOOD SERVICE	EURASIA (FORMERLY 'SUPER WOK)	12221#6 SAN PABLO AVE	RICHMOND	94805
FOOD SERVICE	HUONG TRA VIETNAMESE	12221#8 SAN PABLO AVE	RICHMOND	94805-2400
FOOD SERVICE	KFC & LONG JOHN SILVERS	12319 SAN PABLO AVE	RICHMOND	94805-1952
FOOD SERVICE	SUBWAY SAN PABLO #30038	12343 SAN PABLO AVE	RICHMOND	94805-1952
FOOD SERVICE	TAQUIERIA LA BAMBA	12345 SAN PABLO AVE	RICHMOND	94805-1952
FOOD SERVICE	TSING TAO CHINESE	12372 SAN PABLO AVE	RICHMOND	94805-1900
FOOD SERVICE	MISSISSIPPI CATFISH	12440 SAN PABLO AVE	RICHMOND	94805-1914
FOOD SERVICE	ANGEL'S RESTAURANT (FORMERLY EL TUCAN TAQUERIA)	12469 SAN PABLO	RICHMOND	94805
FOOD SERVICE	CATHOULA COFFEE COMPANY	12472 SAN PABLO AVE	RICHMOND	94805-1914
FOOD SERVICE	PUP HUT	12505 SAN PABLO	RICHMOND	94805-1405
FOOD SERVICE	EL TAZUMAL #2	12545 SAN PABLO AVE	RICHMOND	94804-1405
FOOD SERVICE	THREE HERMANAS	12620 SAN PABLO AVE	RICHMOND	94805-1408
FOOD SERVICE	EAST BAY PIZZA	12847 SAN PABLO	RICHMOND	94805
FOOD SERVICE	PHO THAI HUNG	12860 SAN PABLO AVE	RICHMOND	94805-1305
FOOD SERVICE	ANGIE'S BAKERY (FORMERLY 'PIT BOSS BBQ)	12889 SAN PABLO AVE	RICHMOND	94805-1304
FOOD SERVICE	LA LOMA #1	12899 SAN PABLO AVE	RICHMOND	94805
FOOD SERVICE	TAQUERIA GUAMAUTECA (FORMERLY 'TAQUERIA AMERICAS)	12929 SAN PABLO AVE	RICHMOND	94805-1306
FOOD SERVICE	H SALT FISH & CHIPS	12951 SAN PABLO AVE	RICHMOND	94805-1352
FOOD SERVICE	BURGER KING #981 - SAN PABLO	12999 SAN PABLO	RICHMOND	94805-1353
FOOD SERVICE	KAO SARN THAI CUISINE	130 WASHINGTON AVE	RICHMOND	94801-3947
FOOD SERVICE	BURGER KING - MACDONALD AVE	1300 MACDONALD AVE	RICHMOND	94801-3116
FOOD SERVICE	INDEPENDENT WINGS AND THINGS (FORMERLY 'WINGS AND THINGS)	1305 CARLSON BLVD	RICHMOND	94804-
FOOD SERVICE	STARBUCKS - PT.RICHMOND	133 PARK PLACE	RICHMOND	94801-3922
FOOD SERVICE	MARINA GARDEN SNACK BAR	1391 MARINA WAY S	RICHMOND	94804
FOOD SERVICE	JOY'S CAFÉ (FORMERLY 'GOLDEN STAR CAFÉ)	1400 MACDONALD AVE	RICHMOND	94801-3237
FOOD SERVICE	BUBBALOO CAFÉ	1402 MARINA WAY S	RICHMOND	94804
FOOD SERVICE	ASSEMBLE RESTAURANT AND CRANEWAY PAVILION (FORMERLY 'BOILERHOUSE RESTAURANT)	1414 HARBOUR WAY S	RICHMOND	94804-3694
FOOD SERVICE	SNAPPERS SEAFOOD	1501 OHIO AVE	RICHMOND	94804-2532
FOOD SERVICE	EXTREME PIZZA	151 PARK PLACE	RICHMOND	94801-3922
FOOD SERVICE	LITTLE CHINA	152 WASHINGTON ST	RICHMOND	94801-3947
FOOD SERVICE	RUBICON BAKERY	154 S 23RD ST	RICHMOND	94804
FOOD SERVICE	KFC #174	15501 SAN PABLO AVE STE	RICHMOND	94806
FOOD SERVICE	STARBUCKS COFFEE #6662	15501 SAN PABLO AVE STE A1	RICHMOND	94806
FOOD SERVICE	TIPAROS THAI KITCHEN	15501 SAN PABLO AVE STE F	RICHMOND	94806
FOOD SERVICE	QUIZNO'S SUBS	15501 SAN PABLO AVE STE H	RICHMOND	94806

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FOOD SERVICE		ROUND TABLE PIZZA	15501 SAN PABLO AVE STE I	RICHMOND	94806
FOOD SERVICE		TAQUERIA LOS CERROS	15501 SAN PABLO AVE STE. E	RICHMOND	94806-5848
FOOD SERVICE		GREATER RICHMOND INTER-FAITH MISSION	165 22ND ST	RICHMOND	94801-3203
FOOD SERVICE		FROSTY KING	171 HARBOUR WAY	RICHMOND	94804-2425
FOOD SERVICE		CARNICERIA TRUJILLO/BARRET AVE MARKET	1913 BARRETT AVE	RICHMOND	94801
FOOD SERVICE		BEIJING RESTAURANT	199 PARK PLACE	RICHMOND	94801
FOOD SERVICE		UP AND UNDER GRILL	2 WEST RICHMOND AVE	RICHMOND	94801-3991
FOOD SERVICE		BAY AREA RESCUE MISSION	200 MACDONALD AVE	RICHMOND	94801
FOOD SERVICE		GLASS ONION CATERING	200 W OHIO AVE	RICHMOND	94804
FOOD SERVICE		AKY'S (FORMERLY 'EDIBLES CAFÉ & CATERING)	201 TEWKSBURY AVE	RICHMOND	94801-3829
FOOD SERVICE		BROWN'S MARKET	2029 BARRETT AVE	RICHMOND	94804-3330
FOOD SERVICE		24 HOUR FITNESS 494	2125 HILLTOP MALL RD	RICHMOND	94806-1924
FOOD SERVICE		CAZULEAS GRILL	2129 HILLTOP MALL RD	RICHMOND	94806
FOOD SERVICE		QQ EXPRESS (FORMERLY) 'ORIENTAL EXPRESS	2132 HILLTOP MALL RD	RICHMOND	94806-1924
FOOD SERVICE		SUBWAY 13387	2138 HILLTOP MALL RD STE. A	RICHMOND	94806-1924
FOOD SERVICE		GREAT KHANS MONGOLIAN FESTIVAL	2139 HILLTOP MALL RD	RICHMOND	94806
FOOD SERVICE		MARINA BAY GRILL (FORMERLY OLE AND 'EL MOLCAJETE RESTAURANT)	2167 MEEKER AVE	RICHMOND	94804-6410
FOOD SERVICE		BOTTO ITALIAN BISTRO	2171 MEEKER AVE	RICHMOND	94804-6410
FOOD SERVICE		QUIZNO'S SUBS	2175 MEEKER AVE	RICHMOND	94804-6410
FOOD SERVICE		CAFE PASCAL	2181 MEEKER AVE	RICHMOND	94804
FOOD SERVICE		NEW YORK BAGELS	221 S 2ND STREET	RICHMOND	94804
FOOD SERVICE		CARNICERIA MI BARRIO	2230 CUTTING BLVD	RICHMOND	94804
FOOD SERVICE		AUNT ANNIES PERTZELS	2231 HILLTOP MALL RD	RICHMOND	94806-1924
FOOD SERVICE		SURF CITY SQUEEZE	2247 HILLTOP MALL RD	RICHMOND	94806
FOOD SERVICE		TACO BELL - BARRETT	2300 BARRETT AVE	RICHMOND	94801
FOOD SERVICE		MCDONALDS #7634	2301 MACDONALD AVE	RICHMOND	94804
FOOD SERVICE		LOS CISNEROS	2308 MACDONALD AVE	RICHMOND	94804
FOOD SERVICE		SUBWAY #15738 CUTTING	2315 CUTTING BLVD	RICHMOND	94804-2857
FOOD SERVICE		HOMETOWN DONUTS #7	2315 CUTTING BLVD, STE A	RICHMOND	94804-2857
FOOD SERVICE		NELSON LIQUOR STORE & DELI	2329 MACDONALD AVE	RICHMOND	94804-1820
FOOD SERVICE		CJS BBQ AND FISH	2401 MACDONALD AVE	RICHMOND	94804-1822
FOOD SERVICE		BURGER KING	2427 HILLTOP MALL RD STE. C	RICHMOND	94805-2228
FOOD SERVICE		GREAT STEAK & POTATO COMPANY	2439 HILLTOP MALL RD STE. A	RICHMOND	94806-1924
FOOD SERVICE		TOKYO GRILL	2440 HILLTOP MALL RD STE. C	RICHMOND	94804
FOOD SERVICE		WETZEL'S PRETZELS CART	2441 HILLTOP MALL RD	RICHMOND	94806-1924
FOOD SERVICE		PIKANHA'S BRAZILIAN STEAKHOUSE (25 WEST)	25 W. RICHMOND AVE.	RICHMOND	94801
FOOD SERVICE		7-ELEVEN STORE	2500 MACDONALD AVE	RICHMOND	94804
FOOD SERVICE		CASPER'S HOT DOGS	2530 MACDONALD AVE	RICHMOND	94804-1825
FOOD SERVICE		CATERING BY MARIJANE @ SALESIAN HIGH SCHOOL	2851 SALESIAN AVE	RICHMOND	94804-1025
FOOD SERVICE		KIM'S TERIYAKI HOUSE	2946 HILLTOP MALL RD	RICHMOND	94806-1924
FOOD SERVICE		LEE'S GARDEN BUFFET (FORMERLY CHINA PALACE AND 99 BUFFET)	2960 HILLTOP MALL RD	RICHMOND	94806-
FOOD SERVICE		4TH STREET MEAT MARKET	301 4TH ST	RICHMOND	94801
FOOD SERVICE		TOKYO RESTAURANT	3044 HILLTOP MALL RD	RICHMOND	94806-1920
FOOD SERVICE		CHINA WOK	3047 CUTTING BLVD	RICHMOND	94804-2927
FOOD SERVICE		BOULEVARD FISH	3051 CUTTING BLVD.	RICHMOND	94804-2945
FOOD SERVICE		CHEVYS FRESH MEX RESTAURANT # 1104	3101 GARRITY WY	RICHMOND	94806-5700
FOOD SERVICE		MEX-CAL (FORMERLY LA REVOLUCION AND GROUND ROUND)	3190 KLOSE WY	RICHMOND	94806-1951
FOOD SERVICE		GRACE BAKING COMPANY	3200 REGATTA BLVD	RICHMOND	94804
FOOD SERVICE		CASSANDRA'S WEDDING CAKES	321 23RD ST.	RICHMOND	94804-2807
FOOD SERVICE		TARABINI'S DELI	322 HARBOR WAY	RICHMOND	94801-3142
FOOD SERVICE		RINCON MICHOCANO TAQUERIA(FORMERLY CAFÉ EL PARADISO, AND CULIACAN ANDTAQUERIA LOS MAC	3231 MACDONALD AVE	RICHMOND	94804-3011
FOOD SERVICE		LA ESTRELLA	325 23RD ST	RICHMOND	94804
FOOD SERVICE		PHO SAIGON II	3288 PIERCE ST STE. 116	RICHMOND	94804-5911
FOOD SERVICE		DAIMO RESTAURANT	3288 PIERCE ST STE. A	RICHMOND	94804-5911
FOOD SERVICE		KIMCHEE TOFU HOUSE (FORMERLY KOREANA KITCHEN II)	3288 PIERCE ST STE. A103	RICHMOND	94804-5911
FOOD SERVICE		CHIKA RAMEN	3288 PIERCE ST STE. A107	RICHMOND	94804-5911
FOOD SERVICE		1 6 8 RESTAURANT	3288 PIERCE ST STE. A109	RICHMOND	94804-5911
FOOD SERVICE		HONG KONG SNACK HOUSE	3288 PIERCE ST STE. A111	RICHMOND	94804-5911
FOOD SERVICE		ASIAN PEARL	3288 PIERCE ST STE. A118	RICHMOND	94804-5911
FOOD SERVICE		V H NOODLE HOUSE INC	3288 PIERCE ST STE. B 101	RICHMOND	94804-5911
FOOD SERVICE		SICHUAN FUSION	3288 PIERCE ST STE. B109	RICHMOND	94804-5911
FOOD SERVICE		J & S COFFEE TEA HOUSE	3288 PIERCE ST STE. C116	RICHMOND	94804-5911
FOOD SERVICE		MACAU CAFÉ	3288 PIERCE ST STE. C136	RICHMOND	94804-5911
FOOD SERVICE		SHENG KEE BAKERY & CAFÉ	3288 PIERCE ST STE. C138	RICHMOND	94804-5911

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FOOD SERVICE		TEN REN TEA	3288 PIERCE ST STE. C141	RICHMOND	94804-5911
FOOD SERVICE		JUST YOGURT	3288 PIERCE ST STE. F100	RICHMOND	94804-5911
FOOD SERVICE		UNCLE SAM LIQUOR-N-DELI	3322 CUTTING BLVD	RICHMOND	94804
FOOD SERVICE		TAQUERIA CHAVINDA	3330 CUTTING BLVD	RICHMOND	94804-3125
FOOD SERVICE		MCDONALD'S 37141	3350 KLOSE WY	RICHMOND	94804
FOOD SERVICE		LA PERLA	338 NEVIN AVE	RICHMOND	94801-3015
FOOD SERVICE		IHOP 1714	3401 KLOSE WY	RICHMOND	94803
FOOD SERVICE		DOMINO'S PIZZA	3431 D MACDONALD AVE	RICHMOND	94805-2111
FOOD SERVICE		LINDA'S BAKERY	3431C MACDONALD AVE	RICHMOND	94805-2111
FOOD SERVICE		GREAT AMERICAN HAMBURGER & PIE	35 E. RICHMOND AVE	RICHMOND	94801-4032
FOOD SERVICE		MR. PIZZA MAN	353 24TH ST.	RICHMOND	94804-1768
FOOD SERVICE		JJ FISH & CHICKEN	3600 MACDONALD AVE.	RICHMOND	94804-2103
FOOD SERVICE		CHURCH'S CHICKEN #3118	3701 MACDONALD AVE	RICHMOND	94805-2226
FOOD SERVICE		RICHMOND GALILEO CLUB	371 23RD ST.	RICHMOND	94804-2807
FOOD SERVICE		TAQUERIA MARIA	3800 KLOSE WY	RICHMOND	94801
FOOD SERVICE		SUBWAY SANDWICHES 22196	3800 KLOSE WY STE. F	RICHMOND	94806
FOOD SERVICE		ME N ED'S PIZZA	3800 KLOSE WY STE. H	RICHMOND	94806
FOOD SERVICE		WINGSTOP	4250 MACDONALD AVE	RICHMOND	94805-2315
FOOD SERVICE		SUBWAY SANDWICH MACDONALD	4250 B MACDONALD AVE	RICHMOND	94805-2315
FOOD SERVICE		PANDA EXPRESS #1692	4250A MACDONALD AVE	RICHMOND	94805-2315
FOOD SERVICE		HILLTOP FOOD MART	4251 HILLTOP DR	RICHMOND	94803-1723
FOOD SERVICE		C & C MARKET	436 CARLSON BLVD	RICHMOND	94804-3118
FOOD SERVICE		STARBUCKS COFFEE & PIZZA HUT @ TARGET	4500 MACDONALD AVE	RICHMOND	94805-2307
FOOD SERVICE		LITTLE LOUIE'S DELI	49 WASHINGTON AVE	RICHMOND	94801
FOOD SERVICE		CAFÉ MCBRYDE	4925 MCBRYDE AVE	RICHMOND	94805
FOOD SERVICE		HOTEL MAC RESTAURANT	50 WASHINGTON ST	RICHMOND	94801-3945
FOOD SERVICE		CARNICERIA MI TIERRA	516 23RD ST	RICHMOND	94804
FOOD SERVICE		BURGER KING #11964 CUTTING	550 CUTTING BLVD.	RICHMOND	94804
FOOD SERVICE		PANADERIA GUATEMALTECA	653 23RD ST	RICHMOND	94804-1481
FOOD SERVICE		HAND'S LIQUOR & DELI	662 23RD ST.	RICHMOND	94804-1454
FOOD SERVICE		GABY'S ICE-CREAM	717 23RD STREET	RICHMOND	94804
FOOD SERVICE		PORTUMEX	721 23RD ST	RICHMOND	94804-1446
FOOD SERVICE		WCCSD CENTRAL KITCHEN	750 BISSELL AVE	RICHMOND	94801-3019
FOOD SERVICE		SERRANO'S BAKERY (FORMERLY 'SERRANO'S PANADERIA Y TAQUERIA)	773 23RD ST	RICHMOND	94804-1465
FOOD SERVICE		LOS MEXICANOS DELI	779 23RD ST.	RICHMOND	94804-1465
FOOD SERVICE		LOS GRULLENSES #2	812 MARKET ST	RICHMOND	94801-1325
FOOD SERVICE		NEIGHBORHOOD HOUSE OF NORTH RICHMOND	820 23RD ST.	RICHMOND	94804-1338
FOOD SERVICE		CHEVRON REFINERY CAFETERIA	841 CHEVRON WAY	RICHMOND	94801
FOOD SERVICE		GOURMET CHOICE #1	850 MARINA BAY PARKWAY	RICHMOND	94804
FOOD SERVICE		ARTISAN KITCHEN	865 MARINA BAY PARKWAY	RICHMOND	94801
FOOD SERVICE		MORRISON FOODSERVICE @ KAISER (NEVIN)	901 NEVIN AVE	RICHMOND	94801-3143
FOOD SERVICE		EL TAPATIO RESTAURANT	910 23RD ST.	RICHMOND	94804-1202
FOOD SERVICE		CAFÉ BY THE BAY	915 W CUTTING BLVD	RICHMOND	94804
FOOD SERVICE		SUBWAY #39013	930 23RD ST.	RICHMOND	94804-1252
FOOD SERVICE		SUPER CHURROS	930 23RD ST.	RICHMOND	94804-1252
FOOD SERVICE		EL LIMON TAQUERIA (FORMERLLY 'CAFÉ EURO)	931 23RD ST	RICHMOND	94804
FOOD SERVICE		COCO HUT EXPRESSO	100 37TH ST	RICHMOND	94804-3207
FOOD SERVICE (MOBILE)		LA FLOR DE JALISCO TACO TRUCK (FORMERLY 'GONZALEZ MEXICAN RESTAURANT)	12955 SAN PABLO AVE	RICHMOND	94805-1352
FOOD SERVICE (MOBILE)		LA FLOR DE JALISCO RESTARUANT/TACOS RODRIGUEZ #2	2409 MACDONALD AVE	RICHMOND	94804-1822
FOOD SERVICE (MOBILE)		LA FLOR DE JALISCO TACO TRUCK #2	710 23RD ST	RICHMOND	94804
FOOD SERVICE (MOBILE)/GROCERY		LA FLOR DE JALISCO MARKET AND TACO TRUCK	2031 MACDONALD AVE.	RICHMOND	94804-3309
FOOD SERVICE/APARTMENTS		DEL NORTE PLACE	11720 SAN PABLO AVE	EL CERRITO	94530-
FOOD SERVICE/ENTERTAINMENT		CENTURY THEATERS HILLTOP	3200 KLOSE WY	RICHMOND	94806-1951
FOOD SERVICE/GROCERY		SUPER MERCADO TRUJILLO	1025 13TH ST	RICHMOND	94801-2306
FOOD SERVICE/GROCERY		RINCON LATINO MARKET & TAQUERIA	12851 SAN PABLO AVE	RICHMOND	94805-1304
FOOD SERVICE/GROCERY		LA RAZA MKT / CARNICERIA/TAQUERIA	2131 MACDONALD AVE	RICHMOND	94801-3310
FOOD SERVICE/GROCERY		99 RANCH MARKET	3288 PIERCE ST STE. F	RICHMOND	94804-5911
FOOD SERVICE/LODGING		COURTYARD BY MARRIOTT	3150 GARRITY WAY	RICHMOND	94806-1983
FOOD SERVICE/MARKET		RANCHO MARKET & DELI	500 MARKET AVE	RICHMOND	94801-1646
FUNERAL HOME		STEWARTS ROSE MANOR FUNERAL HOME	3305 MACDONALD AVE	RICHMOND	94805-2110
GAS STATION		HARBOUR WAY MART 'ERI (CUTTING BLVD. EXXON STATION)	1001 CUTTING BLVD	RICHMOND	94804
GAS STATION		ENERGY GAS & MART (FORMERLY 'SERVO GASOLINE & SNACK)	12453 SAN PABLO AVE	RICHMOND	94805-1954
GAS STATION		VALERO GAS STATION (FORMERLY 'EXXON COMPANY, USA)	12678 SAN PABLO AVE	RICHMOND	94805-1408
GAS STATION		VALERO OPERATED STORE #7103	12678 SAN PABLO AVE	RICHMOND	94805-1408
GAS STATION		ARCO GAS STATION/AM PM (FORMERLY 'M & N MINI MART)	12890 SAN PABLO AVE	RICHMOND	94805-1305
GAS STATION		IMPERIAL 76	1503 CARLSON BLVD	RICHMOND	94804-5063
GAS STATION		ARCO GAS STATION/AM PM	15501 SAN PABLO AVE	RICHMOND	94806
GAS STATION		STOP & SAVE GASOLINE	2221 CUTTING BLVD	RICHMOND	94804
GAS STATION		AM/PM MINI MARKET	2230 BARRETT AVE	RICHMOND	94804
GAS STATION		BP WEST COAST PRODUCTS LLC	2230 BARRETT AVE	RICHMOND	94804
GAS STATION		RICHMOND CHEVRON	2234 MACDONALD AVENUE	RICHMOND	94801
GAS STATION		CHEVRON STATIONS INC #1722	3411 BLUME DR	RICHMOND	94806-1935
GAS STATION		RICHMOND GAS (VALERO)/FOOD & CARWASH	3701 CUTTING BLVD	RICHMOND	94804-3244
GAS STATION		CHEVRON STATION #9-0600	4838 MACDONALD AVE	RICHMOND	94805

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GAS STATION		SUNNY CHEVRON	4838 MACDONALD AVE	RICHMOND	94805-2311
GAS STATION		CUTTING ARCO FOOD MART	5001 CUTTING BLVD	RICHMOND	94804-3472
GAS STATION		CENTRAL VALERO	5430 CENTRAL AVE	RICHMOND	94804-5903
GAS STATION		GOLDEN 7 QUICKSTOP FOOD & GAS	575 23RD ST	RICHMOND	94804-1626
GAS STATION		GOLDEN GATE PETROLEUM	700 JULIGA WOOD	RICHMOND	94801
GAS STATION		STOP & SHOP	800 CARLSON BLVD	RICHMOND	94804-4631
GAS STATION		UNITED GAS & FOOD MART	850 23RD ST	RICHMOND	94804-1364
GAS STATION		CHEVRON USA #1513	901 W CUTTING BLVD	RICHMOND	94804-2027
GAS STATION		ONE STOP GAS AND MINI MART (FORMERLY US GAS)	938 13TH ST	RICHMOND	94801-
GOLF COUNTRY CLUB		RICHMOND GOLF & COUNTRY CLUB	1 MARKOVICH LN	RICHMOND	94806-1825
GREASE RENDERING	2 071025140	ENCORE OILS	3501 COLLINS AVE	RICHMOND	94804
GROCERY		EL CERRITO NATURAL GROCERY	10367 SAN PABLO AVE	EL CERRITO	94530-
GROCERY		EL CHALATECO (FORMERLY MI RAZA MARKET)	1045 23RD ST	RICHMOND	94804-1257
GROCERY		SUPER SAVE MARKET	1170 23RD ST.	RICHMOND	94804-1052
GROCERY		FOODS CO #352	1250 MACDONALD AVE	RICHMOND	94804
GROCERY		HALAL MARKET	12843 SAN PABLO AVE	RICHMOND	94805-1304
GROCERY		RICHMOND HALAL MARKET	12843 SAN PABLO AVE	RICHMOND	94804
GROCERY		FIESTA LATINA SUPERMARKET	1430 CUTTING BLVD	RICHMOND	94804-2557
GROCERY		MIKE'S MARKET	1434 BISSELL AVE	RICHMOND	94801-3628
GROCERY		SANTA FE MARKET	155 W. RICHMOND AVE	RICHMOND	94801-3950
GROCERY		PT. RICHMOND MARKET	160 WASHINGTON AVE	RICHMOND	94801
GROCERY		OHIO MARKET	1700 OHIO AVE	RICHMOND	94804-2616
GROCERY		BARRETT AVE MARKET	1913 BARRETT AVE	RICHMOND	94804
GROCERY		RICHMOND FOOD CENTER	2230 CUTTING BLVD	RICHMOND	94804
GROCERY		EL CAMPESINO MARKET	231 23RD ST.	RICHMOND	94804-1830
GROCERY		AZTECA SPORT MINI MARKET	3405 MACDONALD AVE	RICHMOND	94805-2111
GROCERY		MORE VALUE FOODS	3625 MACDONALD AVE	RICHMOND	94804
GROCERY		VALMAR MARKET/NORMA MEAT & DELI	3630 BARRETT AVE	RICHMOND	94805-2144
GROCERY		NEW HENG FATH SUPERMARKET	435 23RD ST.	RICHMOND	94804-1624
GROCERY		MI TIERRA SUPERMERCADO	516 23RD STREET	RICHMOND	94804
GROCERY		MI PUEBLO MARKET	544 HARBOUR WAY	RICHMOND	94801-2746
GROCERY		PITRE MARKET	630 PENNSYLVANIA AVE	RICHMOND	94801-2260
GROCERY		CARNICERIA CHAVINDA / MEAT MARKET	658 23RD ST	RICHMOND	94804
GROCERY		MARTINEZ MEAT MARKET	658 23RD ST	RICHMOND	94804-1454
GROCERY		SUPERMERCADO LA RAZA	705 23RD ST.	RICHMOND	94804-1446
GROCERY		DISCOLANDIA MARKET	787 23RD ST	RICHMOND	94804
GROCERY		CISCO MEAT MARKET /THIRTEENTH STREET MARKET	928 13TH ST	RICHMOND	94801-2305
GROCERY		JOE'S MARKET	95 MACDONALD AVE	RICHMOND	94801-2917
HALL		VETERAN'S MEMORIAL / AMERICAN LEGION HALL	968 23RD ST	RICHMOND	94804-1253
HEALTH CARE		SHIELDS/RICHMOND NURSING CENTER	1919 CUTTING BLVD	RICHMOND	94804-2662
HEALTHCARE		GREATER RICHMOND INDUSTRIAL CLINIC	120 BROADWAY	RICHMOND	94804-1938
HEALTHCARE		FAMILY COURTYARD (FORMERLY FAMILY MANOR RESIDENTIAL CARE)	2840 SALESIAN AVE	RICHMOND	94804-1026
HOSPITAL		KAISER PERMANENTE (NEVIN)	901 NEVIN AVE	RICHMOND	94801-3143
HOUSING		VINTAGE ESTATES OF RICHMOND	955 23RD ST.	RICHMOND	94804-1250
LABORATORY		UC FIELD STATION	1301 S 46TH ST BLDG 175	RICHMOND	94804-4600
LABORATORY		USEPA REGION IX LABORATORY	1337 S 46TH ST	RICHMOND	94804-4603
LABORATORY	2 071001695	REACTION PRODUCTS FILED NOT	840 MORTON AVENUE	RICHMOND	94806-1756
LABORATORY		CALIFORNIA DEPARTMENT OF PUBLIC HEALTH	850 MARINA BAY PARKWAY	RICHMOND	94804
LAUNDRY		SUPER COIN OP	12921 SAN PABLO AVE	RICHMOND	94804
LODGING		ROCKEFELLER LODGE	2650 MARKET AVE	RICHMOND	94806-4544
LUMBER		CHANNEL LUMBER CO INC	100 W CUTTING	RICHMOND	94804
MACHINE SERVICING		DAHL-BECK ELECTRIC	2775 GOODRICK AVE	RICHMOND	94801-1109
MANUFACTURE		CHEVRON ENERGY TECHNOLOGY CO. (RESEARCH)	100 CHEVRON WAY	RICHMOND	94801-0627
MANUFACTURE	2 071014270	IMTT	100 CUTTING BLVD	RICHMOND	94804-2126
MANUFACTURE	2 071009260	NATIONAL GYPSUM	1040 CANAL BLVD	RICHMOND	94804-3550
MANUFACTURE	2 071021919	SASOL WAX (FORMERLY LUX)	108 CUTTING BLVD	RICHMOND	94804-2126
MANUFACTURE	2 071017267	AIR LIQUIDE AMERICA	1100 HENSLEY ST	RICHMOND	94801-2119
MANUFACTURE		KINDER MORGAN ENERGY PARTNERS, LLC	1140 CANAL BLVD	RICHMOND	94804-3552
MANUFACTURE	2 071020506	SHAPER LIGHTING (FORMERLY COOPER LIGHTING)	1141 MARINA WY S	RICHMOND	94804-3742
MANUFACTURE	2 071001575	CALIFORNIA OILS CORP.	1145 HARBOUR WAY SOUTH	RICHMOND	94804-3695
MANUFACTURE	2 071013150	PHILLIPS66 (FORMERLY CONOCOPHILLIPS AND TOSCO)	1300 CANAL BLVD	RICHMOND	94804-3552
MANUFACTURE	2 071017029	BP WEST COAST PRODUCTS, LLC (FORMERLY ARCO)	1306 CANAL BLVD	RICHMOND	94804-3556
MANUFACTURE	2 071005337	ECKMAN INDUSTRIES	1333 S. 51ST ST	RICHMOND	94804-
MANUFACTURE		UNI MARBLE INC	1336 S 49TH ST	RICHMOND	94804-4618
MANUFACTURE		DICON FIBEROPTICS	1689 REGATTA BLVD	RICHMOND	94804
MANUFACTURE	2 071002001	SAFEWAY BEVERAGES	1921 SAN JOAQUIN ST	RICHMOND	94804-5129
MANUFACTURE	2 071025062	ATS INC.	2785 GOODRICK AVE	RICHMOND	94801
MANUFACTURE	2 071003159	BIORAD	3110 REGATTA BLVD	RICHMOND	94804-4530
MANUFACTURE	2 071023229	ZYGO CORPORATION	3900 LAKESIDE DRIVE	RICHMOND	94806-
MANUFACTURE		ALLIED PROPANE SERVICE	5000 SEAPORT AVE	RICHMOND	94804-4695
MANUFACTURE		GENERAL CHEMICAL - RICHMOND WORKS	525 CASTRO ST	RICHMOND	94801-2104
MANUFACTURE	2 071001484	CALIFORNIA CASTINGS INC.	530 S 11TH ST	RICHMOND	94804-3603
MANUFACTURE		INDUSTRIAL BATTERY	673 ERLANDSON ST	RICHMOND	94804-4157
MANUFACTURE		AIRGAS CARBONIC, INC	731 CUTTING BLVD	RICHMOND	94804
MANUFACTURE	2 071009863	LINDE, INC (FORMERLY BOC GASES)	731 W. CUTTING BLVD	RICHMOND	94804-2023

TYPE OF BUSINESS	NOI/WDID	FACILITY NAME	LOCATION	CITY	ZIP CODE
MANUFACTURE	2 071017582	BP LUBRICANTS (FORMERLY CASTROL INC.)	801 WHARF ST	RICHMOND	94804-3557
MANUFACTURE		GREEN PRODUCT CO	810 MARKET AVE	RICHMOND	94801
MANUFACTURE	2 071021324	AMTECOL (FORMERLY SUNOCO)	810 WRIGHT AVE	RICHMOND	94804-3699
MANUFACTURE		CHEVRON RICHMOND REFINERY	841 CHEVRON WAY	RICHMOND	94802
MANUFACTURE		BRENNITAG (FORMERLY LA CHEMICAL)	860 WHARF ST	RICHMOND	94804-3568
MANUFACTURE	2 071002000	SAFEWAY BREAD PLANT	905 S 34TH ST	RICHMOND	94804-4120
MANUFACTURE		CHEVRON USA (FORMERLY CHEMICAL CO.)	940 HENSLEY ST	RICHMOND	94801-2106
MANUFACTURE	2 071019594	SOUTHERN COUNTRIES LUBRICANTS	992 HENSLEY STREET	RICHMOND	94801-
MARINE TRANSPORTATION MAINTENANC	2 071014565	KKMI	530 W CUTTING BLVD	RICHMOND	94804-2021
METAL FABRICATOR	2 071025003	METALSET INC	1200 HENSLEY ST	RICHMOND	94801
METAL FABRICATOR		MICHAEL BONDI METALS	2801 GIANT RD	RICHMOND	94806
METAL FINISHER		RICHMOND METAL PAINTING	1143 MARINA WAY S	RICHMOND	94804-3742
METAL FINISHER	2 071020846	ELECTRO-FORMING CO.	130 NEVIN AVE	RICHMOND	94801-2900
METAL FINISHER	2 071015099	PARKER HANNIFIN CORP., VERIFLO DIVISION	250 CANAL BLVD	RICHMOND	94804-2002
METAL FINISHER		CONVERSION COATINGS	710 S 33RD ST	RICHMOND	94804-4112
METAL RECYCLER	2 071005110	SIMS METAL MANAGEMENT	600 S 4TH ST	RICHMOND	94804-3504
METAL WORKS		USA IRONWORK & HANDY MAN	100 S 23RD ST	RICHMOND	94804
METAL WORKS		MORALES ORNAMENTAL IRON WORKS	110 S 23RD ST L	RICHMOND	94804
MISCELLANEOUS		SOCIAL SECURITY ADMINISTRATION	1221 NEVIN AVE	RICHMOND	94801-3123
NURSERY		THE WATERSHED NURSERY	601 CANAL BLVD	RICHMOND	94804-3541
NURSERY		ANNIE'S ANNUALS	740 MARKET AVE	RICHMOND	94805
PRINT SHOP		TRADE LITHOGRAPHY	720 SO. HARBOUR WAY	RICHMOND	94804-3631
RECYCLER	2 071001858	PICK AND PULL	1015 MARKET AVE	RICHMOND	94806-4380
RECYCLER		F.S. TIRE RECYCLING	1935 MACDONALD AVE	RICHMOND	94801
RECYCLER		CYPRESS PALLET	2550 GARDEN TRACK RD	RICHMOND	94801-
RECYCLER		GREEN WASTE RECYCLERS	2550 GARDEN TRACT ROAD	RICHMOND	94806-1006
RETAIL		THE HOME DEPOT #643	11939 SAN PABLO AVE	EL CERRITO	94530
RETAILS		WALMART 3455	1400 HILLTOP MALL RD	RICHMOND	94806-1913
SCHOOL		RICHMOND HIGH SCHOOL	1250 23RD ST.	RICHMOND	94804-1011
SCHOOL		ST. CORNELIUS ELEMENTARY SCHOOL	201 28TH ST.	RICHMOND	94804-3001
STORAGE		PUBLIC STORAGE (SHURGARD STORAGE CENTER?)	3230 PIERCE ST, EL CERRITO	RICHMOND	94530-
TRANSPORATION	2 071001646	BAY MARINE BOATWORKS	310 W CUTTING BLVD	RICHMOND	94804-2018
TRANSPORATION	2 071012998	BURLINGTON NORTHERN SANTA FE	980 HENSLEY ST, BLDG 417	RICHMOND	94801
TRANSPORTATION	2 071009437	BAY AREA RAPID TRANSIT	1281 VISALIA AVE	RICHMOND	94801-2331
TRANSPORTATION	2 071003037	AC TRANSIT	2016 MACDONALD AVE	RICHMOND	94801-3356
TRANSPORTATION/PARKING		RICHMOND BART PARKING STRUCTURE	1503 16TH ST	RICHMOND	94804
TRANSPORTATION/SHIPPING	2 071002010	UNITED PARCEL	1600 ATLAS RD	RICHMOND	94805-
TRANSPORTATION/SHIPPING	2 071013009	US POSTAL SER SF BULK MAIL CTR	2501 RYDIN RD	RICHMOND	94850-5825
TRANSPORTATION/SHIPPING		QUALITY CARRIERS	2750 GOODRICK AVE	RICHMOND	94801-1110
TRANSPORTATION/SHIPPING	2 071015037	DURKEE DRAYAGE	3655 COLLINS AVE	RICHMOND	94804-2074
TRANSPORTATION/SHIPPING	2 071002394	LEVIN RICHMOND TERMINALS	402 WRIGHT AVE	RICHMOND	94804-3532
TRANSPORTATION/SHIPPING		PLAINS ALL AMERICAN (FORMERLY PACIFIC TERMINALS)	488 WRIGHT AVE	RICHMOND	94804-3532
TRANSPORTATION/SHIPPING	2 071021596	EAGLE ROCK AGGREGATES INC	700 WRIGHT AVE	RICHMOND	94804-3503
UTILITIES		WASTEMANAGEMENT CURBSIDE (ALLIED BOX)	1015 CHESLEY AVE	RICHMOND	94801-2139
UTILITIES	2 071001575	EBMUD	105 BROOKSIDE DRIVE	RICHMOND	94801-
UTILITIES	2 071025160	PACIFIC GAS & ELECTRIC COMPANY	1100 S 27TH ST	RICHMOND	94804-4571
UTILITIES	2 071002523	RICHMOND SANITARY SERVICE INC	1PARR BLVD	RICHMOND	94801-
UTILITIES	2 071005433	WEST COUNTY WASTEWATER DISTRICT	2377 GARDEN TRACT RD	RICHMOND	94801
WASTE STORAGE/HAULING	2 071015121	VEOLIA ES TECHNICAL SOLUTIONS LLC (FORMERLY ONYX)	1125 HENSLEY ST	RICHMOND	94801-2118

TOTAL NUMBER OF BUSINESSES: 486

## **Attachment #2**

### **City of Richmond**

# **Plan and Schedule for Implementation of Additional Trash Load Reduction Control Actions to Attain 70% by July 1, 2017**

Submitted to the  
California Regional Water Quality Control Board for the San Francisco Bay Region  
September 30, 2016  
in compliance with Provision C.10 of the Municipal Regional Stormwater Permit

## A. Introduction

The following plan and schedule for implementation of additional trash load reduction control measures is designed to attain the 70% trash load reduction mandate by July 1, 2017. This plan is being submitted to satisfy Provisions C.10.a.i and C.10.f.v.a of the Municipal Regional Stormwater Permit.<sup>1</sup>

The City of Richmond plans to achieve the 70% trash load reduction mandate by July 1, 2017 by implementing various control measures, full trash capture devices (connector pipe screens, baskets, hydrodynamic separators, and C.3 LIDS), visual assessment to evaluate the effectiveness of “Love Your Block,” a program in which residents adopt and beautify their neighborhoods through litter clean-ups and arts, styrofoam and plastic bag bans, and offsets measures such as additional creek and shoreline clean-ups, implement a direct discharge program with approval of the Regional Waterboard.

## B. Implementation of Additional Full Trash Capture

The City of Richmond has an executed contract to install 120 connector pipe screen units in September, 2016. Furthermore, the City plans to install 42 baskets (from private projects, and approximately 10 C.3 LIDs (from private projects) during FY 2016-2017. Refer to Table 1 for additional details.

**Table 1: Additional Full Trash Capture Devices to Be Installed**

<b>Types of Devices</b>	<b>Total Number of Devices Per Type to Be Installed in FY 2016-2017</b>
Connector Pipe Screens	120
Baskets (TopHats, Crescents, etc.)	42
Hydrodynamic Separators	0
Gross Solids Removal Device	0
C.3 LID	50
Other	0
<b>Total</b>	<b>172</b>

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<sup>1</sup> 1 Order R2-2015-0049, issued by the California Regional Water Quality Control Board for the San Francisco Bay Region became effective on January 1, 2016 and applies to 76 cities, towns, counties, and flood control districts.

The installation of 172 devices would treat a total of approximately 591 acres. The additional acres that would be treated per trash generation rate per TMA are provided in Table 2.

**Table 2: Additional Acres Proposed to be Treated by Full Trash Capture Devices Per Trash Generation Rate Per Trash Management Area in 2016-2017 and Projected Jurisdiction-Wide Percent Reduction**

TMA	Additional Acres Proposed to Be Treated by Full Trash Capture Devices					Projected Jurisdiction-Wide Percent Reduction
	Low	Mod	High	Very High	Total Acres	
1	0	0	0	14	14	<b>26.7%</b>
2	101	50	91	58	299	
3	0	7	0	0	7	
4	0	0	0	0	0	
5	0	5	0	0	5	
6	5	5	16	130	156	
7	0	0	0	0	0	
8	2	107	0	0	109	
9	0	0	0	0	0	
<b>Total</b>	<b>107</b>	<b>174</b>	<b>107</b>	<b>203</b>	<b>591</b>	

**C. Implementation of Other Control Measures**

The City will continue to implement the Love Your Block litter and neighborhood beautification campaign in FY 16-17. Under the Community Services Department, Richmond Love Your Block strives to change Richmond neighborhoods one block at a time. The City encourages its residents to be involved in beautifying their blocks. With this program, residents get to develop revitalization projects that will make Richmond more attractive, sustainable, and safe. Residents get to lead these projects and get their community members involved. The City funds projects through Love Your Block mini-grants and support residents by encouraging partnerships between them and city officials, city services, local organizations, and community members. But in the end, residents and Richmond residents are the key drivers of success for Love Your Block.

During the first year, residents and organizations competed for and received up to \$1,000

each in Love Your Block mini-grant funds and resources to complete beautification projects in Richmond. These projects ranged from community gardens to neighborhood clean-ups. Throughout each project, the Community Services Department and other city departments worked together with residents and community members to provide city services and support.

Visual assessment will be conducted to evaluate the effectiveness of the campaign as did in FY 14-15. Though this campaign was implemented in FY 15-16, visual assessment was not performed due to the lack of staff, thus trash percent reduction was not claimed.

**Table 3: Projected Reapportioned Acres Per Trash Generation Rate Per TMA Based on Implementation of Control Measures Other than Full Trash Capture Devices in FY 2016-2017**

TMA	Projected Reapportioned Acres Based on Implementation of Non-Full Trash Capture Control Measures					Projected Jurisdiction-Wide Percent Reduction
	Low	Mod	High	Very High	Total Acres	
1	0	0	0	0	0	22.3%
2	786	1,185	775	48	2,794	
3	0	0	0	0	0	
4	0	0	0	0	0	
5	0	0	0	0	0	
6	708	684	86	0	1,376	
7	452	135	1	0	588	
8	0	0	0	0	0	
9	0	0	0	0	0	
<b>Total</b>	<b>1,946</b>	<b>2,004</b>	<b>862</b>	<b>48</b>	<b>4,860</b>	

**D. Jurisdiction-Wide Actions**

1. Source Control

The City will continue to implement and enforce the adopted Styrofoam and Plastic Bag Bans at local retail stores and food service establishments. Retail stores and food services establishments are inspected randomly as well as scheduled during the year to ensure they are in compliance with the aforementioned bans. Thus far, stores have been in compliance which coincides with data collected from Coastal Clean Up Day. Since

the implementation of the bans in 2012 and 2014, there has been a 90% decrease in amount of plastic bags and Styrofoam products observed in local water bodies.

## 2. Offsets

- a) The City of Richmond conducted three day (March 2-4, 2016) additional cleanups at Meeker Slough, at the mouth of Slough and San Francisco Bay. The removed litters were either from upstream and/or brought into the area by high tides from the Bay. The City plans to control litters in Meeker slough by installing netting devices and/or full trash capture devices upstream. The City anticipates to host additional clean up at Meeker Slough in FY 16-17, though the exact dates are to be determined.
- b) The City of Richmond will submit to the Regional Waterboard a plan, which describes direct discharge program per MRP Provision C.10.e.ii., to be implemented in FY 2016-2017 and onward with formal approval from the Regional Waterboard. The plan will describe a program to clean up homeless encampments along Baxter Creek, Castro Creek, and Wildcat Creek, and sites experiencing frequent illegal dumping. Furthermore, program effectiveness will be evaluated through documented numbers of creek clean-ups conducted, amounts of debris removed, number of encampments dismantled, and measures to deter re-establishment of encampments such as frequent patrols along creeks. Encampments and frequent illegal dumping sites will be mapped on an ARC GIS layer so they could be easily monitored by Code Enforcement staffs.

## **E. Summary of Control Measures and Offsets with Anticipated Percent Reduction**

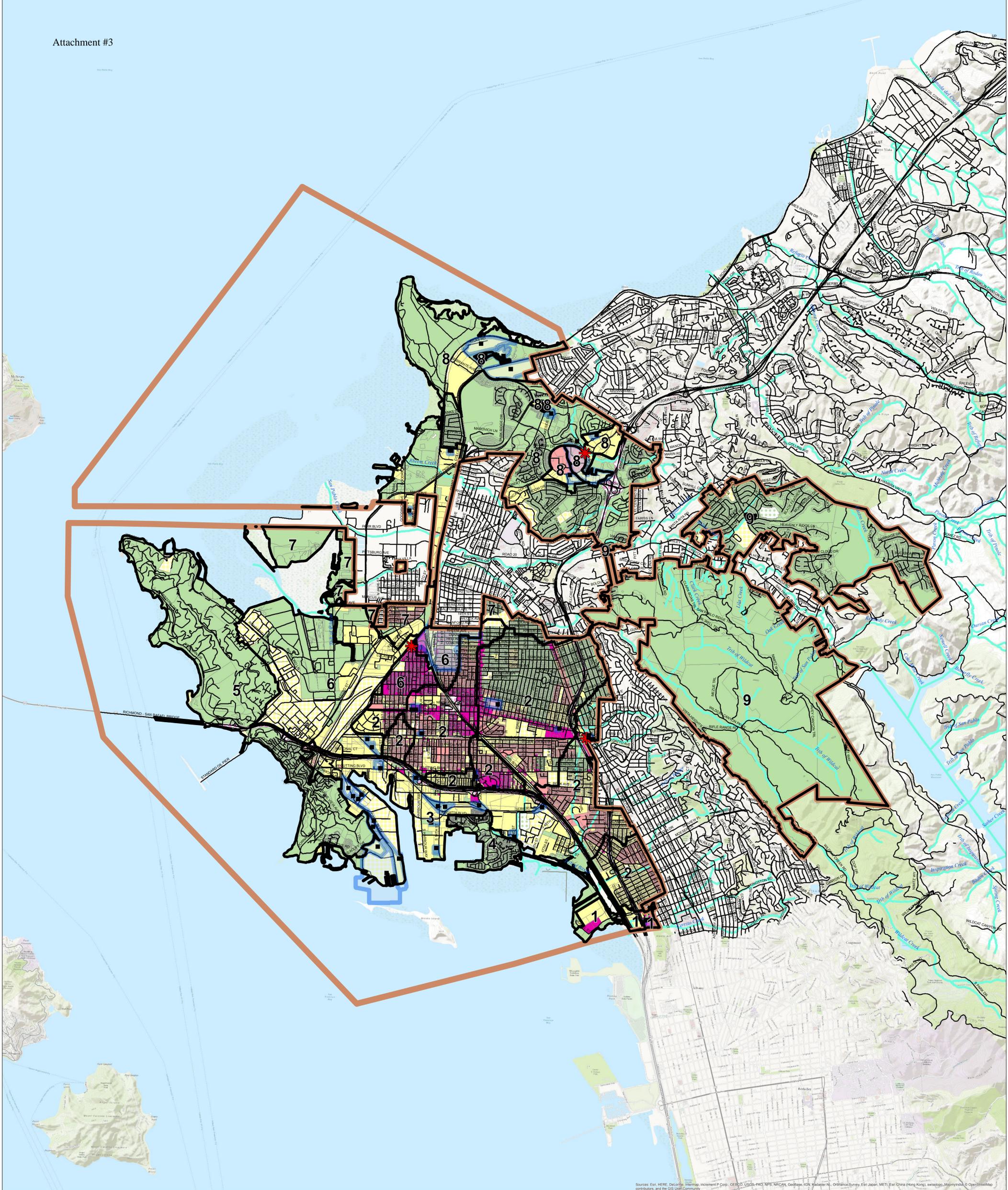
By implementing all of the aforementioned trash control measures, installation of full trash capture devices, implementation of the Love Your Block Campaign followed up with visual assessments of program effective, Styrofoam and plastic bag bans, additional creek and shoreline clean ups, and implementation of direct discharge program with approval of the Regional Waterboard, the City of Richmond will attain 78.9% of trash reduction, which will be in compliance with MRP 2.0 Provision C.10 trash load reduction of 70% requirement by July 1, 2017.

**Table 4: Projected Percent Reduction in Trash Load Through FY 2016-2017**

<b>Totals</b>	<b>Current Percent Reduction as of July 1, 2016</b>	<b>Projected Percent Reduction Through July 1, 2017</b>
<i>Actions</i>		
Full Trash Capture Devices	7.0%	26.7%
Other Measures	0.0%	22.3%
Source Controls	10.0%	10.0%
<i>Subtotal</i>	<b>17.0%</b>	<b>58.9%</b>
<i>Offsets</i>		
Additional Creek and Shoreline Cleanups	10.0%	10.0%
Direct Discharge Program	0.0%	10.0%
<i>Subtotal</i>	<b>0.0%</b>	<b>20.0%</b>
<b>Total</b>	<b>27.0%</b>	<b>78.9%</b>

**F. Plan and Schedule for Implementation Summary**

The City of Richmond strives to be in compliance with MRP Provision C.10 70% trash load reduction requirement. However, challenges the City may encounter are obtaining governing body approval of requested funds for the purchase and installation of the additional connector pipe screens for compliance in the future.



# RICHMOND Full Trash Capture and Trash Management Area Map

<b>Trash Generation Category</b>	Creek/Shoreline Hotspot	Streets
Low	Trash Management Area	Agency Boundary
Medium	Full-Capture Location	Creeks
High	Full Trash Capture	Parcel Boundary
Very High	Non-Jurisdictional (Dot color = Generation Category)	

0 0.475 0.95 1.9 Miles



Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed.

Map Created By CCCWP GIS

9/28/2016