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County of Alameda  
Alameda County Flood  
Control and Water  
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Zone 7 Water Agency

**CITY OF UNION CITY**

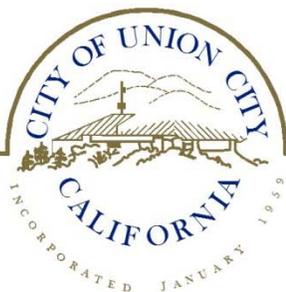
FISCAL YEAR

2011-2012

**ANNUAL REPORT OF  
STORMWATER PROGRAM  
IMPLEMENTATION**

Submitted to:  
California Regional Water Quality  
Control Board, San Francisco Bay  
Region

September 17, 2012



34009 ALVARADO-NILES ROAD  
UNION CITY, CALIFORNIA 94587  
T 510.675.5305 F 510.489.9468

September 17, 2012

Mr. Bruce Wolfe  
Executive Officer  
California Regional Water Quality Control Board  
1515 Clay Street, Suite 1400,  
Oakland, California 94612

Subject: Clean Water Program – Annual Report 2011-2012  
NPDES Permit No. CAS612008

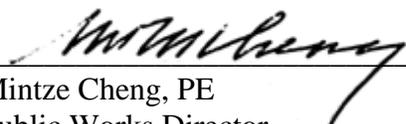
Dear Mr. Wolfe,

Attached for your review, please find a copy of the subject Annual Report for the City of Union City Clean Water Program.

I certify under penalty of law that this document and all attachments are 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 managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need further information regarding this submittal, please contact me at (510) 675-5306 or Thomas Ruark, City Engineer at (510) 675-5301.

Sincerely,

  
\_\_\_\_\_  
Mintze Cheng, PE  
Public Works Director

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- Attachment 1 – C.4.b.iii.(1) – Potential Facilities List – Current Permits & Food Facilities
- Attachment 2 – C.4.b.iii.(2) – Facilities Scheduled For Inspection List FY 2012-13
- Attachment 3 – C.5.d.iii(1 to 3) – Mobile Businesses Fact Sheets
- Attachment 4 – C.5.f.iii.(4) – Illicit Discharge Tracking Spreadsheet
- Attachment 5 – C.7.g – Watershed Stewardship Collaborative Efforts & Citizen Involvement Events Table
- Attachment 6 – C.9 – Ch. 12.16 – Union City Municipal Code Chapter 12.16.150 – Use of Chemical Agents  
(Adopted IPM & BMP)
- Attachment 7 – C.11.a.i – Recycling Program Report(s)

Section 1 – Permittee Information

Background Information				
<b>Permittee Name:</b>	City of Union City			
<b>Population:</b>	70,436*			
<b>NPDES Permit No.:</b>	CAS612008			
<b>Order Number:</b>	R2-2009-0074R			
<b>Reporting Time Period (month/year):</b>	July / 2011 through June / 2012			
<b>Name of the Responsible Authority:</b>	Mintze Cheng	<b>Title:</b>	Public Works Director	
<b>Mailing Address:</b>	34009 Alvarado-Niles Rd			
<b>City:</b>	Union City	<b>Zip Code:</b>	94587	<b>County:</b> Alameda
<b>Telephone Number:</b>	510-675-5305	<b>Fax Number:</b>	510-489-9468	
<b>E-mail Address:</b>	mintzec@ci.union-city.ca.us			
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Thomas Ruark	<b>Title:</b>	City Engineer	
<b>Department:</b>	Public Works - Engineering			
<b>Mailing Address:</b>	34009 Alvarado-Niles Rd			
<b>City:</b>	Union City	<b>Zip Code:</b>	94587	<b>County:</b> Alameda
<b>Telephone Number:</b>	510-675-5301	<b>Fax Number:</b>	510-489-9468	
<b>E-mail Address:</b>	thomasr@ci.union-city.ca.us			

\*Source: U.S. Census Bureau – July 2011

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

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

The City of Union City is a member of the Alameda Countywide Clean Water program. Please see the Municipal Operations section of the Alameda Countywide Clean Water program FY11/12 Annual Report Program highlights for specific information. In addition, the City conducted the following Community Outreach programs: Clean Water and Recycle Used Oil Booth at Earth Day, Philippine Festival (6/10/12), a presentation on Public Works Day to Alvarado Elementary School, and a Clean Water presentation to the School of the Deaf. Guidance provided by the Clean Water Board also allowed Union City to improve clean water efforts.

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

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

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

Comments:

Total of 12 PW Employees (including Grounds Supervisor, Streets Supervisor, and PW Superintendent), attended the "Municipal Operations Training" in Fremont on May 31<sup>st</sup>, 2012.

**C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing**

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

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

Comments:

All PW employees who clean bus shelters and etc. were given the pamphlet of "Pollution from Surface Cleaning" from BASMAA. Morning briefing was used to discuss the cleaning and disposal requirements while performing bus shelter power wash/cleaning work.

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

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

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

Comments:

The City incorporated all BMP's during the construction of the seismic retrofit of the Whipple Road Overhead over the BART Tracks.

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:  **Yes**  **No**

If your answer is **No** then skip to **C.2.e.**

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
J-2 Pump Station, 4588 Delores Drive, Union City (co-owner with Alameda County Water Conservation & Flood Control District), O&M performs by the County, City shares 25% of O&M costs. Please refer to Alameda County's report.	See Alameda County	See Alameda County	See Alameda County	See Alameda County
J-3 Pump House at 32000 Union City Boulevard. (Owned and operated by Alameda County Water Conservation & Flood Control District)	See Alameda County	See Alameda County	See Alameda County	See Alameda County
Westview, Alvarado-Niles Road between Almaden Boulevard and Highway 880. (Owned and operated by Alameda County Water Conservation & Flood Control District)	See Alameda County	See Alameda County	See Alameda County	See Alameda County

Eden Shore, West of Union City Boulevard next to Old Alameda Creek. (Owned and operated by Alameda County Water Conservation & Flood Control District)	See Alameda County	See Alameda County	See Alameda County	See Alameda County
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Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:  
 Please see Alameda County's annual report.

Summary:  
 All of the storm drain pumps stations in Union City are operated by the Alameda County Water Conservation and Flood Control District, please refer to Alameda County's annual report.

<b>Pump Station Name and Location</b>	<b>Date</b> (2x/year required)	<b>Presence of Trash</b> (Cubic Yards)	<b>Presence of Odor</b> (Yes or No)	<b>Presence of Color</b> (Yes or No)	<b>Presence of Turbidity</b> (Yes or No)	<b>Presence of Floating Hydrocarbons</b> (Yes or No)
See Alameda County	See Alameda County	See Alameda County	See Alameda County	See Alameda County	See Alameda County	See Alameda County

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural <sup>1</sup> roads:		<input type="checkbox"/>	<input checked="" type="checkbox"/> <b>No</b>
If your answer is <b>No</b> then skip to <b>C.2.f.</b>			
Place an <b>X</b> in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. 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 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: <b>N/A</b>			

<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 current <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 checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: 14 partial trash capture devices units were installed in the corporation yard to curb debris and dirt pileup in the storm drains which originate from the site.			
<b>Corporation Yard Name</b>	<b>Inspection Date</b> (1x/year required)	<b>Inspection Findings/Results</b>	<b>Follow-up Actions</b>
Union City Maintenance Facility	3/19/12	Stockpile of soil located within 50' from storm drain inlet (next to drainage ditch). Soil erosion near back of yard. Trash pickup needed. Trash container lids needed.	Trash pickup completed.
Union City Maintenance Facility	3/26/12	Stockpile of soil located within 50' from storm drain inlet (next to drainage ditch). Soil erosion near back of yard. Trash pickup needed. Trash container lids needed.	Trash pickup completed.
Union City Maintenance Facility	4/11/12	Stockpile of soil located within 50' from storm drain inlet (next to drainage ditch). Trash container lids needed.	Trash container lids ordered on May 30 <sup>th</sup> .
Union City Maintenance Facility	6/5/12	Stockpile of soil located within 50' from storm drain inlet (next to drainage ditch).	Dirt pile removed.

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

**C.3.b. ► Green Streets Status Report**

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

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

Summary:

The City received notification that the Decoto Green Street Project (C Street from 5<sup>th</sup> to 9<sup>th</sup> Street) has been selected by the State to receive \$720,000 in Grant funds. The Funding agreement is anticipated to be completed by November 2012. The project is estimated to take 24 months to design and construct once the funding agreement has been received by the City.

The City received notification that the South Decoto Green Streets Project (the area that is bordered by F Street on the west, 12<sup>th</sup> Street on the north, I Street on the east and 15<sup>th</sup> Street on the south) has been shortlisted for the Proposition 9-84 funds. The State hopes to make their determination on which projects they will fund by late 2012.

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

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

**Please see reporting table C.3.b.v.(1).**

**C.3.iii(3) Low Impact Development Reporting**

*(For FY 11-12 Annual Report only)* Report the method(s) of implementation of Provision C.3.c.i in the 2012 Annual Report. For specific tasks listed in Provision C.3.c.i. that are reported using the reporting tables required for Provision C.3.b.v, a reference to those tables is adequate.

We have modified local policies and procedures and use the most current C.3. data forms to require all regulated projects approved after December 1, 2011 to implement LID source control, site design, and stormwater treatment requirements. We are using the following Alameda County Clean Water Program documents to ensure LID implementation:

- LID Infeasibility/Feasibility Worksheets
- Biotreatment Soil Specifications
- Rainwater Harvesting & Use Feasibility Worksheet'
- HM Applicability Worksheet

Please see Table C.3.b.v. (1) for specific information on regulated projects approved during FY 11-12. Note that projects approved prior to December 1, 2011 were not required to fully implement the LID requirement in Provision C.3.c.i.

<b>C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.</b>			
<i>(For FY 11-12 Annual Report only)</i> Did your agency make any ordinance/legal authority and procedural changes to implement Provision C.3.e.?	<input type="checkbox"/>	<b>Yes.</b>	<input checked="" type="checkbox"/> <b>No</b>
If yes, attach a copy of the ordinance/legal authority changes or provide a link to the document(s). Discuss any procedural changes made. <b>N/A</b>			
<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/> <b>No</b>
Comments (optional): Any regulated project that is unable to meet all LID treatment on-site due to site-specific constraints will have the option to meet compliance via alternative compliance provisions of C.3.e.			

<b>C.3.e.vi ► Special Projects Reporting</b>			
1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/> <b>No</b>
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2012 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/> <b>No</b>
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. <b>N/A</b> 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <b>N/A</b>			

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

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

**(2)** On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

The ongoing program for inspecting all treatment devices includes public and private facilities. All city-owned public treatment measures shall be inspected on a bi-annual schedule. City staff is also required to inspect private treatment devices on an annual basis. Upon inspection of private treatment devices, city staff sends notification to property owner(s) to clean and maintain treatment device units as needed.

Regulated projects approved during the fiscal year reporting period have not built stormwater treatment or HM controls yet.

**(3)** On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

Our current operations and maintenance program has been effective in removing debris from the streets and catch basins and thus ultimately prevent debris from entering our streams. But we have not always been able to quantify and document our efforts. We continue to sweep our streets at least twice a month and we utilize a vacuum to remove leaves and debris in the fall prior to our street sweeping efforts. In addition we have installed 114 trash capture devices in our catch basins. These are located in our trash hot spots areas of retail and wholesale as well as high density residential areas. As we inspect and clean these devices we will learn which catch basins are more prone to have trash and we will modify our efforts to concentrate on the more problematic ones. We will be modifying our inspection sheets to be more detailed to provide information that is beneficial to providing us the information to be able to document our efforts.

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

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	X	<b>Yes</b>		<b>No</b>
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?	X	<b>Yes</b>		<b>No</b>
• Inspect at least 20 percent of the total number of installed vault-based systems?	X	<b>Yes</b>		<b>No</b>

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

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

Project Name Project No.	Project Location <sup>8</sup> , Street Address	Name of Developer	Project Phase No. <sup>9</sup>	Project Type & Description <sup>10</sup>	Project Watershed <sup>11</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>12</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>13</sup>	Total Pre- Project Impervious Surface Area <sup>14</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>15</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Southern Wine & Spirits (SW&S)	1555 Atlantic St. (@ Dowe Ave.)	Jones, Lang & LaSalle	N/A	Demo of existing and build new warehouse	Alameda Creek Watershed	15.2	15.2	230,400	407,200	407,200	637,600
Restoration Management Co. (RMC)	32550 Central Avenue	RMC	N/A	Add office, expand warehouse and parking.	Alameda Creek Watershed	3.00	2.3	20,007	60,552	94,094	110,883
Global Contract Manufacturing (GCM)	33233 Central Avenue	GCM	N/A	Add paved parking	Alameda Creek Watershed	2.96	1.22	20,932	22,549	83,440	104,372
<b>Public Projects</b>											
Union City Blvd. (UCB) Corridor Improvements	Portion of UCB between Smith St. and 700 ' south of Alvarado Blvd.	City of Union City	N/A	Widen roadway to install bike lane by converting portion of ex. Impervious median to travel lane	Dry Creek	6	2	0	87,120 (or 2 acre)	261,360 (or 6 acre)	261,360 (or 6 acre)

<sup>8</sup> Include cross streets

<sup>9</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>10</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>11</sup> State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

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

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

<sup>14</sup> For redevelopment projects, state the pre-project impervious surface area.

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

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

Project Name Project No.	Application Deemed Complete Date <sup>16</sup>	Application Final Approval Date <sup>17</sup>	Source Control Measures <sup>17</sup>	Site Design Measures <sup>18</sup>	Treatment Systems Approved <sup>19</sup>	Operation & Maintenance Responsibility Mechanism <sup>20</sup>	Hydraulic Sizing Criteria <sup>21</sup>	Alternative Compliance Measures <sup>22/23</sup>	Alternative Certification <sup>24</sup>	HM Controls <sup>25/26</sup>
<b>Private Projects</b>										
Southern Wine & Spirits (SW&S)	9-29-2008	11-25-2008 (3 <sup>rd</sup> party not used to certify C.3.d compliance)	trash enclosure, conserve soil, irrigation system, stencils	Runoff to vegetated areas, micro-detention areas	Bio-retention areas, flow-through planters, media filter	O & M Agreement	1b, 2c, & 3	No Alternative Compliance of off-site location or payment of in-lieu fees was proposed or required.	Third party was not used to certify design compliance with C.3.d	Bio-detention basins and units & media filter
Restoration Management Co. (RMC)	10-12-2011	11-22-2011 (3 <sup>rd</sup> party not used to certify C.3.d compliance)	Stencils, covered storage areas, trash to Sanitary	Runoff to vegetated areas	Bio-retention areas, media filter, bio-swales	O & M Agreement	1b bioretention-volume based: CASQA BMP 2b bioswale-flow based: CASQ BMP 2c kristar-flow based: uniform intensity method	No Alternative Compliance of off-site location or payment of in-lieu fees was proposed or required.	Third party was not used to certify design compliance with C.3.d	CUDO or oversized storm drains
Global Contract Manufacturing (GCM)	11-10-2011	11-30-2011(3 <sup>rd</sup> party not used to certify C.3.d compliance)	Stencils, covered storage areas, efficient landscaping, condensate to Sanitary	Runoff to vegetated areas, micro-detention	Bio-retention areas	O & M Agreement	2c	No Alternative Compliance of off-site location or payment of in-lieu fees was proposed or required.	Third party was not used to certify design compliance with C.3.d	Bio-retention areas, pervious paving

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

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

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

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

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

<sup>21</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

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

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

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

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

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

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

Project Name Project No.	Approval Date <sup>27</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>28</sup>	Site Design Measures <sup>29</sup>	Treatment Systems Approved <sup>30</sup>	Operation & Maintenance Responsibility Mechanism <sup>31</sup>	Hydraulic Sizing Criteria <sup>32</sup>	Alternative Compliance Measures <sup>33/34</sup>	Alternative Certification <sup>35</sup>	HM Controls <sup>36/37</sup>
<b>Public Projects</b>										
UCB Corridor Improvement (City Proj, No. 06-15)	8-19-2011	Sept. 2012	Efficient & Bay-friendly landscaping, stenciling	Minimize impervious areas,	Vegetated Bio-retention system	City maintenance responsibility	2c	No Alternative Compliance of off- site location or payment of in-lieu fees was proposed or required.	Third party was not used to certify design compliance with C.3.d	HM Controls are not required since the project is located in the 'gray' area which is exempt and not in HMP, per the HMP Susceptibility Map, Attach. B

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

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

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

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

<sup>31</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>32</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

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

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

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

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

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

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>38</sup>	Party Responsible <sup>39</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>40</sup>	Type of Treatment/HM Control(s) Inspected <sup>41</sup>	Inspection Findings or Results <sup>42</sup>	Enforcement Action Taken <sup>43</sup>	Comments/Follow-up
Pacific Pointe – Tract 7405	1169 Platinum	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 3030	Large amount of leaves and floatables. Approximately 2 inches of sediment.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
11 <sup>th</sup> Street Extension	11 <sup>th</sup> St/Aquamarine	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 4030	Floatables and small amount of silt. Sump contains approximately 4 inches of sediment.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
Ivywood – Subdivision 7369	32108 Condor Dr	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 2020	Floatables and small amount of silt. Sump contains approximately 1.5 inches of sediment.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
UC Sports Center	31224 Union City Blvd	No	City	9/5/11, 5/21/12	Bi-Annual	UTD – Stormceptor 450i	Trash on top.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
Talavera – Tract 7601	32811 Orick St	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 4040	Floatables and small amount of silt. Sump contains approximately 3 inches of sediment.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
Tract 7393	34199 Governo Dr	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 2020	Maintenance required.	Cleaning performed.	Scheduled for routine maintenance and cleaning early October.
UC Fire Station #3	22942 Seven St	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS MFS Model 72MH	Clean.	None.	Scheduled for routine maintenance and cleaning early October.
Sea Breeze Park	Del Monte Court/Carmel Wy	No	City	5/21/12	Annual	Pond	Clean.	None.	Scheduled for routine maintenance and cleaning early October.

<sup>38</sup> Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year.

<sup>39</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>40</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>41</sup> State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

<sup>42</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>43</sup> State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality’s Enforcement Response Plan.

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

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

<b>Name of Facility/Site Inspected</b>	<b>Address of Facility/Site Inspected</b>	<b>Newly Installed? (YES/NO)<sup>38</sup></b>	<b>Party Responsible<sup>39</sup> For Maintenance</b>	<b>Date of Inspection</b>	<b>Type of Inspection<sup>40</sup></b>	<b>Type of Treatment/HM Control(s) Inspected<sup>41</sup></b>	<b>Inspection Findings or Results<sup>42</sup></b>	<b>Enforcement Action Taken<sup>43</sup></b>	<b>Comments/Follow-up</b>
Line M Detention Basin	35902 Green St	No	City	5/21/12	Annual	Dry Pond	Clean.	None.	Scheduled for routine maintenance and cleaning early October.
Intersection by Mid-Pen	11 <sup>th</sup> St/Cheeves Wy	No	City	9/1/11, 5/21/12	Bi-Annual	UTD – CDS 4030	Floatables and silt. Sump contains approximately 10 inches of sediment.	None.	Scheduled for routine maintenance and cleaning early October.
Union Landing Shopping Center	Union Landing Shopping Center	No	Private/Sywest Development	5/21/12	Annual	UTD – CDS	It is recommended that all structures need to be cleaned to prevent clogging when rain season begins.	None.	No O&M agreement in place for this development.
Acacia Creek	34400 Mission Blvd	No	Private/Masonic Homes	10/5/11	Annual	UTD – CDS Media Filtration	Reminder will be sent to property regarding O&M agreement requirements.	Notice sent to property owner reminding property owner of annual cleaning/maintenance of devices.	Re-inspection scheduled in October 2012. Report submitted 10/5/11.
1424 Union Square	1424 Union Square	No	Private/Avalon Bay	5/21/12	Annual	UTD – CDS; Vegetated Bio-swales	Bay-Swales inspection 'OK'. Unit needs maintenance.	Notice sent to property owner reminding property owner of annual cleaning/maintenance of devices.	Re-inspection scheduled in October 2012. O&M operations completed 10/20/11 – 10/24/11
99 Ranch Market	2931 Faber St	No	Private/Welcome Market	5/21/12	Annual	UTD – Hydro International Up-Flo Filter	It is recommended that all structures need to be cleaned to prevent clogging when rain season begins.	Notice sent to property owner reminding property owner of annual cleaning/maintenance of devices.	Re-inspection scheduled in October 2012. Non-responsive, inspection will be conducted in Sept. 2012.
Mid-Pen Housing	Mid-Pen Housing	No	Private/Mid-Pen Housing Coalition	5/21/12	Annual	UTD – StormTech SC-740	Maintenance required.	Notice sent to property owner reminding property owner of annual cleaning/maintenance of devices.	Project construction completed early Sept. 2012. First report will be received by end of 2012.

**C.3.e.vi.Special Projects Reporting Table**

**Reporting Period – December 1, 2011 – June 30, 2012**

<b>Project Name &amp; No.</b>	<b>Permittee</b>	<b>Address</b>	<b>Application Submittal Date<sup>44</sup></b>	<b>Status<sup>45</sup></b>	<b>Description<sup>46</sup></b>	<b>Site Total Acreage</b>	<b>Density DU/Acre</b>	<b>Density FAR</b>	<b>Special Project Category<sup>47</sup></b>	<b>LID Treatment Reduction Credit Available<sup>48</sup></b>	<b>List of LID Stormwater Treatment Systems<sup>49</sup></b>	<b>List of Non-LID Stormwater Treatment Systems<sup>50</sup></b>
<b>No Special projects were approved in FY 2011-12</b>												

<sup>44</sup> Date that a planning application for the Special Project was submitted. If a planning application has not been submitted, include a projected application date.

<sup>45</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>46</sup> Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>47</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>48</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>49</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>50</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.

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

**Program Highlights**

Provide background information, highlights, trends, etc.

The Union City Clean Water Industrial and Commercial Site Controls Program was significantly revised and improved with the addition of new staff and improved training during the reporting period. In late-2011 a new Environmental Programs Manager and a new Environmental Program s Inspector were hired into the Environmental Programs Division, part of the City’s Economic and Community Development Department. These experienced new staff members bring a combined 20+ years of industrial and commercial facility inspection experience to the City’s program. This also brings a Registered Professional Geologist, Qualified Stormwater Developer (QSD) and Qualified Stormwater Practitioner (QSP) to the City’s Clean Water team. Three staff members participated in facility inspection training with San Mateo County Clean Water staff. One staff member did cross-training in the field with Union Sanitary District (USD) staff. This interaction led to greatly improved communication with USD, and led to referrals both to and from USD during the period. Program improvement is distinct and ongoing. Due to the transition to new staff, training, and extended leave-of-absence of one staff member, facility inspections decreased from 155 to 101 from the previous reporting period. We expect to perform more facility inspections in the 2012/2013 period than the City has ever conducted, and with improved follow-up outcomes.

During the period the City developed an increasingly close working relationship with the Alameda Countywide Clean Water Program (ACCWP) subcommittees and staff and consultants, and participated in all Industrial and Illicit Discharge Control subcommittee meetings since November 2011. We participated with other IIDC agencies in developing new and improved BMP fact sheets for Fund Raising Car Washes, Carpet Cleaners, and Mobile Pet Care Providers. The subcommittee began the process of developing a Mobile Business brochure. Through the Union City’s Development Review Committee, a routine weekly meeting attended by Planning, Environmental and Public Works staff, we began the process of developing standard language for conditions of approval on building permit applications to proactively address a variety of industrial and commercial site control issues such as runoff from architectural copper.

Union City’s Business Inspection Plan and Enforcement Response Plan were revised during the reporting period, to improve violation tracking and timely correction of violations. Please refer to Union City’s 60-Day Notice of Violation for the revised Business Inspection Plan and Enforcement Response Plan. A significant effort will be expended in the 2012/2013 reporting period to inspect food service facilities, with the goal of performing an initial baseline inspection of all food facilities within the jurisdiction by July 2014.

Please refer to the ACCWP FY 2011/2012 Annual Report for a description of activities undertaken at the county and regional level.

**C.4.b.i. ► Business Inspection Plan**

Do you have a Business Inspection Plan?

<input checked="" type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/>	<b>No</b>
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If No, explain:

**Yes, we have a Business Inspection Plan.**

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

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

Our coordination and outreach with Union Sanitary District led to an extensive expansion of our potential facilities. Please find attached our two business inspection lists, one for currently-permitted facilities, and one listing food service facilities. There is some overlap, and we are currently in the process of combining these into one master list of facilities that could reasonably be considered to cause or contribute to stormwater runoff pollution. See attachment **C.4.b.iii.(1)**.

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

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

See attachment **C.4.b.iii.(2)** for the lists of facilities scheduled for inspection in the current fiscal year.

**C.4.c.iii.(1) ► Facility Inspections**

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

<input 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	91	
Total number of inspections conducted	101	
Number of violations (excluding verbal warnings)	12	
Sites inspected in violation	12	13
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	10	83

Comments:  
 The 'sites inspected in violation' numbers are derived from the total sites inspected and found to have violations (12) divided by the total number of sites inspected (91), resulting in a rate of 13%.

One violation was not corrected in 10 days and before the next rain event because facility owner stated that facility attendant had not provided the inspection report and owner was not aware of requirement to correct; the violation was corrected within 3 days of second notification. Another facility did not correct the violation in 10 days and before the next rain event, due to dispute over whether property owner or business owner is responsible for abatement. Property owner potentially responsible for more than 20 businesses, so City is still working with businesses and property owner to establish which party is responsible to cleanup spills, and under what circumstances.

**C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed**

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	4
Potential discharge and other	8

Comments:  
 Discharge streams are counted as one discharge per inspection per site.

**C.4.c.iii.(2) ► Frequency and Type of Enforcement Conducted**

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

	Enforcement Action (as listed in ERP) <sup>45</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>46</sup>
Level 1	Verbal Warning/Warning Notice/Education	34	74
Level 2	Notice of Violation	12	26
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>		46	100

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

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

Business Category <sup>47</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
NOI Filers	0	1
Community/Commercial pools	0	0
Pretreatment Permitted Facilities	0	0
Vehicle Service Facilities	1	1
Food Service Facilities	2	5

<sup>45</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>46</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>47</sup> List your Program's standard business categories.

Horse Boarding Facilities	0	0
Retail Gas Outlets	0	1
Plant Nurseries	0	0
Golf Courses	0	0
Manufacturing Facilities	1	0
Cement and Asphalt Batch Plants	0	0
Corporation Yards	0	0
Auto Dismantlers	0	0

**C.4.c.iii.(4) ► Non-Filers**

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

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

**C.4.d.iii ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Stormwater Inspector Training Workshop	4/25/12	Regulatory review; inspector work flow; retail food programs; commercial programs; PIP; USEPA on PCBs; Regional Board on PCBs; Residential Illicit Discharge; Corporation Yard inspection exercise	3	75

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

**Program Highlights**

Provide background information, highlights, trends, etc.

Union City recognizes that centralized data tracking of complaints and referrals, with effective follow-up, is the primary accountability measure demonstrating our commitment to detecting, controlling and ultimately prohibiting illicit discharges.

Union City has maintained and improved its complaint tracking and follow-up data system, and continues to emphasize detection of illicit discharges, through active surveillance using Public Works field staff. Accurate recording of actual and potential releases is an ongoing citywide priority. We believe there has been significant improvement in the effectiveness of detection and control measures, and that actual results are not reflected in the tracking documentation.

Response capability and coordination in Clean Water activities has improved during the reporting year with the addition of two experienced illicit discharge staff in the Economic and Community Development Department’s Environmental Programs Division. This doubles trained illicit discharge and control staff from two to four.

This year our staff attended all the Alameda Countywide Clean Water Program meetings of the Industrial and Illicit Discharge Control Committee (I&IDC) and participated actively. Our contributions this year included introducing and leading discussions on new Office of the State Fire Marshall guidelines on fire sprinkler test water runoff control, and building agency relationships with the City of Hayward and Union Sanitary District (USD) illicit discharge staff.

In conducting two food service facility inspections with Environmental Programs and USD source control and illicit discharge staff, it was determined that grease discharges to some restaurant roofs are readily visible with available aerial photographic tools. Our finding that screening by aerial photographs is helpful to prioritizing food service facility inspections was shared and discussed with the I&IDC group.

Through I&IDC, a mobile business educational and outreach program and enforcement strategy is being coordinated with BASMAA. During this reporting period fact sheets on Fund-Raising Car Washes, Carpet Cleaners and Mobile Pet Care Providers were developed. These materials are available to the public in City Hall and at outreach events.

Independent of the I&IDC development of a fact sheet on architectural copper, Union City is developing standard conditions of approval for zoning and building permits related to the use of architectural copper. Manufacturer-applied finishes are already required as a standard condition of approval for discretionary projects.

During the summer months City staff fielded a number of requests to hold fundraising car washes. These requests were resolved promptly and satisfactorily, with the standard guidance provided that no water releases are allowed, and recommendations on utilizing existing permitted facilities such as commercial car washes or facilities with vehicle wash racks with good BMPs. Aerial photographs showing drainage patterns combined with site visits to proposed locations allowed several non-profits to hold events that did not lead to any illicit discharge.

Serious traffic incidents, water main discharges, and food service facilities are priorities for increased awareness and active response by Public Works and Environmental Programs staff.

Infrastructure improvements include installation of full trash capture screens in 114 catch basins. The City used funding through the EPA grant. All of the catch basins are located in the City's trash hot spots. 53 are located in retail, wholesale areas, another 53 were installed in the high-density residential areas, and the remaining 8 were installed in the City's Corporation Yard.

These areas include the public right-of-ways in all of our retail commercial centers including Union Landing and the area surrounding the BART station. The City is developing tracking tools to be used for reporting the trash removed from these newly installed devices.

Please refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 11-12 Annual Report for a description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
Public Works Main Line	Possible spill	510-675-5308
Police Department Dispatch	Possible spill	510-675-5230

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

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

Description:

The process of establishing oversight and control of pollutants associated with mobile business sources is ongoing citywide, and is being coordinated countywide through I&DC. Mobile Food Trucks are already regulated by the Planning Division and through business licenses, so our initial enforcement priority is to educate applicants of BMP requirements, and to initiate field inspections during planned events.

Through participation in ACCWP's Industrial and Illicit Discharge Committee, a BASMAA-standard mobile business educational and outreach program, and an enforcement strategy, is being coordinated in liaison with BASMAA. During this reporting period fact sheets on Fund-Raising Car Washes, Carpet Cleaners and Mobile Pet Care Providers were developed. Please see attachment(s) **C.5.d.iii(1),(2), and (3)**. These are distributed at public outreach events and are available to the public in City Hall.

Development of a list of the various types of mobile businesses, and the unique characteristics representing illicit discharge risks, is to be completed by June 30, 2013. City facilities management is aware of surface cleaner requirements, but has not historically contracted for this work.

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

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

Description:  
 With the need to reduce our trash loads from our Storm Drain System by 40% by July 1, 2014, this year we have install 114 trash capture devices in our catch basins. These are located in our trash hot spots areas of retail and wholesale as well as high density residential. We have begun to vactor each of these devices and plan on inspecting each device at least twice a year. Next year we hope to install additional units. As we inspect and clean these devices we will learn which catch basins are more prone to have trash and we will modify our efforts to concentrate on the more problematic ones. We will be modifying our inspection sheets to be more detailed to provide information that is beneficial to providing us the information to be able to document trash load reduction.

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

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	14	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	8	57
Discharges resolved in a timely manner (C.5.f.iii.(3))	11	79

Comments:  
 Union City’s illicit discharge complaint and response program was evaluated during the reporting period and improvements initiated at the suggestion of the Regional Board. We are in the process of data validation and cleanup, to eliminate duplicate entries in the database and to better capture incidents where field staff initiate actions but do not report follow-up or abatement results. All illicit discharges are to be recorded in the single ACCWP database also used for facility inspections.

Discharge reports that were not substantiated in the field were not included in the data. Discharge incidents that were substantiated and where releases were prevented from reaching the storm drain system were included in the reported numbers. However, we recognize that substantial numbers of releases and potential releases were addressed by Public Works field staff and not reported or recorded. We are working to improve this reporting and recordkeeping so that all incidents or discharges are reported.

Training of field staff is ongoing. We plan to send at least four illicit discharge inspectors to the next ACCWP inspector training in October 2012.

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

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

Please refer to the Complaint/Spill/Discharge Tracking Spreadsheet in Attachment **C.5.f.iii(4)**.

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection</b> (i.e. High Priority) (C.6.e.iii.1.a)	<b>Number of sites disturbing ≥ 1 acre of soil</b> (C.6.e.iii.1.b)	<b>Total number of storm water runoff quality inspections conducted</b> (C.6.e.iii.1.c)
0	2	32
Comments: All 32 inspections were conducted at the <i>East Plaza</i> and <i>Promenade &amp; Playground</i> sites. The construction tracking table summarizing the inspections, as required by MRP Provision C.6.e.ii(4), is available upon request.		

<b>C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>48</sup></b>	<b>% of Total Violations<sup>49</sup></b>
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	3	60%
Active Treatment Systems	0	0
Good Site Management	2	40%
Non Stormwater Management	0	0
<b>Total</b>	<b>5</b>	<b>100%</b>

<sup>48</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

<sup>49</sup> Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>50</sup>	<b>Number Enforcement Actions Taken</b>	<b>% Enforcement Actions Taken</b> <sup>51</sup>
Level 1	All violations that were noted in the inspection report and brought to attention of the contractor were resolved within a day or two by the contractor and the matter did not escalate to Level 1 or Level 2 in the ERP.	0	0%
Level 2			
Level 3			
Level 4			
<b>Total</b>		<b>0</b>	<b>0%</b>

**C.6.e.iii.1.f, g ▶ Illicit Discharges**

	<b>Number</b>
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

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

	<b>Number</b>	<b>Percent</b>
<b>Violations fully corrected within 10 business days after violations are discovered</b> or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	5	100% <sup>52</sup>
<b>Violations not fully corrected within 30 days after violations are discovered</b> (C.6.e.iii.1.i)	0	0% <sup>53</sup>
<b>Total number of violations for the reporting year</b> <sup>54</sup>	5	100%

Comments:

All violations were corrected within a few days of being brought to the attention of the violators. The ERP was not activated.

<sup>50</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>51</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>52</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>53</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>54</sup> Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

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

Description:

A review of the data summary indicates that most violations were related to inadequate upkeep of the sediment control measures. Fortunately, these areas were addressed as soon as they were brought to the attention of the contractor prior to the storm event. The pre-storm inspection was a particularly good mechanism to catch any deficiencies in the BMP since it allowed correction prior to the storm event.

**C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness**

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

Description:

Evaluation of City's construction inspection program: We believe that our City is making significant effort in learning the new C.6 requirements and is developing new procedures and habits to monitor and address Clean Water related violations and issues. One of the weaknesses we have identified is the lapse on part of some staff, perhaps due to the emergency nature of such responses, is their failure to fill out the relevant forms to document the events after responding to such violations even though there are e-mails and photographs that document the efforts related to the events.

Efforts that our City has conducted in FY 11-12 to implement MRP requirements, include: 1) revised stormwater construction inspection forms for City's Corporation Yard and for maintenance effort for existing CDS units; 2) revised operating procedures and provided training to inspectors; 3) conducted inspections with the latest forms; 4) participated in the countywide program's committees/work groups.

<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>	<b>Percent of Inspectors in Attendance</b>
SWPPP: Developing a SWPPP and new Storm Water Rules –audio conference	9/27/2011	Projects requiring SWPPP and the essential elements for inclusion in SWPPP, etc.	3 (out of 7 office engineering staff & PW inspectors)	43%
New Development & Redevelopment Workshop: Update on New C.3 Requirements	10/11/2011	Update of the most recent changes and updates to the C.3 requirements, including those applicable following 12/11/2011.	3 (out of 7 office engineering staff & PW inspectors)	43%
New Development & Redevelopment Workshop: Update on New C.3 Requirements	10/11/2011	Update of the most recent changes and updates to the C.3 requirements, including those applicable following 12/11/2011.	3 (out of 7 office engineering staff & PW inspectors)	43%
Municipal Operations Workshop	5/31/2012	Focus on storm water issues related to corp yard operations, SWPPP, inspections, BMP implementation; following the presentation, the participants toured the host corp yard at Fremont to identify the areas and practices that could be threat to water quality.	12 (out of 34 PW employees)	35%
New Development & Redevelopment Workshop: Implementing the C.3 Requirements	6/12/2012	Intro and review of C.3 requirements; updates of municipal C.3 tools	2 (out of 7 office engineering staff & PW inspectors)	28%
New Development & Redevelopment Workshop: Implementing the C.3 Requirements	6/12/2012	Intro and review of C.3 requirements; updates of municipal C.3 tools	2 (out of 7 office engineering staff & PW inspectors)	28%
SWPPP Training (at City corp yard)	6/27/2012	Overview, CGP, levels of risk, SWPPP, identification of potential pollution sources, sediment control, field examples, BMPs	28 (out of 34 PW employees)	82%
SWPPP: Developing a SWPPP and new Storm Water Rules –audio conference	9/27/2011	Projects requiring SWPPP and the essential elements for inclusion in SWPPP, etc.	3 (out of 7 office engineering staff & PW inspectors)	43%

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

**C.7.b.ii.1 ► Advertising Campaign**

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

Summary:  
 See BASMAA FY 2011/12 report on the BASMAA Advertising Campaign and BASMAA Youth Litter Campaign Report.

**C.7.b.iii.1 ► Pre-Campaign Survey**

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

The following separate report developed by BASMAA summarizes the pre-campaign survey conducted in FY 11-12:

- BASMAA Youth Litter Campaign Report

Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal: BASMAA Youth Litter Campaign Report

**C.7.c ► Media Relations**

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

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

Summary:  
 In addition to the Regional Relation Effort, Union City places Used Oil Program ads on Union City Transit buses, publication in the daily journal, and online on the City of Union City's website. The website states to take used oil to certified used oil collection centers in Union City.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 11-12:

• BASMAA Media Relations Final Report FY 11-12  
 This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of Program’s FY 11-12 Annual Report.

**See section C.10.d, Public Education and Outreach Programs, for more information.**

**C.7.d ► Stormwater Point of Contact**

Summary of any changes made during FY 10-11:

**No Changes.**

Contact Summary: See BASMAA FY 2011/12 report on the Regional point of contact. See Clean Water Program FY 2011/12 Report for details on countywide point of contact.

The storm water point of contact is available to the public on the Union City website for the Public Works Department: [www.unioncity.org](http://www.unioncity.org)

The website includes contact information for the city and links to the Alameda County Wide Clean Water Program: <http://cleanwaterprogram.com>.

**C.7.e ► Public Outreach Events**

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Earth Day, April 21, 2012 Washington Hospital Fremont, CA	Adults & Children of various ethnics. “No Dumping into Storm Drain”, Recycling Facilities of used oil & hazardous waste. Earth friend products in place of toxic chemicals.	The event was well attended approx. 1000 people mainly of Fremont residents. Handout brochures on water pollution prevention, both in English & Spanish, approx. 300 – 400 funnels & rags with recycling drop off locations, pencils with clean water contact information and drought adaptable flowering seeds.
Filipino Independence Day, June 10, 2012 Kennedy Center Union City, CA	Clean Water Program in Union City as well as Used Oil Program	Provided contact information and drop off location of used oil. Brochures on “Only Rain Down the Storm Drain” and Non-toxic pesticides”.

California School of the Deaf, Dec. 7, 2012 City Hall Union City, CA 94587	Deaf students – “No Dumping into the Storm Drain”.	16 Students attended – Brochures on “How to prevent Pollution” was given out.
Make A Difference Day, Oct. 22, 2011 Liberty Park, Civic Center Park, Meyers Estates, and 10 <sup>th</sup> Street Community Center Union City, CA	Union City Beautification Project focusing on Bay Friendly Plants. Consists of various ethnics and age groups.	Identified and planted bay friend plants at Liberty Park and Civic Center Park. Water Conservation methods and implementation. Approx. 100 – 200 volunteers.

**C.7.f. ► Watershed Stewardship Collaborative Efforts**

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:  
 See Public Outreach and Involvement section of the Alameda Countywide Clean water Program FY 11/12 Annual Report for a summary of the *Bringing Back the Natives and the Bay Friendly* garden tours.

**C.7.g. ► Citizen Involvement Events**

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

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
See attachment C.7.g.	See attachment C.7.g.	See attachment C.7.g.

**C.7.h. ► School-Age Children Outreach**

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Public Works Week, May 23, 2012 Alvarado Elementary School Union City, CA	"No Dumping into the Storm Drain", "The Bay Begins at Your Front Door" and how to prevent water pollution, the difference between Storm Drain and Sewer Drain.	Over 800 students attended	Handouts given out which included contact and drop off location of used oil and hazardous chemical waste. Brochures, activity books, and information regarding water pollution prevention, less/non-toxic products for removing rodents and bugs & insects were given out.

**Section 8 - Provision C.8 Water Quality Monitoring**

**C.8 ► Water Quality Monitoring**

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

Summary:

Alameda County Water District and Union City actively monitors wells located at various locations throughout the city. ACWD evaluates water quality and prepares reports on the findings on an annual basis.

During FY 11-12, we contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 11-12 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

**C.9.b ► Implement IPM Policy or Ordinance**

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

**Union City does not utilize organophosphates, pyrethroids, carbaryl, or fipronil.** City staff utilized the following applicants FY 2011-12. Pesticide/herbicide use breakdown is tracked monthly in a database by Public Works Grounds Division. Increase in pesticide correlate to environmental changes including, but not limited to, the increase in weeds. \*Discontinued and replaced by natural/organic Ecosmart Wasp & Hornet Killer

**Trends in Quantities and Types of Pesticides Used<sup>55</sup>**

Pesticide Category and Specific Pesticide Used	Amount <sup>56</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Aqua Master	N/A	N/A	96 ounces		
EcoSMART Wasp & Hornet Killer	N/A	N/A	192 ounces		
Evade	22.21 gallons	36.84 gallons	48.85 gallons		
Fumatoxin	N/A	192 grams	1920 grams		
Fuselade II	N/A	N/A	24 ounces		
Gastoxin	2091 grams	2304 grams	0		
Glysophate	N/A	36.99 gallons	0		
Liberate	N/A	N/A	15 ounces		
Merit 75 WP (Marathon)	N/A	96 ounces	0		
Ranger Pro	249.62 gallons	490.9 gallons	585.36 gallons		
Safari	N/A	N/A	228 ounces		
Sucker-Stopper TRU	N/A	176 ounces	0		
The Giant Destroyer	N/A	N/A	866 ounces		
Turflon-Ester	440 ounces	1413 ounces	1260 ounces		
Wasp Freeze*	105 ounces	70 ounces	0		

<sup>55</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>56</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

C.9.c ▶ Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	11
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	11
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/> <b>No</b>
If yes, attach one of the following:			
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
If <b>Not attached</b> , explain: <b>No pesticide applicators were contracted this fiscal year.</b>			

C.9.e ▶ Track and Participate in Relevant Regulatory Processes
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: During FY 11-12, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

<b>C.9.f ▶ Interface with County Agricultural Commissioners</b>			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>
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. <b>No improper pesticide usage or runoff observed.</b>			

<b>C.9.h.ii ▶ 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 Program’s FY 11-12 Annual Report for information on point of purchase public outreach conducted countywide and regionally. In addition, City of Union City’s website

<b>C.9.h.vi ▶ Public Outreach: Pest Control Operators</b>
Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); <b>OR</b> reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of Program’s FY 11-12 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use. In addition, the City of Union City’s Clean Water webpage consists of links related to insects and pests which provide online brochures that encourage the use of less-toxic and natural controls.

<b>Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 10-11 Annual Report</b>
Comments: The use of Wasp Freeze has been discontinued and in its stead replaced by EcoSMART Wasp and Hornet Killer. EcoSMART Wasp and Hornet Killer’s is an insecticide made from organic plant oils and leaves no pesticide residue. Active ingredients consist of peppermint oil, 2-Phnethyl Propionate, and other ingredients. Source: <a href="http://www.ecosmart.com/products/wasp-hornet-killer/">http://www.ecosmart.com/products/wasp-hornet-killer/</a>  No outside contractors were contracted this year. However, City has updated IPM Contract specifications to conform to Provision C.9.  Chapter 12.16 of the Union City Municipal Code was amended this fiscal year to include Integrated Pest Management and Best Management Practices for public improvements. See attachment <b>C.9 – Chapter 12.16</b> .

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

**C.10.a.i ► Short-Term Trash Loading Reduction Plan**

*(For FY 10-11 Annual Report only)* Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

The Short –Term Trash Loading Reduction Plan was submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

**C.10.a.ii ► Baseline Trash Load and Trash Load Reduction Tracking Method**

*(For FY 10-11 Annual Report only)* Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

The Baseline Trash Load and Trash Load Reduction Tracking Method were submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

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

*(For FY 10-11 Annual Report and Each Annual Report Thereafter)* Provide description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership and an estimate of the total land area that is planned for treatment by July 1, 2014.

Description:

See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. In addition, the City of Union City installed 114 full trash capture devices (CleanScreens) in our catch basins. 53 were installed in our retail areas, 55 in our high residential areas and 6 at our industrial corporation yard. These capture approximately 342.6 acres of the City. These areas include our hot spots of our retail area since all public catch basins near retail centers have these devices. It also includes our high density residential area hot spot near BART.

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

*(For FY 10-11 Annual Report and Each Annual Report Thereafter)* Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

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

<b>Trash Hot Spot</b>	<b>Cleanup Date</b>	<b>Volume of Material Removed</b>	<b>Dominant Type of Trash</b>	<b>Trash Sources (where possible)</b>
Alvarado-Niles RD/Dyer ST	Every 2 weeks	~2 CY each time	Plastics, papers, bottles, bags, food wrappers, cups	Fast food/shopping center
Hall Ranch Park/Dyer ST	Every 2 weeks	~2 CY each time	Papers, bottles, bags, food wrappers, leaves	Park use, school
Union Landing Shopping Center	Every 2 weeks	~2 CY each time	Plastic bags, paper, food wrappers, leaves, food	Shopping center including movie theater, restaurants
Union Square Ave	Every 2 weeks	~1 CY each time	Leaves, bottles, plastic bags, paper, food wrappers, cups	BART station, high-density housing, fast food
Alvarado-Niles RD/Decoto ST	Every 2 weeks	~2 CY each time	Plastics, papers, bottles, bags, food wrappers, cups	Fast food/shopping center, gas station

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
Existing Enhanced Street Sweeping	In addition to sweeping all of our streets twice a month, the City of Union City uses a vactor in the fall months to collect leaves and debris from the gutters prior to sweeping the streets to reduce the amount of debris that could possibly be swept into storm drains. It is estimated that this enhanced street sweeping collects 47 gallons per year or a 0.2% reduction.	47 gallons	0.2%	Paper
Single-Use Carryout Bag Policies	As part of the Alameda County wide ordinance adopted on January 25, 2012, Union City adopted an ordinance prohibiting the distribution of single use carryout plastic bags. The ordinance bans single –use plastic carry out bags as of January 1, 2013. It affects stores with sales of packaged food, including drug stores, pharmacies, supermarkets, grocery stores, convenience food stores, and liquor stores. Recycled content paper bags and re-useable bags may be provided but only if the retailer charges a minimum price of \$0.10 for each bag.	0 gallons (ordinance takes effect 1/1/2013)	0%	Plastic bags
Polystyrene Foam Food Service Ware Policies	Not implemented	0 gallons	0%	NA

<sup>57</sup>The estimated load removed and percent reduction in FY 11-12 is consistent with assumptions described in the Trash Load Reduction Tracking Method Technical Report (version 1.0) submitted to the Water Board on February 1, 2012. In the future, load reductions reported in Annual Reports may be adjusted based on revisions to the tracking methodology.

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
Public Education and Outreach Programs	<p>The City of Union City <i>has implemented</i> the following public education and outreach control measures.</p> <p><b><u>Litter Reduction Advertising Campaign(s)</u></b></p> <p><b>BASMAA Youth Outreach Campaign (Regional)</b></p> <p>Through participation and funding of the regional BASMAA Youth Outreach Campaign, the City of Union City will implement an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 (post-MRP effective date) and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run from FY 11-12 through FY 13-14. A brief description of the Campaign activities is provided below:</p> <ul style="list-style-type: none"> <li>• <u>Raising Awareness</u>: The Campaign will begin by raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations will be developed to reach the target audience. Messages targeted to youth will be created and distributed via paid advertising, email marketing, Campaign website and social networking sites (e.g.</li> </ul>	1516 gallons	8%	Paper, food wrappers

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<p>Facebook and Twitter).</p> <ul style="list-style-type: none"> <li>• <u>Engage the Youth</u> - The advertisements will encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. At the beginning of FY 12-13, a video contest will be launched to get Bay Area youth further involved in the Campaign. An online voting system will be used to select the winning entry. Media advertising will be conducted to promote the winning entry.</li> <li>• <u>Change Behaviors</u>: To move the audience along the behavior change continuum, the Campaign will use electronic platforms such as email marketing and social networking sites to encourage participants to engage in increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc.</li> <li>• <u>Maintain Engagement</u>: The Campaign will continue to interact with the target audience through email marketing and social media websites.</li> </ul> <p>The Youth Campaign will include a pre and post campaign survey to evaluate the effectiveness of outreach. The pre-campaign survey will be conducted in FY 11-12 and the post campaign survey in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign’s social networking website, etc. will also be used to evaluate its effectiveness in increasing awareness and changing behavior.</p>			

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<p><b>Advertising campaign(s) (Countywide Program)</b>            Outreach to Alameda County youth may be limited by scope and budget of the BASMAA Regional Youth Campaign. Therefore the Clean Water Program will supplement the Regional Youth Outreach campaign in order to increase the number of participants in Alameda County.</p> <p><b>Advertising Campaign (Local)</b>            As part of the program, the City of Union City will utilize their web site, local Community Cable channel and provide advertisement on the Union City Transit Buses to reach the public.</p> <p><b><u>Outreach to School-age Children or Youth</u></b>            The Countywide Program is currently conducting stormwater pollution prevention and anti-littering outreach to school-age children through contracts with five environmental education organizations. The current contracts expire in 2014. The Program intends to initiate new contracts for outreach to school-age children in 2014. The outreach programs will have an increased focus on anti-littering messages and will be revised to fulfill the required number of events as described in BASMAA (2011e). The City of Union City plans to implement this control measure through participation in the Countywide Program. In addition, the City of Union City will work with the New Haven School District and private schools to present educational material regarding the clean water program to students K-12 grades.</p>			

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<p><b><u>Media Relations</u></b></p> <p><b>BASMAA Regional Media Relations Project (Regional)</b></p> <p>Through participation and funding of the BASMAA Regional Media Relations Project, the City of Union City plans to continue to implement a media relations project partially designed to reduce littering from target audiences in the Bay Area. The goal of the BASMAA Media Relations Project is to generate media coverage that encourages individuals to adopt behavior changes to prevent water pollution, including littering. At least two press releases or PSAs focus on litter issues each year (e.g., creek clean-up activities, preventing litter by using reusable containers, etc.).</p> <p><b>Media Relations (Countywide Program)</b></p> <p>Clean Water Program has already developed a media and community relations plan and contact list. The Program will regularly release articles and information to the appropriate publications, blogs and community publications on litter issues. Articles will be timed with regular events, such as Coastal Cleanup in September and the beginning of the rainy season, as well as other current events, if applicable. The media and community outreach list contains many smaller publications and online sites as well as larger newspapers, which will increase the chances the articles are published and read. This effort goes beyond the scope of the Regional Media Relations plan by going deeper into the community through highly localized media channels.</p>			

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<p><b>Media Relations (Local)</b>            As part of the program, the City of Union City will utilize their website, local Community Cable channel and provide advertisement on the Union City Transit Buses to reach the public. (This will occur in late 2012 or early 2013)</p> <p><b>Community Outreach Events</b>            The Countywide Program will develop a “Litter Outreach” kit for community events. Going beyond the usual table with literature, the kit will include such interactive activities as pledge posters to foster commitment to behavior change, and directly relevant promotional items such as reusable bags. This kit will be provided to all Program member agencies for use at their local events. The City of Union City uses the Litter Outreach kit at 4 events per year (Make a Difference, Public Works Week, National Night Out, and Earth Day).</p> <p>The City of Union City plans to set up informational booths at two key hot spot locations in the City (Union Landing Shopping Center and Union City BART Station) in late 2012 or early 2013.</p>			

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
Activities to Reduce Trash from Uncovered Loads	<p>The City of Union City <u>will implement</u> the following enhanced control measures to reduce trash from vehicles with uncovered loads prior to July 1, 2014</p> <p>The City of Union City currently has language in their contracts that require all contracted trash and construction debris haulers to cover their loads. The City of Union City will review this language with the City attorney to modify and strength the language if necessary to ensure that all Union City's contracts that require contracted trash and construction debris haulers to cover loads when transporting trash and debris to municipally or private – owned landfills and transfer stations. In addition, the City of Union City will require that this note be part the City's standard construction notes to be included on all private developments projects that require City approval.</p>	<p><b>0 gallons, since language has not been revised. Scheduled for early 2013</b></p>	<p><b>0%</b></p>	<p><b>NA</b></p>
Anti-littering and Illegal Dumping Enforcement Activities	<p>Not implemented</p>	<p><b>0 gallons</b></p>	<p><b>0%</b></p>	<p><b>NA</b></p>
Improved Trash Bins/Container Management	<p>The City of Union City plans to work with local waste hauler to implement the following improved trash bin/container management practices prior to July 1, 2014:</p> <ul style="list-style-type: none"> <li>• A program that identifies businesses and households that have inadequate trash service and through municipal code enforcement; require businesses/households to sufficiently remedy this issue.</li> <li>• Implement a strategic plan that identifies whether public</li> </ul>	<p><b>0 gallons (program will not start until 2013)</b></p>	<p><b>0%</b></p>	<p><b>NA</b></p>

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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	<p>trash containers are sufficiently located in high trash generating areas and are adequately designed to manage trash type that are typically generated from the activities occurring at these areas and are located where people dispose of these items (near parks, schools shopping centers, quick marts, Union Landing Shopping Center and the BART Station). The plan will include locating specialty trash bin/containers in key hot spot locations to reduce certain types of trash such as cigarette butts. The plan will address the need to install new technologies to reduce trash in the stormwater and reduce the cost of adding public area trash containers. The plan will also provide recommendations on how the system of public trash containers can be enhanced to reduce the amount of trash in the streets.</p> <ul style="list-style-type: none"> <li>The City of Union City plans to establish a Business Improvement District with Trash Reduction control measures for the 105 acre Union Landing Shopping Center. This area will be subject to sidewalk sweeping, litter pickup and maintenance of public area trash containers at least once per week.</li> </ul>			
Single-use Food and Beverage Ware Ordinance	Not implemented	0 gallons	0%	NA

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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On-land Trash Cleanups	<p>Prior to July 1, 2014, the City of Union City will be conducting or coordinating the following new or enhanced on-land trash cleanups listed below. These on-land cleanups will be conducted or coordinated each year and the volume of trash removed will be tracked to demonstrate trash loads reduced.</p> <p>Please note that only trash that has the potential of entering the MS4 will be tracked. As a result, large items (e.g., appliances, shopping carts, furniture, mattresses, televisions, tires, lumber, etc.) removed during on-land trash cleanups is not part of the volume determination since they do not have the potential of entering the MS4.</p> <ul style="list-style-type: none"> <li>• Permittee led On-land Cleanups                             <ul style="list-style-type: none"> <li>○ Routinely and regularly scheduled litter pickup and removal utilizing the work furlough program</li> <li>○ Illegal Dump Site response and Abatement</li> <li>○ Interagency Cleanup coordination and Cleanup</li> <li>○ Litter pickup event coordination and Cleanup</li> </ul> </li> <li>• Volunteer -led On-land Cleanups:                             <ul style="list-style-type: none"> <li>○ Single -day efforts                                     <ul style="list-style-type: none"> <li>▪ Organized Single Day Cleanup events</li> <li>▪ Ongoing Events   <ul style="list-style-type: none"> <li>• Keep America Beautiful Day</li> <li>• Adopt a spot, Adopt a Highway, Adopt a trail and other "Adoption" programs</li> <li>• Arbor Day</li> <li>• Earth Day</li> <li>• Boy Scouts Eagle Projects</li> </ul> </li> </ul> </li> </ul> </li> </ul>	195 gallons	1%	Plastic bottles and bags

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<ul style="list-style-type: none"> <li>• Other Organized Cleanup Events</li> <li>• Business Improvement District Cleanups – Union Landing Shopping Center and other Shopping Centers</li> <li>• Routine Cleanups of the BART Station</li> </ul>			
Additional Enhanced Street Sweeping (Beyond Existing Enhanced)	Not implemented	<b>0 gallons</b>	<b>0%</b>	
Partial-Capture Treatment Devices	Not implemented - decided to install full capture devices instead	<b>0 gallons</b>	<b>0%</b>	
Enhanced Storm Drain Inlet Maintenance	The entire city system of 1858 storm drain inlets is maintained at higher frequencies than last year. The inlets are maintained and removal of material occurs at least twice a year. The enhanced frequency of maintenance and associated effectiveness ratings will be used to calculate loads reduced from enhanced maintenance. This load reduction calculation method is consistent with the trash load reduction tracking method (BASMAA 2012b).	<b>143 gallons</b>	<b>0.8%</b>	<b>Paper and food wrappers</b>
Full-Capture Treatment Devices	A total of 114 full-capture treatment devices were installed in the City of Union City this year. 53 of these devices were installed in our retail areas and the remaining 55 were installed in our high density residential areas. 6 were installed in our industrial	<b>2594 gallons</b>	<b>13.7 %</b>	<b>Paper and food wrappers</b>

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>57</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	corporation yard. All devices listed are enhanced trash control measures. Calculation of loads reduced from partial-capture devices will be consistent with the approach described in the <i>Trash Load Reduction Tracking Method Report</i> (BASMAA 2012b). These 114 full capture devices capture an estimated area of 342.6 acres. A total of 10 trash full-capture treatment devices were installed in the City of Union City prior to July 1, 2014. A list of these full-capture devices is included in Table QF-56-1. All devices listed within this table are enhanced trash control measures. We have installed 10 CDS units at various locations in the City. These CDS units treat a total of 102 acres.			
Creek/Channel/Shoreline Cleanups	Not implemented			
Preliminary Estimate of Trash Load Removed (Gallons) in FY 2011-12		<b>4495</b>		
Preliminary Baseline Trash Load Estimate (Gallons)		<b>18,950</b>		
Total Percentage Reduction in FY 2011-12 (Compared to Baseline Trash Load)		<b>23.7%</b>		

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

**C.11.a.i ► Mercury Recycling Efforts**

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

Summary:

As mentioned in previous reports, Union City does not have its own collection facility therefore residents utilize household hazardous waste facilities located in Hayward and Fremont.

Union City collects used batteries at 5 designated locations (city hall, Senior Center, Holly Center, Kennedy Center, and the Union City Sports Center). Batteries and cell phones are picked up and dropped off at Tri-CED Community Recycling. Please refer to <http://www.ci.union-city.ca.us/recycle/batteries.htm> for more information. The City of Union City Recycling Program Annual Report reports the city has collected 8,924 lbs. of used batteries during the span of December 2010 to March 2012. See attachment **C.11.a.i**. Additional recycling program information can be provided upon request.

Residents are also able to call Tri-CED to request a clear plastic zip-lock bag for used battery (excluding car batteries) recycling and have the bags picked up on collection day. Details are at the web address above.

Union City also participated in the annual Earth Day which was held at Washington Hospital in Fremont this year. City employees promoted the benefits and available services to properly recycle used batteries, used oil, medicines, etc.

Refer to FY 11-12 Program Annual Report for a list of mercury collection and recycling efforts conducted.

**C.11.a.ii ► Mercury Collection**

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

Summary:

Please refer to the FY 11-12 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

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

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

Summary:

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

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

**C.12.a.ii,iii ▶ Ongoing Training**

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

Description:

On 4/25/12, three out of four inspectors attended training covering topics including USEPA on PCBs; regional board on PCBs, residential illicit discharge, etc. See the FY 11-12 Program Annual Report for a description of training provided countywide.

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

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

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

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

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

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

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

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

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

Summary:

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

**Section 13 - Provision C.13 Copper Controls**

**C.13.a.iii.(1) ► Legal Authority: Architectural Copper**

<i>(For FY 10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	X	<b>Yes</b>		<b>No</b>
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If **No**, explain and provide schedule for obtaining authority within 1 year.  
**N/A**

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

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

The City of Union City as members of the Alameda Countywide Clean Water program follows the Requirements for Architectural Copper guidelines developed by the Clean Water program.

Union City prohibits discharge to the storm drain of water used in the installation, cleaning, treating and washing of architectural copper. The following BMP's must be implemented if architectural copper is used in a project.

- If possible, purchase copper materials that have been pre-patinated at the factory.
- If patination is done –on-site, implement one or more of the following:
  - Collect the rinse water in a tank and haul off site for proper disposal
  - Collect rinse water in a tank and pump to the sanitary sewer. Contact USD before discharging into the sanitary sewer.
- Consider coating the copper materials with a clear coating that prevents further corrosion and runoff.

During maintenance the following BMP's must be followed:

- Minimize washing of the architectural copper as it destroys the patina and any protective coating
- Block storm drains to inlets as needed to prevent runoff from entering storm drains
- Discharge the wash water to landscaping or sanitary sewer (with permission from USD). If this is not an option haul the wash water off site for proper disposal.
- During re-patination collect the wastewater for off-site disposal or discharge to the sanitary sewer (with permission from USD).

City staffs in Building, Planning, and Engineering divisions have been trained to provide the information paper prepared by the Clean Water Program to anyone who is planning on using any architectural copper on their project.

If anyone violates this policy the City will follow the procedures as outline in the City's ERP. To date there has not been a project proposed or constructed in Union City with Architectural Copper.

**C.13.b. iii. ► Legal Authority: Pools, Spas, and Fountains**

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:  
**N/A**

**C.13.c ► Vehicle Brake Pads**

Reported in a separate regional report.  
 A summary of the countywide Program’s participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program’s FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary:  
 Through the Union City’s Development Review Committee, a routine weekly meeting attended by Planning, Environmental, and Public Works staff, we began the process of developing standard language for conditions of approval on building permit applications to proactively address a variety of industrial and commercial site control issues such as runoff from architectural copper. If anyone violates the Requirements for Architectural Copper, the City will follow the procedures as outlined in the City’s ERP.

**C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties**

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary:  
 A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program’s FY 11-12 Annual Report and/or BASMAA Regional POC Report.

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

**C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls**

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary:

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: N/A				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> <li>• Promote conservation programs</li> <li>• Promote outreach for less toxic pest control and landscape management</li> <li>• Promote use of drought tolerant and native vegetation</li> <li>• Promote outreach messages to encourage appropriate watering/irrigation practices</li> <li>• Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.</li> </ul>
<p>Summary:</p> <p>The City of Union City promotes conservation, outreach, native vegetation, etc. by keeping the community engaged in volunteer events that share the idea that BMPs are beneficial to the city, water bodies, and our earth. Pamphlets and brochures that promote Bay-Friendly designs and the use of less toxic pest control and landscape management practices are provided to the public.</p> <p>Union City has a stopwaste.org certified Bay-Friendly park (Willow Park) in which people, including pest control and landscape management contractors, are encouraged to visit to learn and see first-hand the materials and Bay Friendly Landscaping techniques used to promote drought tolerance, impervious surfaces, native vegetation, etc. In addition, nearly the entire park is made from recycled materials. Certain street medians were also installed with Bay-Friendly landscaping.</p> <p>Public Works Engineering Department and Planning Department are working together to streamline the process of new developments and redevelopment in Union City. The Clean Water Program webpage on the official city website is being updated to include more information, including Rainwater Harvesting, Impervious Surface, and Infiltration worksheet/forms, and more.</p>

<b>C.15.b.iii.(1) ► Planned Discharges of the Potable Water System</b>										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity <sup>58</sup> (NTU)	Implemented BMPs & Corrective Actions
<b>The Alameda County Water District is the water purveyor for the City of Union City</b>										

<sup>58</sup> Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

<b>C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System<sup>59</sup></b>														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>60</sup>	pH (standard units) <sup>52</sup>	Discharge Turbidity (Visual) <sup>52</sup>	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>61</sup>	Inspector arrival time	Responding crew arrival time
<b>The Alameda County Water District is the water purveyor for the City of Union City</b>														

<sup>59</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>60</sup> Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

<sup>61</sup> Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

# **ATTACHMENT 1**

**C.4.b.iii.1**

**Potential Facilities List**

**- Current Permits & Food Facilities**

## POTENTIAL FACILITIES LIST (C.4.b.iii.(1)) - Current Permits

FACILITY NAME	SITE ADDRESS	FACILITY NAME	SITE ADDRESS
10 Minute Oil Change Center 6	2601 Decoto RD	Kerrock Counter Top	33220 Western AVE
A&H Truck Repair	30319 Union City BLVD	Kerry Ingredients	33063 Western AVE
AAA Fire Protection Services	30113 Union City BLVD	Kimura Dental	33408 Alvarado-Niles RD
Abaxis	30411 Whipple RD	King Wai Trading Co.	30098 Eigenbrodt WY
Abaxis	3240 Whipple RD	Knorr Brake System	29471 Kohoutek WY
ABC Dental	31780 Alvarado BLVD	Krispy Kreme	32450 Dyer ST
ABE Petroleum	33090 Mission BLVD A	Kumetrix	29524 Union City BLVD
Air Liquide America	700 Decoto RD	L & E Custom Machining	33483 Western
Ajax Custom Mfg	34585 7th ST	Lagasse Sweet Inc.	4100 Whipple RD # A
Albion Moving & Storage	34205 Zwissig WY	Lally Truck Trailer Repair & Paint Service	4600 Horner ST
Alco Pump Station - Westview	32110 Alvarado-Niles RD	Lehigh Heidelberg Cement Group	30101 Industrial PKWY
AICo Pump Station J-2	4588 Delores DR	Leland P. Grant, DDS	4138 Dyer ST Ste 4
AICo Pump Station J-3	32000 Union City BLVD	Leo's Finishing and Refinishing	33238 Central AVE
AICo Pump Station-Eden Shores	2690 Eden Park PL	Le's Alvarado Dental	31820 Alvarado BLVD
Alliance Packaging	1600 Pacific ST	Lian Hwa Foods (USA) Inc.	1500 Atlantic ST
Alpine Awards	32400 Central AVE	LLI Manufacturing, LLC	33450 Western AVE Ste A
Alvarado 76	31901 Alvarado BLVD	Louis Evans DDS	33351 Alvarado-Niles RD

Alvarado Dye & Knitting Mill	30542 Union City BLVD	Lowe's	32040 Union Landing BLVD
Alvarado Middle School #210	31604 Alvarado BLVD	LSI / Ingredients International	1610 Whipple RD
Alvarado Niles Shell	32187 Alvarado-Niles RD	Lucky Store #782	32300 Dyer ST
Alvarado Shell Auto Care #13619	31889 Alvarado BLVD	M.L. Burr, DDS	2701 Decoto RD 5
Alvarado Valero	31890 Alvarado BLVD	Macusight, INC.	32980 Alvarado-Niles RD STE 846
Amcor Packaging Distribution dba Manufactured Packaging Products	33463 Western AVE	Macy's Logistics, Inc	1200 Whipple RD
American Licorice Company	2477 Liston WY	Marina Foods	1791 Decoto RD
Am-Pac Tire North	29987 Ahern AVE	Masonic Homes	34400 Mission BLVD
Anixter	30061 Ahern AVE	Mathews Mechanical	33480 Western AVE
Antonio Naguiat Jr. & Olivia Magno DMD, Inc	33378 A-N RD	McDonald's	27 Union Square
Applebee's Restaurant	30980 Dyer ST	Medoza Cutting Service	30550 Union City BLVD
Applied Industrial Technologies	30077 Ahern AVE	Mercado Latino, Inc	33430 Western AVE
AT & T Mobility	33467 Western AVE C	MET Laboratories	33439 Western AVE
AT & T Mobility (13359)	33709 Mission BLVD	Mexico Lindo	33306 Alvarado-Niles RD
AT & T mobility (14287)	34300 Zwissig WY	Mission Shell Gasoline	33365 Mission BLVD
AT & T Mobility (14736)	32100 Union Landing RD	Mitsu Auto Repair	1277 Atlantic ST
AT & T Mobility (47320)	32100 Alvarado BLVD	Mizuho Orthopedic System	30031 Ahern AVE A
AT&T California	118 "E" ST P 5006	Monarch Leasing	29899 Union City BLVD
ATE Group	33442 Western AVE	Mostek Machine	33206 Western AVE
Auto Parts Source	30055 Ahern AVE	Moving Star	30461 Whipple RD

Autowise Automotive	35194 Alvarado-Niles RD	New Haven Unified School District Corp. Yard	3636 Smith ST
AutoZone #3338	32100 Alvarado BLVD	New Horizon Foods	33440 Western AVE
Axygen	33210 Central AVE	NHUSD Central Kitchen	2831 Faber ST
Bakemark	32621 Central AVE	Nor Cal Steel	33353 Lewis AVE
Baldie's Cafe	2649 Decoto RD	NorCal Hobbies	30600 Union City BLVD
Barnard White Middle School #220	725 Whipple RD	Northwood Proline, LLC	33233 Central AVE
Barr & Poindexter DDS	33800 Alvarado-Niles RD #6	NuCO2 - Hayward Depot	700 Decoto RD B
Bay Central Printing	33401 Western AVE	Oakridge Industries	1130 Pacific ST
Bay Star Auto	1275 Atlantic ST	OEC Graphics	33288 Central AVE
Bayline Paper Supply	1600 Atlantic ST	One-Stop Auto Service	1279 Atlantic ST
Beaulieu Group Inc.	4005 Whipple RD	Orcon	1570 Atlantic ST
Benedict Armonio DDS, Inc	30067 Industrial PKWY	O'Reilly Auto Parts #2571	1601 Decoto RD
Besco Products, Inc.	1250 Whipple RD	Pacific Awards Metals	1000 Whipple RD
Best Label	2900 Faber ST #1	Pacific Flooring Manufacture, Inc.	2975 Whipple RD
Bexel Pharmaceuticals	32990 Alvarado-Niles RD Ste 910	Pacific Lee Auto	33090 Mission BLVD
Blommers Chocolate	33377 Transit AVE	Pacific Materials Handling	30361 Whipple RD
Blommers Chocolates	1515 Pacific ST	Packaging Results	30200 Whipple RD
Blue Sky Cleaners	32920 Alvarado-Niles RD # 200	Party City	30761 Dyer ST
Bonami French Country Bakery, Inc.	33580 Central AVE	Pen Bullet UC	1143 Pacific ST # A
Bond Blacktop	2828 Faber ST # A	Penske Truck Leasing	1550 Pacific ST B

Bronco Billy's Pizza	3936 Smith ST	Penta Biotechnology	32930 Alvarado-Niles RD # 350
Buffalo Distribution	1624 Pacific ST	Pep Boys #816	30085 Industrial PKWY
Burger King	1801 Decoto RD	PG & E Jarvis Substation	900 Decoto RD
Burger King #13768	31361 Alvarado-Niles RD	Prism Team Services	33300 Dowe AVE
C.R. Laurence	33200 Dowe AVE	PTR Manufacturing Inc.	33390 Transit AVE
California Equipment Distributors	30049 Ahern AVE A	Quality Cleaners	31864 Alvarado BLVD
California Supply North, Inc	2855 Volpey WY	Quality Distributing	2850 Volpey WY
California Work Trucks, Inc	930 Whipple RD	Quattro Manufacturing Co.	33370 Dowe AVE
Cam Image, Mfg, Inc	33360 Dowe AVE	R.J. Chase Co.	4000 Tara CT
Caravan Bakery	33300 Western AVE	Raja Sweets & Indian Cuisine	31851 Alvarado BLVD
Carter Industries	950 Whipple RD	Randhawa Dental Corp	4138 Dyer ST Ste 1
CEMEX Construction Materials Pacific, LLC	900 Whipple RD	Rapak Inc.	29959 Ahern AVE
Central Park West	2500 Parkside DR	Rapid Displays	33195 Lewis AVE
Century Theaters, Inc.	32100 Union Landing BLVD	Real Mex Foods	33508 Central AVE
Cesar Chavez Middle School	2801 Hop Ranch RD	Reliance Metal Center	33201 Western AVE
Chapel of the Chimes	32992 Mission BLVD	Restoration Management Co.	32550 Central AVE
Chaplin's Sports Bistro	29200 Kohoutek WY	Ricardo & Olga Morales Dental	4138 Dyer ST
Chetak, Inc.	4000 Whipple RD	Riddell	32920 Alvarado-Niles RD Ste 240
Chevron Station	1990 Decoto RD	Right Away Redy Mix	30100 Union City BLVD
Chevy's Fresh Mex Restaurant	31100 Courthouse DR	Riley Striping, Inc.	2828 Faber ST

Chili's #624 Union City	32120 Dyer ST	Rite Aid	1650 Decoto RD
China Villa	34308 Alvarado-Niles RD	Rite Aid #5942	31836 Alvarado BLVD
Civic Center Shell	2001 Decoto RD	RKI Instruments	33248 Central AVE
Clabo North America LLC	33300 Central AVE	Rose Garden Restaurant	33348 Alvarado-Niles RD
Clearwater Environmental	1220 Whipple RD	Round Table Pizza	1744 Decoto RD
Coach Automotive	30017 Ahern AVE	Ryss Lab, Inc	29540 Kohoutek WY
Coca Cola	1551 Atlantic ST	SA Recycling	33210 Western Suit A
Coinmach	32910 Alvarado-Niles RD STE 150	Safelite Auto Glass	30410 Whipple RD
Cold Storage	740 Bradford ST	Safety Environmental Control	1480 Whipple RD
Comcast Cable	33467 Western AVE ste A	Safeway #1197	1790 Decoto RD
Conklin & Conklin Inc	34201 7th ST	San Francisco Chronicle	1550 Pacific ST
Connolly's Fine Furniture	701 Bradford ST	San Francisco Specialty Produce	30200 Whipple RD
Criterion	2913 Whipple RD	San Marino Plastering	33363 Lewis AVE
Crown Plaza	32083 Alarado-Niles RD	Save On Cleaners	34375 Alvarado-Niles RD
Crown Worldwide Moving Storage	32001 Dowe AVE	Scott's Mobile Trailer Repair	1220 Whipple RD # B
Cybelle Tran, DDS	1755 Decoto RD	Seafood City	31840 Alvarado BLVD
Da Vita Union City Dialysis Center	32930 Alvarado-Niles RD # 300	Selway Machine & Tool	29250 Union City BLVD
Dan Oden Swim Center	33901 Syracuse AVE	Shaw Industries Inc.	4025 Whipple RD
Dawn Food Products Inc.	2845 Faber ST	Sheedy Hoist	34301 7th ST
Decoto Family Dentist	2701 Decoto RD Ste 4	Sky 2C Freight, Inc.	30091 Ahern AVE

Delta Pacific Products, Inc.	33170 Central AVE	Southern Wine & Spirits	1555 Atlantic ST
Dental Offices of A.Woo & K.Chen	33341 Alvarado-Niles RD A	Southern Wine & Spirits (Vendor No. 326718)	33321 Dowe AVE
Deol Shell #136198	31301 Alvarado-Niles RD	Spanish Colonial Iron	30516 Union City BLVD
Dr. Anna Guo	29300 Kohoutek WY 100	Spanish Tradition	33949 10th ST A
Dr. Eddon Duran DDS	4138 Dyer ST Ste 2	Sparkle Dental Care	32631 Alvarado BLVD
Dr. M. Arafiles-Reyes	32025 Alvarado BLVD	Spicers Paper, Inc.	30108 Eigenbrodt
Dr. Mock, DDS	2701 Decoto RD 1	Sports Authority	31200 Courthouse DR
Dr. Sheldon Salins, DMD	32990 Alvarado-Niles RD Ste 950	Sposeto Engineering	4301 Bettencourt WY
Dream Smile Dental	33141 Alvarado-Niles RD	Staples Contract and Commercial	30310 Whipple RD
E3 Systems, Inc	1220 Whipple RD	Star Pacific	1205 Atlantic ST
East Bay Landscaping	1147 Atlantic ST	Star Stainless Screw Inc.	30150 Ahern AVE
Eden Foods, Inc.	30451 Whipple RD	Station Center Apartments	34888 11th ST
Edwin P. Reyes, D.M.D.	32138 Alvarado BLVD	T & L Muffler	1007 Decoto RD
Eleanor Pulido, DMD	33404 Alvarado-Niles RD	T.G.I. Fridays Restauramt #1946	31900 Dyer ST
Electrochem Solutions, LLC	32500 Central AVE	Taco Bell	34525 Alvarado-Niles RD
Elegant Marble & Granite	33100 Transit AVE	Taco Bell #2194	32002 Alvarado BLVD
Elsa M. Ronquillo, DMD	1762 Decoto RD	Tatum Janitorial	31022 Union City BLVD
Emerald Packaging	30300 Union City BLVD	Telogy	3200 Whipple RD
Emerald Packaging Inc	33050 Western AVE	Terminex International	32980 Alvarado-Niles RD # 826
Empire Today, LLC	2900 Faber ST #2	Thai Golden Spice	33297 Central AVE

Energys	30071 Ahern AVE	The Home Depot #635	30065 Industrial PKWY
Energys Inc.	30069 Ahern AVE	The Imagery Group	3245 Whipple RD
Eoff Manufacturing	32410 Central AVE	The Leather Factory	2825 Whipple RD
Epoxy Coating	33500 Western	The Tropics	33000 Almaden BLVD
Escutia's Auto	967 H ST	ThyssenKrupp Industrial Services	30311 Whipple RD
Extended Stay America #8594	31950 Dyer ST	Tire Dealer's Warehouse	33375 Central AVE
Family Dental Center	34399 Alvarado-Niles RD	Tony Roma's	32135 Union Landing BLVD
Federal Express / HWD	32900 Alvarado-Niles RD	Tri-Ced	33377 Western AVE
Felt's Printing & Copy	30502 Union City BLVD	Tri-City Dentistry	31874 Alvarado BLVD
Finelite	30500 Whipple RD	Tricor Braun	33277 Central AVE
FOOD MAXX #463	30073 Industrial PKWY	Trimetric Specialties, Inc.	30506 Union City BLVD
Fresh Choice Restaurant	32155 Union Landing BLVD	TTM Technologies	30000 Eigenbrodt WY
Fricke-Parks Press inc.	33250 Transit AVE	U.S. Cleaners	34584 Alvarado-Niles RD
Fuddrucker's	32175 Union Landing	Union 76	31300 Alvarado-Niles RD
Full Function Technology	1260 Pacific ST	Union City Auto Body	1250 Pacific ST
Garland-White & Co.	4500 Tara CT	Union City Brake & Clutch	1281 Atlantic ST
GCM Medical and OEM Division, Inc	1350 Atlantic ST	Union City Civic Center	34009 Alvarado-Niles RD
Hard Copy Printing	33363 Croatian WY	Union City Fire Station #30	35000 Eastin CT
Hartter 144 Inc. (KFC)	32004 Alvarado BLVD	Union City Fire Station #31	33555 Central AVE
Hartung Glass	700 Bradford ST	Union City Public Works Maintenance Facility	34650 7th ST

HD Supply Waterworks	34151 Zwissig WY	Union City Teen Workshop	33623 Mission BLVD
Heco - Pacific Mfg	1510 Pacific	Union Dental Center	34608 Alvarado-Niles RD
Hertz Equipment Rental	1333 Atlantic ST	Union Int'l Food Co.	33035 Transit AVE
Hidemi, Oka, DMD, MD, MS, Inc.	33800 Alvarado-Niles RD St 4	Union Landing Dental Center	32364 Dyer ST
Holiday Inn Express	31140 Alvarado-Niles RD	Union Sanitary District	5072 Benson RD
Hoshizaki Western DC, Inc.	29340 Union City BLVD	Union Square Family Dentist	1320 Decoto RD
Hot Pot Union City Corp	34396 Alvarado-Niles RD	United Building Maintenance	3261 Whipple RD
IHop Restaurant #1724	32010 Dyer ST	University of the Pacific Dental	1203 J ST
Induspac California Inc.	33200 Lewis ST	UPS Supply Chain Solutions	30336 Whipple RD
Ingersoll Rand	33261 Central AVE	US Cold Storage	33400 Dowe AVE
In-N-Out Burger	32060 Union Landing BLVD	US Pipe & Foundry	1295 Whipple RD
Integrated Services	1550 Whipple RD	US Spices Corp	2801-9 Faber ST
IRD	1604 Whipple RD	USK Manufacturing, Inc.	720 Zwissig WY
Iron Mountain	29555 Kohoutek WY	V.E.M. Engineering	35218 Alvarado-Niles RD
Island Pacific Supermarket	4122 Dyer ST	VCA All About Pets Animal Hospital	34664 Alvarado-Niles RD
James Logan High School	1800 H ST	Verizon Wireless	2931 Faber ST
Jatco, Inc	34343 Zwissig WY	Verizon Wireless	33467 Western AVE B
Jatco, Inc	725 Zwissig WY	Verizon Wireless - Mission Appian	34860 Mission Blvd
Jeanette C. Guerrero, DMD	31857 Alvarado BLVD	Wal*Mart Store #2031	30600 Dyer ST
Jenson Mechanical	32420 Central	West Coast Cleaners	33366 A-N ST

Jiro Japanese Resturant	34533 Alvarado-Niles RD
Jollibee Restaurant	32460 Dyer ST
Joong ANG Daily News San Francisco, Inc.	33288 Central AVE
Kaiser permanente	30116 Eigenbrodt WY
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD
Keebler-Kellogs's	4001 Whipple RD

Westland Giftware	30180 Ahern AVE
WHC Plumbing Supply Co.	2900 Volpey WY
Whipple Road Family Dental care	1794 Whipple RD
William Asai, DDS	33341 Alvarado-Niles RD B
Winward Silks	3089 Whipple RD
Young's Market Co	1701 Atlantic CT

## POTENTIAL FACILITIES LIST (C.4.b.iii.(1)) - Food Facilities

FACILITY NAME	SITE ADDRESS		
1/3 LB GIANT BURGER	33592	ALVARADO NILES	RD
7 HILLS FOOD STORE	101	APPIAN	WAY
7-ELEVEN FOOD STORE #16104	32215	ALVARADO NILES	RD
7-ELEVEN FOOD STORE #16824	2609	DECOTO	RD
7-ELEVEN FOOD STORE #21427	915	WHIPPLE	RD
A TOWN PIZZA	1830	WHIPPLE	RD
ACACIA CREEK AND MASONIC HOMES	34400	MISSION	BLVD
AFC SUSHI @ SAFEWAY #1197	1790	DECOTO	RD
AMY'S DONUT SHOP	1818	WHIPPLE	RD
ANDERSEN BAKERY & CAFE	31075	COURTHOUSE	DR
APPLEBEE'S	30980	DYER	ST
ASIA EXPRESS CHINESE FOOD	1710	DECOTO	RD
BABY NUTRITIONAL CARE #101	32970	ALVARADO NILES	RD
BACKYARD BOILER SEAFOOD RESTAURANT	32280	DYER	ST
BAKERY LA MEJOR	34572	ALVARADO NILES	RD
BAKERY-TAQUERIA UNO	1854	WHIPPLE	RD
BALDIE'S CAFE	2649	DECOTO	RD
BANYAN TREE	1771	DECOTO	RD
BASKIN ROBBINS	32232	DYER	ST
BHARAT BAZAR	34301	ALVARADO NILES	RD
BIG BROTHER CAFE	1640	DECOTO	RD
BOBBY'S BAMBOO GRILL	31861	ALVARADO	BLVD
BOB'S DISCOUNT LIQUOR #7	32154	ALVARADO	BLVD
BOMBAY PIZZA HOUSE	31871	ALVARADO	BLVD
BRONCO BILLY'S PIZZA PALACE	3940	SMITH	ST
BURGER KING	1801	DECOTO	RD
BURGER KING #13768	31361	ALVARADO-NILES	RD
CAM HUONG SANDWICHES	32124	ALVARADO	BLVD
CENTURY SNACK CENTER	31200	UNION LANDING	
CHAPLINS SPORTS BISTRO	29200	KOHOUTEK	WAY
CHEVRON STATION CORP #91166	1990	DECOTO	RD
CHEVY'S FRESH MEX RESTAURANT	31100	COURTHOUSE	DR
CHILI'S	32120	DYER	ST
CHIPOTLE MEXICAN GRILL #1529	30920	DYER	ST
CHOWKING RESTAURANT	31838	ALVARADO	BLVD
CIVIC CENTER SHELL	2001	DECOTO	RD
COLD STONE CREAMERY	30985	COURTHOUSE	DR
CONNIE ST. CLAIR QUIK STOP #3029	1824	WHIPPLE	RD
CROWNE PLAZA	32083	ALVARADO NILES	RD
CURRY KING	34579	ALVARADO NILES	RD
DAAWAT	33330	ALVARADO NILES	RD
DELAINE EASTIN SCHOOL	34901	EASTIN	DR
DOLLAR TREE STORE #1233	1720	DECOTO	RD
DOMINO'S PIZZA	33600	ALVARADO NILES	RD

DONUT DELIGHT	34554	ALVARADO NILES	RD
DRAGON HOUSE	3821	SMITH	ST
EL BURRITO SUPREMO	34587	ALVARADO NILES	RD
ELITE BAKERY	4123	DYER	ST
ERNIE'S WINE & LIQUORS	31846	ALVARADO	BLVD
FEDERICOS TAPAS & WINE BAR	30971	COURTHOUSE	DR
FOOD MAXX (BAKERY)	30073	INDUSTRIAL	PKWY
FOOD MAXX (BAKERY)	30073	INDUSTRIAL	PKWY
FRESH & NATURAL CAFE	3555	WHIPPLE	AVE
FUDDRUCKERS	32175	UNION LANDING	BLVD
GERRY'S GRILL	31005	COURTHOUSE	DR
GOLDILOCKS BAKESHOP	4126	DYER	ST
HAAFIZ FOOD MART	34595	ALVARADO NILES	RD
HONG KONG RESTAURANT	4100	DYER	ST
HOUSE OF DUMPLINGS	109	APPIAN	WAY
IN-N-OUT BURGER #156	32060	UNION LANDING	BLVD
INTERNATIONAL HOUSE OF PANCAKES	32010	DYER	ST
ISLAND PACIFIC SUPERMARKET INC	4122	DYER	ST
JAMBA JUICE #420	32358	DYER	ST
JASMINE RESTAURANT	30059	INDUSTRIAL	PKWY
JENJON'S CAFE	1704	DECOTO	RD
JIMMY'S PLACE	1688	DECOTO	RD
JIM'S COCKTAIL LOUNGE	34696	ALVARADO NILES	RD
JIRO JAPANESE RESTAURANT	34533	ALVARADO NILES	RD
JOJOLI	31866	ALVARADO	BLVD
JOLLIBEE	32460	DYER	ST
KABILA	29286	UNION CITY	BLVD
KALINDA'S RESTAURANT/CATERING	31834	ALVARADO	BLVD
KENTUCKY FRIED CHICKEN #144	32004	ALVARADO	BLVD
KING LIQUORS	30063	INDUSTRIAL	PKWY
KOI SUSHI BOAT	1737	DECOTO	RD
KRISPY KREME	32450	DYER	ST
L & L HAWAIIAN BARBECUE	1668	DECOTO	RD
LA SALSA FRESH MEXICAN GRILL	32248	DYER	ST
LECHON MANILA	32104	ALVARADO	BLVD
LIL CRAVIN'	1767	DECOTO	RD
LIQUOR BARREL	2641	DECOTO	RD
LITTLE PANDA CHINESE FOOD	31859	ALVARADO	BLVD
LITTLE SHEN YANG	1749	DECOTO	RD
LOS DOS GALLOS	34704	ALVARADO NILES	RD
LUCKY SUPERMARKET	32300	DYER	ST
LUCKY SUPERMARKET	32300	DYER	ST
LUCKY SUPERMARKET	32300	DYER	ST
MAGAT'S ASIAN GROCERY AND TRADING	31873	ALVARADO	BLVD
MANDAVI BAZAAR	31804	ALVARADO	BLVD
MANEKI SUSHI	31810	ALVARADO	BLVD
MANILA GOOD-HA SA UNION CITY	4130	DYER	ST

MANILA SUNRISE RESTAURANT	4122	DYER	ST
MARINA FOOD #6 LLC	1791	DECOTO	RD
MARINA FOOD #6 LLC	1791	DECOTO	RD
MARINA FOOD #6 LLC	1791	DECOTO	RD
MAYFLOWER SEAFOOD RESTAURANT	34348	ALVARADO NILES	RD
MCDONALDS	30600	DYER	ST
MCDONALD'S	27	UNION SQUARE	
MENCONI'S	32611	ALVARADO	BLVD
MEXICO LINDO	33306	ALVARADO NILES	RD
MEXICO TIPICO	3980	HORNER	ST
MISSION FOOD & LIQUOR	101	DECOTO	RD
MISSION VIEW FOOD & LIQUOR	33503	MISSION	BLVD
MONGOLIA HOT POT	34396	ALVARADO NILES	RD
MORTAR PESTLE	32136	ALVARADO	BLVD
MOUNTAIN MIKE'S PIZZA	32170	DYER	ST
MR KEBAB	1760	DECOTO	RD
MUSKAAN INDIAN CUISINE	1706	DECOTO	RD
NAYONG FILIPINO	1796	WHIPPLE	RD
NEW CHINA	1743	DECOTO	RD
NEW INDIA MARKET	31885	ALVARADO	BLVD
NEW LUK YUEN RESTAURANT	31802	ALVARADO	BLVD
NILES LIQUORS & MINI MART	34359	ALVARADO NILES	RD
OO LIQUORS	1800	WHIPPLE	RD
PADDY'S	3900	SMITH	ST
PAPA JOHN'S PIZZA	30593	UNION CITY	BLVD
PASTA POMODORO	32216	DYER	ST
PEPPER TREE LOUNGE	1848	WHIPPLE	RD
PERRY'S LIQUORS	31885	ALVARADO	BLVD
PHO PASTEUR RESTAURANT	31860	ALVARADO	BLVD
PHO TUONG LAI	1779	DECOTO	RD
PIZZA HUT	2617	DECOTO	RD
POPEYE'S LOUISIANA KITCHEN	31816	ALVARADO	BLVD
PUMP IT UP OF UNION CITY	2995	WHIPPLE	RD
QUICK SHOP MARKET	31887	ALVARADO	BLVD
R.B. DELI	2813	WHIPPLE	RD
RAYAAN PIZZA & PASTA	32106	ALVARADO	BLVD
RED RIBBON BAKESHOP INC	31840	ALVARADO	BLVD
RITE AID #5943	1650	DECOTO	RD
RITE AID #5943	1650	DECOTO	RD
RITE AIDE #5942	31836	ALVARADO	BLVD
RITE AIDE #5942	31836	ALVARADO	BLVD
ROSE GARDEN RESTAURANT	33348	ALVARADO NILES	RD
ROSHNI MARKET	2633	DECOTO	RD
ROUND TABLE PIZZA	1744	DECOTO	RD
RUGGIERI SENIOR CENTER	33997	ALVARADO NILES	RD
SAFEWAY #1197	1790	DECOTO	RD
SAFEWAY #1197	1790	DECOTO	RD

SAFEWAY #1197	1790	DECOTO	RD
SAFEWAY #1197	1790	DECOTO	RD
SAFEWAY #1197	1790	DECOTO	RD
SANGRAM'S PALACE	30063	INDUSTRIAL	PKWY
SEA FOOD CITY SUPERMARKET	31840	ALVARADO	BLVD
SHALIMAR INDIAN GROCERIES	32118	ALVARADO	BLVD
SHELL FOODMART	31301	ALVARADO NILES	RD
SHENG KEE BAKERY #10	34332	ALVARADO NILES	RD
SK DONUT SHOP	32102	ALVARADO	BLVD
SMART & FINAL	31070	DYER	ST
SMITH CONVENIENT MARKET	3834	SMITH	ST
SPICE HOUSE CO.	29266	UNION CITY	BLVD
STARBUCKS #5887	1752	DECOTO	RD
STARBUCKS COFFEE #11167	32340	ALVARADO	BLVD
STARBUCKS COFFEE #13231	33115	MISSION	BLVD
STARBUCKS COFFEE #5653	32240	DYER	ST
SUBWAY #5476	34367	ALVARADO NILES	RD
SUBWAY SANDWICHES & SALADS #18968	30057	INDUSTRIAL	PKWY
SUBWAY SANDWICHES & SALADS #29141	32144	ALVARADO	BLVD
SUPERMERCADO GUADALAJARA	33909	10TH	ST
SUSHI BOAT	32200	DYER	ST
TACO BELL #4373	34525	ALVARADO NILES	RD
TACO BELL #15798	30075	INDUSTRIAL	PKWY
TACO BELL #2194	32002	ALVARADO	BLVD
TADAMASA RAMEN	34672	ALVARADO NILES	RD
TAIPEI 101	34308	ALVARADO NILES	RD
TAPIOCA EXPRESS	1707	DECOTO	RD
TEXAS ROADHOUSE	32115	UNION LANDING	
TGI FRIDAYS	31900	DYER	ST
THAI BBQ	4116	DYER	ST
THAI KITCHEN RESTAURANT	31845	ALVARADO	BLVD
THAI VILLAGE CUISINE	34571	ALVARADO NILES	RD
THE MARY CORDOZA CENTER	2831	FABER	ST
THE NEW YORKER PIZZA	34391	ALVARADO NILES	RD
THE VITAMIN SHOPPE	32109	UNION LANDING	BLVD
TOGOS	32220	DYER	ST
TONY ROMAS	32135	UNION LANDING	BLVD
TOPPINGS TOO!! RESTAURANT	3910	SMITH	ST
TRIBU GRILL	32208	DYER	ST
UNION CITY DONUTS & DELI	31080	UNION CITY	BLVD

## **ATTACHMENT 2**

**C.4.b.iii.(2)**

**Facilities Scheduled**

**For Inspection List FY 2012-13**

## FACILITIES SCHEDULED FOR INSPECTION IN FY 2012/2013

FACILITY NAME	SITE ADDRESS
Union 76	31300 Alvarado-Niles RD
Orcon	1570 Atlantic ST
LSI / Ingredients International	1610 Whipple RD
Union City Public Works Maintenance Facility	34650 7th ST
AlCo Pump Station J-2	4588 Delores DR
Alvarado 76	31901 Alvarado BLVD
Chevron Station	1990 Decoto RD
Union Int'l Food Co.	33035 Transit AVE
Blue Sky Cleaners	32920 Alvarado-Niles RD # 200
Alvarado Shell Auto Care #13619	31889 Alvarado BLVD
Alvarado Niles Shell	32187 Alvarado-Niles RD
James Logan High School	1800 H ST
Dawn Food Products Inc.	2845 Faber ST
Union Sanitary District	5072 Benson RD
ABE Petroleum	33090 Mission BLVD A
Penske Truck Leasing	1550 Pacific ST B
US Cold Storage	33400 Dowe AVE
US Pipe & Foundry	1295 Whipple RD
IRD	1604 Whipple RD
Anixter	30061 Ahern AVE
Felt's Printing & Copy	30502 Union City BLVD
CEMEX Construction Materials Pacific, LLC	900 Whipple RD
Family Dental Center	34399 Alvarado-Niles RD
Autowise Automotive	35194 Alvarado-Niles RD
Eleanor Pulido, DMD	33404 Alvarado-Niles RD
Blommers Chocolate	33377 Transit AVE
Randhawa Dental Corp	4138 Dyer ST Ste 1
Bond Blacktop	2828 Faber ST # A
Hartung Glass	700 Bradford ST
Carter Industries	950 Whipple RD
Ajax Custom Mfg	34585 7th ST
Dr. Mock, DDS	2701 Decoto RD 1
Chili's #624 Union City	32120 Dyer ST

FACILITY NAME	SITE ADDRESS		
BOBBY'S BAMBOO GRILL	31861	ALVARADO	BLVD
BOB'S DISCOUNT LIQUOR #7	32154	ALVARADO	BLVD
BOMBAY PIZZA HOUSE	31871	ALVARADO	BLVD
CAM HUONG SANDWICHES	32124	ALVARADO	BLVD
CHOWKING RESTAURANT	31838	ALVARADO	BLVD
ERNIE'S WINE & LIQUORS	31846	ALVARADO	BLVD
JOJOLI	31866	ALVARADO	BLVD
KALINDA'S RESTAURANT/CATERING	31834	ALVARADO	BLVD
KENTUCKY FRIED CHICKEN #144	32004	ALVARADO	BLVD
LECHON MANILA	32104	ALVARADO	BLVD
LITTLE PANDA CHINESE FOOD	31859	ALVARADO	BLVD
MAGAT'S ASIAN GROCERY AND TRADING	31873	ALVARADO	BLVD
MANDAVI BAZAAR	31804	ALVARADO	BLVD
MANEKI SUSHI	31810	ALVARADO	BLVD
MENCONI'S	32611	ALVARADO	BLVD
MORTAR PESTLE	32136	ALVARADO	BLVD
NEW INDIA MARKET	31885	ALVARADO	BLVD
NEW LUK YUEN RESTAURANT	31802	ALVARADO	BLVD
PERRY'S LIQUORS	31885	ALVARADO	BLVD
PHO PASTEUR RESTAURANT	31860	ALVARADO	BLVD
POPEYE'S LOUISIANA KITCHEN	31816	ALVARADO	BLVD
QUICK SHOP MARKET	31887	ALVARADO	BLVD
RAYAAN PIZZA & PASTA	32106	ALVARADO	BLVD
RED RIBBON BAKESHOP INC	31840	ALVARADO	BLVD
RITE AIDE #5942	31836	ALVARADO	BLVD
RITE AIDE #5942	31836	ALVARADO	BLVD
SEA FOOD CITY SUPERMARKET	31840	ALVARADO	BLVD
SHALIMAR INDIAN GROCERIES	32118	ALVARADO	BLVD
SK DONUT SHOP	32102	ALVARADO	BLVD
STARBUCKS COFFEE #11167	32340	ALVARADO	BLVD
SUBWAY SANDWICHES & SALADS #29141	32144	ALVARADO	BLVD
TACO BELL #2194	32002	ALVARADO	BLVD
THAI KITCHEN RESTAURANT	31845	ALVARADO	BLVD

Fresh Choice Restaurant	32155 Union Landing BLVD
UPS Supply Chain Solutions	30336 Whipple RD
Quality Cleaners	31864 Alvarado BLVD
Dan Oden Swim Center	33901 Syracuse AVE
Lowe's	32040 Union Landing BLVD
A&H Truck Repair	30319 Union City BLVD
Union City Civic Center	34009 Alvarado-Niles RD
Ryss Lab, Inc	29540 Kohoutek WY
Century Theaters, Inc.	32100 Union Landing BLVD
Whipple Road Family Dental care	1794 Whipple RD
U.S. Cleaners	34584 Alvarado-Niles RD
The Imagery Group	3245 Whipple RD
Jeanette C. Guerrero, DMD	31857 Alvarado BLVD
Finelite	30500 Whipple RD
Buffalo Distribution	1624 Pacific ST
Delta Pacific Products, Inc.	33170 Central AVE
Crown Worldwide Moving Storage	32001 Dowe AVE

City of Union City

7-ELEVEN FOOD STORE #16104	32215	ALVARADO NILES	RD
BABY NUTRITIONAL CARE #101	32970	ALVARADO NILES	RD
BAKERY LA MEJOR	34572	ALVARADO NILES	RD
BHARAT BAZAR	34301	ALVARADO NILES	RD
CROWNE PLAZA	32083	ALVARADO NILES	RD
CURRY KING	34579	ALVARADO NILES	RD
DAAWAT	33330	ALVARADO NILES	RD
DOMINO'S PIZZA	33600	ALVARADO NILES	RD
DONUT DELIGHT	34554	ALVARADO NILES	RD
EL BURRITO SUPREMO	34587	ALVARADO NILES	RD
HAAFIZ FOOD MART	34595	ALVARADO NILES	RD
JIM'S COCKTAIL LOUNGE	34696	ALVARADO NILES	RD
JIRO JAPANESE RESTAURANT	34533	ALVARADO NILES	RD
LOS DOS GALLOS	34704	ALVARADO NILES	RD
MAYFLOWER SEAFOOD RESTAURANT	34348	ALVARADO NILES	RD
MEXICO LINDO	33306	ALVARADO NILES	RD
MONGOLIA HOT POT	34396	ALVARADO NILES	RD
NILES LIQUORS & MINI MART	34359	ALVARADO NILES	RD
ROSE GARDEN RESTAURANT	33348	ALVARADO NILES	RD
RUGGIERI SENIOR CENTER	33997	ALVARADO NILES	RD
SHELL FOODMART	31301	ALVARADO NILES	RD
SHENG KEE BAKERY #10	34332	ALVARADO NILES	RD
SUBWAY #5476	34367	ALVARADO NILES	RD
TACO BELL #4373	34525	ALVARADO NILES	RD
TADAMASA RAMEN	34672	ALVARADO NILES	RD
TAIPEI 101	34308	ALVARADO NILES	RD
THAI VILLAGE CUISINE	34571	ALVARADO NILES	RD
THE NEW YORKER PIZZA	34391	ALVARADO NILES	RD
BURGER KING #13768	31361	ALVARADO-NILES	RD

## **ATTACHMENT 3**

**C.5.d.iii(1 to 3)**

**Mobile Businesses Fact Sheets**

## PROPER DISPOSAL OF WASTEWATER

# Fundraising Car Washes

Car washes have long been a favorite fundraiser for scout troops, schools and other non-profit groups. But in the last few years we have become aware of the negative impact car washes have on the environment. Dirty water containing soaps, detergent, residue from exhaust fumes, gasoline and motor oil washes off the cars and directly into the storm drain, and then into the Bay. Collectively, car wash events can account for some serious pollution.

### Choosing a site

It is important to choose a site for your car wash where wastewater can be disposed of properly. Some popular sites, such as service stations and parking lots, usually do not have the necessary connections to the *sanitary sewer system*.

### Here are some options:

- Find a sponsor for your car wash that uses a closed-loop washing system — one that recycles its water.
- Ask a local commercial car wash to donate part of their day's receipts or see if they will allow you to sell a special wash ticket.
- Hold your car wash at an industrial or commercial site that has a designated vehicle wash area.
- Rent a mobile washing system that can contain the water on the site. The collected water must be disposed of properly into the sanitary sewer, and not into a *stormdrain*.
- Contact your city's local clean water program to see how you can set up an area to drain wash water to the sewer.



## Keep car wash water OUT of storm drains.



Pouring cleaning fluids or soapy wash water from auto activities into the gutters or storm drains will damage sensitive habitats and kill wildlife. Water flowing into storm drains travels directly to local creeks and then to San Francisco Bay. It does not go to a water treatment plant first.

Learn more about preventing water pollution and the Clean Water Program at [www.cleanwaterprogram.org](http://www.cleanwaterprogram.org).



## What about biodegradable and non-toxic cleaning products?

These guidelines apply even to cleaning products labeled “non-toxic” and “biodegradable.”

- “Non-toxic” means the product is not toxic to the user.
- “Biodegradable” means the product will eventually break down. Biodegradable products can still harm aquatic wildlife since they need time to break down before they are safe. When biodegradable products enter a creek, they are generally still toxic and can harm wildlife and plants.

## What about leftover or unwanted cleaning products?

Leftover cleaning products should be properly disposed of. Contact the Hazardous Waste agency for your area for more information. See phone numbers at right.

### KEY DEFINITIONS

The **Storm Drain System** was built to collect and transport rain to prevent flooding in urban areas. Anything that flows or is discharged into the storm drain system goes directly into local creeks or San Francisco Bay without any treatment.

The **Sanitary Sewer System** collects and transports sanitary wastes from interior building plumbing systems to the wastewater treatment plant where the wastewater is treated.



[cleanwaterprogram.org](http://cleanwaterprogram.org)

Having clean and healthy waterways is important to our daily lives. That’s why the Clean Water Program helps residents and businesses better understand what role each one of us plays in protecting local creeks, wetlands and the Bay. The Program fosters an appreciation of the local environment, inspiring people to do their part to prevent water pollution during everyday activities. The Program’s free publications and friendly, knowledgeable staff make doing the right thing easy and rewarding.

Learn more about preventing water pollution and the **Clean Water Program** at [www.cleanwaterprogram.org](http://www.cleanwaterprogram.org).

## For More Help

For advice and approval on wastewater disposal to the sanitary sewer system, contact:

<b>Cities of Alameda, Albany, Berkeley, Emeryville, Oakland or Piedmont</b> East Bay Municipal Utility District (EBMUD).....	(510) 287-1651
<b>Castro Valley</b> Castro Valley Sanitary District ..	(510) 537-0757
<b>Cities of Dublin or Pleasanton</b> Dublin-San Ramon Services District.....	(925) 828-0515
<b>Cities of Fremont, Newark or Union City</b> Union Sanitary District .....	(510) 477-7500
<b>City of Hayward</b> City of Hayward .....	(510) 881-7900
<b>City of Livermore</b> City of Livermore .....	(925) 960-8100
<b>Cities of San Lorenzo, unincorporated portions of San Leandro and Hayward</b> Oro Loma Sanitary District .....	(510) 481-6971
<b>City of San Leandro</b> City of San Leandro.....	(510) 577-3401

### Local Stormwater Agencies

For advice on avoiding disposal to the storm drain system, contact:

Alameda.....	(510) 747-7930
Albany .....	(510) 528-5770
Berkeley.....	(510) 981-7460
Dublin .....	(925) 833-6650
Emeryville .....	(510) 596-3728
Fremont .....	(510) 494-4570
Hayward .....	(510) 881-7900
Livermore .....	(925) 960-8100
Newark .....	(510) 578-4286
Oakland .....	(510) 238-6544
Piedmont.....	(510) 420-3050
Pleasanton .....	(925) 931-5511
San Leandro .....	(510) 577-3401
Unincorporated Alameda County.....	(510) 567-6700
Union City.....	(510) 675-5301
Clean Water Program.....	(510) 670-5543

### Local Hazardous Waste Agencies

Alameda County Environmental Health .....	(510) 567-6780 (Serves Alameda, Albany, Castro Valley, Dublin, Emeryville, Newark, Piedmont, San Lorenzo, and Sunol.)
Berkeley Toxics .....	(510) 981-7460
Fremont Fire .....	(510) 494-4213
Hayward Fire .....	(510) 583-4910
Livermore-Pleasanton Fire .....	(925) 454-2362
Oakland Fire .....	(510) 238-3927
San Leandro .....	(510) 577-3401
Union City.....	(510) 675-5358

## PROPER DISPOSAL OF WASTEWATER

# Tips for Carpet Cleaners

The Clean Water Program's friendly and knowledgeable staff support companies like yours in preventing water pollution. The fact that you are reading this fact sheet probably means you have already decided to take steps to do the right thing with the wastewater from your business. Thank you for helping to keep our water safe and healthy.

### Step 1: Filter

First, you should filter the wash water before discharging to the sewer. Fibers and other debris in the water can cause sewer blockages and overflows. The filtered material can go in the garbage, provided the carpet was not contaminated with hazardous materials. See page two for information on how to properly dispose of hazardous materials.

### Step 2: Discharge properly

Next, it's important that wash water and rinse water from carpet cleaning be discharged into a **cleanout**, sink, toilet or other drain connected to the **sanitary sewer system**, and never into a street, gutter, parking lot or **storm drain**.

Allowing any material (liquid or solid) to be dumped into the storm drain, hosed off the pavement into a storm drain or placed where it can be carried to the storm drain by rainwater is an illegal discharge, and the individual could face civil and criminal prosecution for each violation.

### KEY DEFINITIONS

The **Storm Drain System** was built to collect and transport rain to prevent flooding in urban areas. Anything that flows or is discharged into the storm drain system goes directly into local creeks or San Francisco Bay without any treatment.



Protecting Alameda County  
Creeks, Wetlands & the Bay

[cleanwaterprogram.org](http://cleanwaterprogram.org)



**Keep carpet cleaning wash water OUT of storm drains.**



Pouring cleaning fluids or soapy wash water from carpet cleaning activities into the gutters or storm drains will damage sensitive habitats and kill wildlife. Water flowing into storm drains travels directly to local creeks and then to San Francisco Bay. It does not go to a water treatment plant first.

Learn more about preventing water pollution and the Clean Water Program at [www.cleanwaterprogram.org](http://www.cleanwaterprogram.org).



## Proper Procedures for Disposal

- Arrange with your customer to discharge into a toilet or utility sink on their premises, after receiving approval from the local wastewater treatment authority. OR
- Empty your spent cleaning fluid into a utility sink or other indoor sewer connection at your home base after receiving approval from your local wastewater treatment authority.

## What about biodegradable and non-toxic cleaning products?

These guidelines apply even to cleaning products labeled “non-toxic” and “biodegradable.”

- “Non-toxic” means the product is not toxic to the human user.
- “Biodegradable” means the product will eventually break down. Biodegradable products can still harm aquatic wildlife since they need time to break down before they are safe. When biodegradable products enter a creek, they are generally still toxic and can harm wildlife and plants.

## What if you’ve cleaned carpets contaminated with hazardous materials?

Hazardous materials, such as mercury and some solvents and spot removers, cannot be discharged to the sanitary sewer or disposed of as garbage. All hazardous waste must be properly managed and disposed.

## For Help with Hazardous Waste Disposal

Alameda County Household & Small Business Hazardous Waste Program, [www.acgov.org/aceh/household](http://www.acgov.org/aceh/household)

California Department of Toxic Substances Control, [www.dtsc.ca.gov/HazardousWaste](http://www.dtsc.ca.gov/HazardousWaste)

### KEY DEFINITIONS

A **Cleanout** is a pipe fitting with a removable plug for inspecting and cleaning out sewer drain pipes.

The **Sanitary Sewer System** collects and transports sanitary wastes from interior building plumbing systems to the wastewater treatment plant where the wastewater is treated.



**cleanwater**  
PROGRAM

[cleanwaterprogram.org](http://cleanwaterprogram.org)  
Attachment C.5.d.ii(2)

### CLEAN WATER PROGRAM

Simple changes to your operations and maintenance can help you comply with local regulations. The Clean Water Program makes it easy.

Learn more about preventing water pollution and the Clean Water Program at [www.cleanwaterprogram.org](http://www.cleanwaterprogram.org).

## For More Help

For advice and approval on wastewater disposal to the sanitary sewer system, contact:

### Cities of Alameda, Albany, Berkeley, Emeryville, Oakland or Piedmont

East Bay Municipal Utility District (EBMUD)..... (510) 287-1651

### Castro Valley

Castro Valley Sanitary District .. (510) 537-0757

### Cities of Dublin or Pleasanton

Dublin-San Ramon Services District..... (925) 828-0515

### Cities of Fremont, Newark or Union City

Union Sanitary District..... (510) 477-7500

### City of Hayward

City of Hayward..... (510) 881-7900

### City of Livermore

City of Livermore ..... (925) 960-8100

### Cities of San Lorenzo, unincorporated portions of San Leandro and Hayward

Oro Loma Sanitary District ..... (510) 481-6971

### City of San Leandro

City of San Leandro..... (510) 577-3401

### Local Stormwater Agencies

For advice on avoiding disposal to the storm drain system, contact:

Alameda.....	(510) 747-7930
Albany.....	(510) 528-5770
Berkeley.....	(510) 981-7460
Dublin.....	(925) 833-6650
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Piedmont.....	(510) 420-3050
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### Local Hazardous Waste Agencies

Alameda County Environmental Health.....	(510) 567-6780
<i>(Serves Alameda, Albany, Castro Valley, Dublin, Emeryville, Newark, Piedmont, San Lorenzo, and Sunol.)</i>	
Berkeley Toxics.....	(510) 981-7460
Fremont Fire.....	(510) 494-4213
Hayward Fire.....	(510) 583-4910
Livermore-Pleasanton Fire.....	(925) 454-2362
Oakland Fire.....	(510) 238-3927
San Leandro.....	(510) 577-3401
Union City.....	(510) 675-5358

# MOBILE PET CARE



## Proper Disposal Tips

**Keep wash waters, pest control fluids and animal hair OUT of storm drains!**

One of the main sources of water pollution today is urban runoff. Urban runoff is stormwater that flows through our streets, comes into contact with our homes and businesses, and carries a wide array of pollutants directly to local creeks and San Francisco Bay. Washing, rinsing, pouring or discharging flea control shampoos, fur clippings or soapy wash water from pet care activities into the gutters or storm drains will damage sensitive habitats and kill wildlife.

**Please remember – *Only Rain Down the Storm Drain!*** Allowing any material (liquid or solid) to be dumped into the storm drain, hosed off the pavement into a storm drain or placed where it can be carried to the storm drain by rainwater is an illegal discharge and the individual could face civil and criminal prosecution for each violation.

### ***What to do with flea/tick control shampoos, dips and related pest control fluids?***

Shampoos and dips used for flea/tick and other pest control must be discharged into a sink, toilet, or other drain connected to the sanitary sewer system – **never** to a street, gutter, parking lot, or storm drain.

- Arrange with your customer to discharge into a toilet or utility sink on their premises, after receiving approval from the local wastewater treatment authority.  
OR
- Empty your pest control fluids into a utility sink or other indoor sewer connection at your home base after receiving authority from your local wastewater treatment authority.

### ***What to do with conditioners, shampoos, and wash waters with NO pest control chemicals?***

- Discharge to the sanitary sewer system following the same directions as above.  
OR
- Arrange with your customer to discharge to their landscaping, if discharging to the sanitary sewer is not feasible and the waste rinse water contains little to no soap. This option is appropriate for disposal of small quantities that can be discharged at a slow rate. However, if the landscaped area contains an underground drainage system, discharge to landscaping may not be a feasible option. Please contact your local clean water program

to confirm that there is no underground drain system connected to the local storm drain system.

***What to do with pet fur/hair trimmings?***

- Filter the wash water before discharging to the sanitary sewer. Fur/excess hair or other solids present in the wash water can cause blockages in the sewer system. Please dispose of filtered material properly.

**Additional important information:**

Improper handling and disposal of materials that creates a discharge to a storm drain is illegal. Both the company and individuals responsible are subject to civil and criminal prosecution.

These guidelines are still applicable even when using cleaning products labeled “**nontoxic**” and “**biodegradable.**” “Nontoxic” means the product is not toxic to the *user*. “Biodegradable” means the product will *eventually* break down.

Learn more about urban runoff pollution and the Alameda County Clean Water Program at [www.cleanwaterprogram.org](http://www.cleanwaterprogram.org)



If you are working in the:

Cities of Alameda, Albany, Berkeley, Emeryville, Oakland, or Piedmont

Unincorporated area of Castro Valley

Cities of Dublin or Pleasanton

Cities of Fremont, Newark, or Union City

City of Hayward

City of Livermore

Cities of San Lorenzo, unincorporated portions of San Leandro and Hayward

City of San Leandro

The wastewater treatment agency to contact is:

East Bay Municipal Utility District (EBMUD) (510) 287-1651

Castro Valley Sanitary District (510) 537-0757

Dublin-San Ramon Services District (925) 846-0568

Union Sanitary District (510) 477-7500

City of Hayward (510) 881-7900

City of Livermore (925) 960-8100

Oro Loma Sanitary District (510) 481-6971

City of San Leandro (510) 577-3401

For more information about the clean water program in your area, call 1-510-670-5543.

## **ATTACHMENT 4**

**C.5.f.iii.(4)**

**Illicit Discharge Tracking Spreadsheet**



## **ATTACHMENT 5**

**C.7.g**

**Watershed Stewardship Collaborative Efforts &  
Citizen Involvement Events Table**



## **ATTACHMENT 6**

### **C.9**

**Ch. 12.16 Union City Municipal Code Chapter  
12.16.150 – Use of Chemical Agents (Adopted  
IPM & BMP)**

## Union City Municipal Code

[Up](#)[Previous](#)[Next](#)[Main](#)[Search](#)[Print](#)**12.16.150 Use of chemical agents.**

---

A. Purpose. This policy sets forth the guiding principles for development and implementation of Integrated Pest Management (IPM) practices on all City properties to reduce adverse impacts to local arroyos and the San Francisco Bay due to pesticide usage.

B. Organizations Affected.

1. Public Works;
2. Building Maintenance;
3. Purchasing;
4. Leisure Services.

C. Policy. The City of Union City sets forth this policy to:

1. Develop and implement an Integrated Pest Management policy and procedure in compliance per Section C.10.c.i of the National Pollutant Discharge Elimination System (NPDES) permit;
2. Implement a policy requiring the alternative methods to minimize pesticide use and Integrated Pest Management techniques in the co-permittee's operations, as required by co-permittees of the Alameda Countywide Clean Water Program;
3. Support the provisions of this section by describing procedures by which the City may implement its policy regarding urban runoff.

This policy shall not be construed as requiring the City of Union City, a department, purchaser or contractor to take any action that conflicts with local, State or Federal requirements. Products procured are subject to adequacy for intended use; exclude adequate competition; health or safety risk; and reasonable pricing.

D. Objectives and Goals.

1. Design and construct indoor and outdoor areas to reduce and eliminate pest habitats.
2. Use physical controls such as hand weeding, traps, and barriers.
3. Modify management practices including watering, waste management, and food storage.
4. Modify pest ecosystem to reduce food and living space.
5. Utilize bio-swales as pre-treatment of stormwater.
6. Pre-treatment of stormwater through vegetation management.
7. Reduce or minimize pesticide use on City properties.
8. Create awareness among City staff of less-toxic pest management techniques.
9. Plant five hundred trees per year to help control storm water and increase canopy.
10. Annual backflow prevention testing and repair to prevent cross-contamination.
11. The use of chemicals shall be considered as a last resort and selected and used by a licensed pest control operator in accordance with pesticide selection criteria.
12. Advertisement to newspaper articles explaining Bay Friendly practices to the general public. Educate school-aged students about local creeks, watershed and native plantings along riparian zones and erosion control.

E. Definitions.

1. *Biological control* – The method of pest control through biological means. An example of this type of control include, but are not limited to, beneficial insect release for control of certain types of weeds or invasive insects in landscapes.

2. *Cultural control* – The use of IPM control methods to manipulate or modify the growing environment. Examples of this type of control include, but are not limited to, mulching, proper irrigation, seeding, and good housekeeping.

3. *DPR* – Department of Pesticide Regulations for the State of California’s Environmental Protection Agency. DPR, in partnership with the Federal Environmental Protection Agency (EPA) and the County Department of Agriculture, oversees all issues regarding the registration, licensing and enforcement of laws and regulations pertaining to pesticides.

4. *Integrated Pest Management (IPM)* – IPM is an approach that focuses on appropriate pest management options by the most economical means, and with the least possible hazard to people, property, and the environment. These include cultural, mechanical, biological and chemical technologies that are implemented for a given site and pest situation in ways that minimize economic, health and environmental risks.

5. *Mechanical controls* – The use of IPM control methods utilizing hand labor or equipment to prevent infestation without the use of cultural or biological controls. Examples of this type of control include, but are not limited to, hand weeding, mowing, and closing insect and rodent entryways.

6. *PCA* – Pest control advisor is one licensed by the California Department of Pesticide Regulations according to Title 3, Article 5 of the California Code of Regulations. A licensed PCA, who is registered with the County Agricultural Commissioner, provides written pest control recommendations for agricultural pest management, including parks, cemeteries, and rights-of-way.

7. *Pesticides* – Defined in Section 12753 of the California Food and Agricultural Code as any spray adjuvant, or any substance, or mixture of substances intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest. The term pesticide applies to herbicides, insecticides, fungicides, rodenticides and other substances used to control pests.

8. *QAL* – Qualified applicator license is a licensed applicator according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, institutional, landscape, or rights-of-way sites.

9. *QAC* – Qualified applicator certificate is a certified applicator of pesticides according to Title 3, Article 3 of the California Code of Regulations. This certificate allows supervision of applications that may include residential, industrial, landscape, or rights-of-way sites.

10. *Structural pest control operator (SPCO- Branch I, II or III)* – A licensed applicator for controlling pests that invade buildings and homes according to the requirements of the Structural Pest Control Board of the California Department of Consumer Affairs.

F. Responsibility.

1. City of Union City’s Public Works Director, or designees, shall coordinate the implementation of this IPM policy.

2. Training.

a. Annual training will be provided by responsible City Staff to all employees who apply pesticides as a normal part of their job duties on pesticide safety, IPM Policy, appropriate Best Management Practices, and Integrated Pest Management Technologies supported by the Alameda Countywide Clean Water Program.

b. Pest control advisors, qualified applicators, and licensed contractors serving City-owned properties will be licensed by the State of California Department of Pesticide Regulations (DPR) as a pest control advisor or

licensed or certified qualified applicator.

c. Bay Friendly training will be required for Public Works grounds employees and participating volunteers to help nurture the soil, maintain water and air quality, conserve energy, conserve water, reduce landfill contribution, and preserve wildlife habitat.

3. Public Education and Outreach.

a. City of Union City's Public Works Grounds Division, in participation with the Alameda Countywide Clean Water Program, will continue with its existing program to encourage people who live, work, and/or attend school in Union City to:

- i. Obtain information on IPM techniques to control pests and minimize pesticide use;
- ii. Use IPM technologies for dealing with pest problems;
- iii. Perform pesticide applications according to the manufacturer's instructions as detailed on the product label, and in accordance with all applicable State and local laws and policies set forth to protect the environment, the public, and the applicator; and properly dispose of unused pesticides and their containers.

b. City of Union City property leaseholders will be informed of the City's IPM administrative policy and encouraged to use the most current IPM technologies and best management practices.

4. Program Evaluation. The Grounds Division shall periodically evaluate the success of this administrative policy implementation by providing a report to the Public Works Engineering Department and/or other divisions affected by the policy. Evaluation will address program effectiveness, compliance, and recommendations to ensure this policy's objectives will be met.

5. Reporting Requirements. City employed pest applicator staff and appropriately licensed pest management contractors employed by the City to provide City services that involve pesticide application on City-owned properties shall complete and submit by July 15th to the Public Works Grounds Supervisor:

a. Annual Storage/Inventory Report – Due July 15th of each fiscal year. City staff will report on inventory stored on city-owned properties. Completed form should list:

- i. Product name,
- ii. Pesticide type (i.e., Fumatoxin, Gastoxin, Glysophate, etc.),
- iii. Quantity on hand (as of June 30th),
- iv. Pesticides no longer legal or appropriate for applications per Federal, State, County, or City requirements;

b. Annual Pesticide Use Summary Report – Due July 15th of each fiscal year. The following will be required by City staff and contractors. Completed reports for each service site should list:

- i. Manufacturer and product name,
- ii. Pesticide type (i.e., Fumatoxin, Gastoxin, Glysophate, etc.),
- iii. The total quantity of each pesticide used during the prior fiscal year (from July 1st to June 30th) in order to provide an accounting of pesticide use at City-owned properties.

Annual Storage/Inventory Report and Annual Pesticide Use Summary Report Forms may be obtained by contacting the respectable party through Public Works at 510-675-5308.

G. Procedure.

1. Pesticide Prevention.

a. Reduce or minimize pesticide use on City properties to ensure the City maintains compliance with National Pollutant Discharge Elimination System (NPDES) permit requirements.

b. The City of Union City shall instruct all employees to implement Good Housekeeping Practices in their

workstations, vehicles, break rooms, etc., to prevent the conditions that provide a food source and habitat which attract unwanted pests.

c. The City of Union City shall utilize practices that reduce pesticides and result in the purchase of fewer products whenever practicable and cost-effective, but without reducing safety or workplace quality.

## 2. Pest Control and Management.

a. The City of Union City's pest applicator staff, and contractors or individuals (QAL, QAC, SPCO) providing pest control services on City property (applicators) shall utilize accepted best management practices (BMPs) to the maximum extent practicable for the control or management of pests in and around City buildings and facilities, rights-of-way, and other City properties.

b. All pesticide applicators will use the most current accepted controls in IPM technology to ensure the long-term prevention or suppression of pest problems and minimize impacts to environment and health risk.

c. Applicators will consider the options or alternatives listed below in the following order, before recommending the use of or applying any pesticide on City property:

- i. No controls (e.g., tolerating the pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds);
- ii. Use physical controls such as hand weeding, traps, sheet mulching and barriers;
- iii. Cultural controls (e.g., mulching, alternative vegetation), good housekeeping (e.g., cleaning desk area);
- iv. Mechanical controls (e.g., disking, line trimming and flail mowing);
- v. Biological controls (e.g., natural enemies or predators);
- vi. Reduced-risk chemical controls (e.g., soaps or oils);
- vii. Other chemical controls.

## 3. Pesticide Application.

a. Only City of Union City employees or appropriate licensed contractors employed by the City authorized, trained, and holds certification in pesticide application may apply pesticides to or within City property.

b. City of Union City employees are not to apply privately purchased pesticides.

c. Applicators will select and apply effective IPM methods that will have the least impact on water quality, human health and the environment.

d. Employees shall be notified prior to pesticide application, particularly when pesticide application occurs within a building.

e. New contracts that are entered into with pest management contractors and other appropriately licensed contractors employed to provide services that involve pesticide application at City properties will include requirements that the contractors follow the requirements of the City's IPM policy and implement the most current IPM technologies and best management practices.

## 4. Restricted Chemicals.

a. City of Union City employees and/or contractors employed by the City who are trained to recommend or apply pesticides will not use or promote the use of: Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA), Organophosphate pesticides (e.g., those containing Diazinon and chlorpyrifos) or copper-based pesticides unless:

- i. Their use is judicious;
- ii. Other approaches, alternatives, and techniques have been carefully considered; and
- iii. Adverse water quality impacts are minimized to the maximum extent practicable.

- b. Pesticides that are not registered under Federal and California law for aquatic use will not be used if pesticide directly contacts water or area of use is adjacent to water bodies where pesticide can be possibly transported into surface water.
  - c. Discharges of pollutants from the use of aquatic pesticides to the waters of the United States require coverage under a NPDES permit. Those City employees or appropriately licensed contractors employed by the City who apply pesticides directly to waters of the United States will obtain a NPDES permit from the California State Water Quality Resources Control Board Region 2, prior to making any pesticide applications.
5. Best Management Practices (BMPs). This section includes BMPs and control measures to protect water quality during the use of pesticides, when it is determined through an IPM process that pesticides must be used.
- a. Follow all Federal, State, and local laws and regulations governing the use, storage, and disposal of pesticides and training of pest control advisors and applicators.
  - b. Use the least toxic pesticides that will do the job, provided there is a choice. The agency will take into consideration the LD50, overall risk to the applicator, and impact to the environment (chronic and acute effects).
  - c. Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging pesticides in stormwater runoff. Avoid application of pesticides if rain is expected (this does not apply to the use of pre-emergent herbicide applications when required by the label for optimal results).
  - d. Employ techniques to minimize off-target application (i.e., spray drift) of pesticides, including consideration of alternative application techniques. For example, when spraying is required, increase drop size, lower application pressure, use surfactants and adjuvants, use wick application, etc.
  - e. Apply pesticides only when wind speeds are low.
  - f. Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
  - g. Do not mix or load pesticides in application equipment adjacent to a storm drain inlet, culvert, or watercourse.
  - h. Irrigate slowly to prevent runoff, and do not over-water. (Ord. 763-11 § 2, 2011; Ord. 318-89 (part), 1989)

## **ATTACHMENT 7**

**C.11.a.i**

**Recycling Program Report(s)**

**CITY OF UNION CITY  
RECYCLING PROGRAM  
ANNUAL REPORT  
2011**

**SINGLE FAMILY**

**MULTI-FAMILY**

	<b>Lbs.</b>	<b>Tons</b>		
Aluminum	26,721	13.36	3,019	1.96
Mixed Glass	812,121	406.06	49,483	24.74
Plastics #1 (PETE)	270,706	135.35	6,743	3.37
Plastics #2-7 (HDPE)	487,970	243.99	9,213	4.61
Bi Metal (Tin/Steel)	243,984	121.99	3,386	1.69
Mixed Paper	8,883,368	4441.68	219,752	109.88
Residual	893,449	446.72	13,484	6.74
<b>TOTAL RECYCLABLES:</b>	<b>11,618,319</b>	<b>5,809.16</b>	<b>305,080</b>	<b>152.99</b>
<b>TOTAL YARD WASTE:</b>	<b>15,184,740</b>	<b>7,592.37</b>	<b>880,420</b>	<b>440.21</b>
<b>TOTAL MATERIALS COLLECTED:</b>				

<b>TOTAL COLLECTED (Single &amp; MF):</b>	<b>27,081,626 Lbs.</b>	<b>13,541 Tons</b>
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(Total does not include Residual, Used Oil, Oil Filter Bags and Batteries)

<b>USED MOTOR OIL (Gallon)</b>	<b>4,605</b>
<b>OIL FILTER BAGS</b>	<b>1,477</b>

Note: Battery collection weights are recorded and weighed per shipment not by month.  
Annual report includes weights from shipments \_\_\_\_\_

<b>BATTERY COLLECTION</b>	
DEC 10 - APR 11	2,786
MAY 11 - AUG 11	1,891
SEP 11 - NOV 11	2,120
<b>TOTAL:</b>	<b>6,797 lbs - 3.40 tons</b>

**CITY OF UNION CITY  
SINGLE FAMILY RECYCLING PROGRAM  
FIRST QUARTER REPORT  
2012**

	<b>JANUARY</b>		<b>FEBRUARY</b>		<b>MARCH</b>	
	<b>Lbs.</b>	<b>Tons</b>	<b>Lbs.</b>	<b>Tons</b>	<b>Lbs.</b>	<b>Tons</b>
Aluminum	2,251	1.13	2,016	1.01	2,114	1.06
Mixed Glass	68,404	34.20	61,263	30.63	64,239	32.12
Plastics #1 (PETE)	22,801	11.40	20,421	10.21	21,413	10.71
Plastics #2-7 (HDPE)	41,101	20.55	36,810	18.41	38,599	19.30
Bil Metal (Tin/Steel)	20,551	10.28	18,405	9.20	19,299	9.65
Mixed Paper	748,238	374.12	670,127	335.06	702,683	351.34
Residual	75,254	37.63	67,398	33.70	70,673	35.34
<b>TOTAL RECYCLABLES:</b>	<b>978,600</b>	<b>489.30</b>	<b>876,440</b>	<b>438.22</b>	<b>919,020</b>	<b>459.51</b>
<b>TOTAL YARD WASTE:</b>	<b>996,960</b>	<b>498.48</b>	<b>986,420</b>	<b>493.21</b>	<b>1,094,240</b>	<b>547.12</b>
<b>TOTAL MATERIALS COLLECTED:</b>	<b>1,975,560</b>	<b>987.78</b>	<b>1,862,860</b>	<b>931.43</b>	<b>2,013,260</b>	<b>1,006.63</b>
<b>BATTERY COLLECTION:</b>	DEC 2011 - MAR 2012		2,127 LBS	1.06 TONS		
<b>USED MOTOR OIL (Gallon)</b>		333		361		333
<b>FILTER BAGS</b>		106		94		110