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UNION CITY, CALIFORNIA 94587  
T 510.675.5305 F 510.489.9468

September 15, 2014

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 2013-2014  
NPDES Permit No. CAS612008

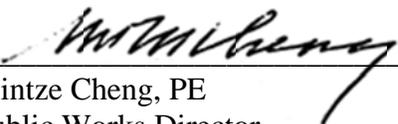
Dear Mr. Wolfe,

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



MEMBER AGENCIES:

Alameda  
Albany  
Berkeley  
Dublin  
Emeryville  
Fremont  
Hayward  
Livermore  
Newark  
Oakland  
Piedmont  
Pleasanton  
San Leandro  
Union City  
County of Alameda  
Alameda County Flood  
Control and Water  
Conservation District  
Zone 7 Water Agency

CITY OF UNION CITY

FISCAL YEAR

2013-2014

ANNUAL REPORT OF  
STORMWATER PROGRAM  
IMPLEMENTATION

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

September 15, 2014

**ATTACHMENT B**

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- Attachment 1: C.4.b.iii.(1) – Potential Facilities List (FY 2014-15)
- Attachment 2: C.4.b.iii.(2) – List of Facilities Scheduled for Inspection (FY 2014-15)
- Attachment 3: C.5.f.iii.(4) – 2013-14 Stormwater Complaint Discharge Tracking
- Attachment 4: C.7 – Citizen Involvement Efforts
- Attachment 5: C.10 – Full Trash Capture Map
- Attachment 6: C.10 – Trash Management Areas Map
- Attachment 7: C.10.d – Additional Trash Reduction Details

Section 1 – Permittee Information

Background Information			
<b>Permittee Name:</b>	City of Union City		
<b>Population:</b>	72,528*		
<b>NPDES Permit No.:</b>	CAS612008		
<b>Order Number:</b>	R2-2009-0074R		
<b>Reporting Time Period (month/year):</b>	July 2013 through June 2014		
<b>Name of the Responsible Authority:</b>	Mintze Cheng	<b>Title:</b>	Public Works Director
<b>Mailing Address:</b>	34009 Alvarado-Niles Road		
<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>	<a href="mailto:mintzec@ci.union-city.ca.us">mintzec@ci.union-city.ca.us</a>		
<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 Road		
<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 –US Census Bureau -2013 estimate

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

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary: See Section C.2 - Municipal Operations - of the Alameda Countywide Clean Water Program's (ACCWP) FY 13-14 Annual Report for a summary of Program activities.

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 FY13/14 Annual Report Program highlights for specific information. In addition, the City conducted the following Community Outreach programs: a presentation on Public Works Day at Searles Elementary School, a Clean Water and Recycle Used Oil booth at "Let's Go Green Together" Earth Day event, distribution of Clean Water outreach handouts, and added Clean Water advertisements to all 18 City of Union City Transit buses. The City also participated in California Coastal Cleanup Day and Earth Day "Creek Care". 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 a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

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

Comments:

All street repair companies contracted by the City are required to submit a Storm Water Pollution Prevention Plan and protect storm drains. Catch basins are protected and verified before start of work on any project which may produce debris on streets. City staff also attended the Street and Road Maintenance BMP Workshop on October 29, 2013.

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

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

Y	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

City staff takes great care to prevent localized washouts from reaching storm drains.

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

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

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

Comments:

Streets Department crews paints over (versus pressure washing) all graffiti found on City right-of-ways and therefore does not generate any discharges for those activities.

**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.**

Complete the following table for dry weather DO monitoring and inspection data for pump stations<sup>1</sup> (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
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

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 refer to Alameda County's annual report.

Summary:

All 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.

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

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

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

<sup>2</sup> Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

**C.2.f. ► Corporation Yard BMP Implementation**

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

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

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

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

Comments:  
None

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

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Union City Maintenance Facility	3/5/14	All inspection items are in compliance	None
Union City Maintenance Facility	6/3/14	All inspection items are in compliance	None

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

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

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

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

Summary: The C.3 New Development and Redevelopment section of the Countywide program’s FY 13-14 Annual Report includes a description of activities conducted at the countywide or regional level.

The Decoto Green Street Project (C St. from 5<sup>th</sup> to 9<sup>th</sup> St.) is to be Union City’s first pilot Green Streets project. The effort to build this project continues. The second community outreach meeting took place on Dec. 11, 2013 at the 65% design stage to further introduce the project to the impacted community and seek their input. Subsequently, the project PS&E were finalized and made available for bidding in June 2014.

Due to the lack of interest in the project, the project bidding period was extended by 2 weeks with the bids opening on July 24, 2014. Only two bids were received with the low bid being at least 40% higher than the engineer’s estimate. City Council rejected all bids and directed staff to revise the design to meet budget constraints. City staff met with its design team to discuss the possible reasons for the high bid and to explore options to reduce construction cost prior to rebidding the project within 2014 calendar year to meet Prop 84 grant deadline. Staff attributes the high bids to several factors such as the busy construction season that is enticing contractors to choose the straight forward projects rather than the more complex projects such as this which involves lots of subcontractors, utility work and coordination. Other factors were the extensive concrete work and relatively few contractors having the expertise and experience on green street projects. It is hoped that a redesign and shifting the construction period outside the traditional summer construction period will result in more competition and better bids.

It is hoped that the redesign and the lessons learned from the pilot project will be useful in constructing the two other green streets projects noted below for which the City has received grants.

South Decoto Green Streets Project – This project, for which the City received a \$3 Million in Prop 84 Storm Water Grant Program from the State Water Resources Control Board to implement green infrastructure, is currently under design. The first community outreach meeting to introduce this much larger project (8 blocks) to the impacted community and seek their input was held at the adjacent Searles Elementary School on April 23, 2014.

H St.- Green Street Improvements Project – The City also received another \$3 Million in Prop 84 Storm Water Grant funds to install green infrastructure along 10 contiguous blocks along an arterial (H St. between 4<sup>th</sup> to 12<sup>th</sup> Streets) in the Decoto District. On June 10, 2014, the City Council authorized the City Manager to enter into a funding agreement with the State, which is currently pending execution.

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

The following projects were approved in FY2013-14:

1. WestCore – 1550 Pacific Street
2. AutoZone – 34575 Alvarado-Niles Road
3. \*Coast Tropical – 2975 Volpey Way  
 \*(The application for this project was approved within FY2013-14 and final approval granted in FY14-15. It is included here for easy reference and may be reported again in FY 14-15)

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

*(For FY 11-12 Annual Report and each Annual Report thereafter)*

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

	<b>Yes</b>	X	<b>No</b>
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**C.3.e.vi ► Special Projects Reporting**

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)?

	<b>Yes</b>	X	<b>No</b>
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2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.

	<b>Yes</b>	X	<b>No</b>
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**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.

**(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 Stormwater treatment systems O&M verification inspection program continues to be inspected on a bi-annual basis. City staff inspects privately owned treatment devices and sends notifications to property owner(s) to clean and maintain treatment device units as needed. Private owners are also reminded to send to the City the Stormwater Treatment Inspection reports under their respective O&M agreements.

**(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:  
 We feel that the O&M program is quite effective since it ensures that the Stormwater treatment systems are inspected on a regular basis and cleaned when necessary. Under this program, Stormwater treatment systems are inspected and reports are generated for the City and private owners to comply with the O&M Program. For privately-owned Stormwater treatment units, initial inspections are performed by City staffs who reports his findings to the Engineering Department.

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

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	X	Yes		No		<b>Not applicable. No new facilities were installed.</b>
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? <sup>3</sup>	X	Yes		No		<b>Not applicable. No treatment measures</b>
• Inspect at least 20 percent of the total number of installed vault-based systems?	X	Yes		No		<b>Not applicable. No vault systems.</b>

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

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

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

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

In addition, as a condition of approval, we specifically require applicants to direct runoff to vegetated areas and /or unpaved pervious areas and to any dry wells to maximize infiltration of storm water prior to discharging it to the paved public areas or to the storm drain system.

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

**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>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre- Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
WestCore	1550 Pacific St. (intersection w/ Central Ave)	Market One Builders	NA	Demo ex. building and build 4 new mixed use/warehouse buildings	Alameda Creek	14.64	14.64	143,274	487,306	487,306	630,580
AutoZone	34575 Alvarado-Niles Road (just E. of Decoto/ANR intx.)	Stantec	NA	New auto parts store on vacant lot	Alameda Creek	0.5	0.5	13,240	4,794	6,094	18,034
*Coast Tropical	2975 Volpey Way	Big-D Pacific Builders	NA	New warehouse on vacant lot	Alameda Creek	4.78	4.76	196,059	0	0	196,059
<b>Public Projects</b>											
None											

<sup>10</sup> Include cross streets

<sup>11</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>12</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>13</sup> State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

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

<sup>16</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>17</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 (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<b>Private Projects</b>										
WestCore	12/17/13	5/27/14	SD Stenciling, appropriate irrigation & LS, roof over refuse areas, connect to sanitary, all discharges into veg. areas.	Direct roof drains, sidewalks, parking lots onto vegetated areas	Bio-treatment areas	O&M agreement with private landowner(s)	C.3.d.i. (2c)-4% rule	NA	NA	Detention basins
AutoZone	11/15/13	1/28/14	SD Stenciling, appropriate irrigation & LS, roof over refuse areas, connect to sanitary, all discharges into veg. areas.	Direct roof drains, sidewalks, parking lots onto vegetated areas; micro detention areas	Bio-treatment areas	O&M agreement with private landowner	C.3.d.i. (2c)-4% rule	NA	NA	NA since < 1acre

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

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

<sup>20</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>21</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>22</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>23</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>24</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>25</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>26</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>27</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>28</sup> If HM control is not required, state why not.

<sup>29</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 (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
Coast Tropical*	6/16/14	8/12/14	SD Stenciling, floor drains to Sanitary S, appropriate irrigation & LS, roof over refuse areas, connect to sanitary, all discharges into veg. areas.	Direct roof drains, sidewalks, parking lots onto vegetated areas; self-treating & self-retaining areas	Bio-retention areas	O&M agreement with private landowner	C.3.d.i. (2c)-4% rule	NA	NA	NA since site is located in 'gray' area of the HMP Susceptibility Map (tidally influenced area)
Comments: *(Note: The application for this project was deemed complete in the reporting period but final approval date falls in FY 2014-15. This project is included for easy ref. and may again be reported on next FY, if required. )										

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

Project Name Project No.	Approval Date <sup>30</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>31</sup>	Site Design Measures <sup>32</sup>	Treatment Systems Approved <sup>33</sup>	Operation & Maintenance Responsibility Mechanism <sup>34</sup>	Hydraulic Sizing Criteria <sup>35</sup>	Alternative Compliance Measures <sup>36/37</sup>	Alternative Certification <sup>38</sup>	HM Controls <sup>39/40</sup>
<b>Public Projects</b>										
None										
Comments: There were no public projects approved during the FY.										

<sup>30</sup> For public projects, enter the plans and specifications approval date.

<sup>31</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>32</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>33</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>34</sup> List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>35</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>36</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>37</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>38</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>39</sup> If HM control is not required, state why not.

<sup>40</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. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Pacific Pointe – Tract 7405	1169 Platinum	NO	City	10/7/13	Scheduled	UTD – CDS 3030	1 in. sludge; Plastic, foam.	None	Cleaned
11 <sup>th</sup> Street Extension	11 <sup>th</sup> St/Aquamarine	NO	City	10/7/13	Scheduled	UTD – CDS 4030	3 in. sludge; Plastic, leaves	None	Cleaned
Ivywood – Subdivision 7369	32108 Condor Dr.	NO	City	10/7/13	Scheduled	UTD – CDS 2020	9 in. sludge; Plastic, foam, trash	None	Cleaned
UC Sports Center	31224 Union City Blvd.	NO	City	10/7/13	Scheduled	UTD – Stormceptor 450i	Leaves.	None	Cleaned
Talavera – Tract 7601	32811 Orick St	NO	City	10/7/13	Scheduled	UTD – CDS 4040	6 in. sludge; Leaves, foam cups	None	Cleaned
Tract 7393	34199 Governo Dr.	NO	City	10/7/13	Scheduled	UTD – CDS 2020	12 in. sludge; Plastic, foam cups, trash	None	Cleaned
UC Fire Station #33 (was FS#3)	22942 Seventh St	NO	City	10/7/13	Scheduled	UTD – CDS MFS Model 72MH	0.5 in sludge	None	Inspected
Sea Breeze Park	Del Monte Court/Carmel Way	NO	City	10/14/13	Scheduled	Pond	No issues. Clean.	None	Inspected
Line M Detention Basin	35902 Green St	NO	City	10/14/13	Scheduled	Dry Pond	No issues. Clean.	None	Inspected
Intersection near Mid-Pen	11 <sup>th</sup> St/Cheeves Way	NO	City	10/7/13	Scheduled	UTD – CDS 4030	4 in. sludge; plastic, bags, foam	None	Cleaned
East Plaza & Transit Loop Road	11 <sup>th</sup> St. (East of Decoto Rd)	YES	City	10/14/13	scheduled	Bio-retention facility	Trash	None	Cleaned

<sup>41</sup> Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year.

<sup>42</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

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

<sup>44</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>45</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>46</sup> State the enforcement action(s) taken, if any.

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Promenade & Playground	11 <sup>th</sup> St. (East of Decoto	NO	City	10/14/13	scheduled	Bio-retention facility	Trash	None	Cleaned
Acacia Creek	34400 Mission Blvd	NO	Private/Masonic Homes	10/14/13	Scheduled	UTD – CDS Media Filtration	Vegetation to be removed	None	Inspected
1424 Union Square	1424 Mission Blvd	NO	Private/Avalon Bay	10/14/13	Scheduled	UTD – CDS Vegetated Swales	No issues. Clean.	None	Inspected
99 Ranch Market	2931 Faber St	NO	Private/Welcome Market	10/14/13	Scheduled	UTD – Hydro international Up-Flo Filter	No issues. Clean.	None	None
Mid-Pen Housing	34800/34888 11 <sup>th</sup> St.	NO	Private/Mid-Pen Housing Coalition	8/13/13	Scheduled	UTD – StormTech SC - 740	3" sediment within limit. Removed floatable debris.	None	Inspected
Mid-Pen Housing	34800/34888 11 <sup>th</sup> St.	NO	Private/Mid-Pen Housing Coalition	10/14/13	Scheduled	Bio-retention swale	Properly maintained	None	Inspected
TOD Infrastructure Improvements	Cheeves Way at Decoto Road (Cheeves Way, Galliano Way and Berger Way)	NO	City	10/14/14	Scheduled	Bio-retention swale	Bioswale plants appear ill	Brought to city staff's attention	City staff is now aware of the dying plants. Measures will be taken to restore the plants.
UCB Corridor Improvements	Portion of UCB between Smith St. and 700 ' south of Alvarado Blvd.	NO	City	10/14/14	Scheduled	Bio-retention system	No issues. Clean.	None	Inspected
GCM	33233 Central Ave.	NO	Private/MKM Central, LLC	10/14/13	Follow-up	Bio-retention	Clean	None	Inspected
Southern Wine & Spirits (SW&S)	1555 Atlantic St. (@ Dowe Ave.)	YES	SW&S	45-day	Post construction	Bio-retention system	Proper Installation	None	Continue follow-up inspections in the future to ensure proper maintenance

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2013												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>47</sup>	Status <sup>48</sup>	Description <sup>49</sup>	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category <sup>50</sup>	LID Treatment Reduction Credit Available <sup>51</sup>	List of LID Stormwater Treatment Systems <sup>52</sup>	List of Non-LID Stormwater Treatment Systems <sup>53</sup>
<b>N/A – No Special Projects permitted this Fiscal Year</b>												

<sup>47</sup> Date that a planning application for the Special Project was submitted.

<sup>48</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>49</sup> Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>50</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>51</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>52</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>53</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.

See Section C.4 – Industrial and Commercial Site Control – of the ACCWP FY 13-14 Annual Report for a summary of Program activities.

During the 2013/2014 fiscal year, Union City continued to focus on conducting food facility inspections, building upon the efforts of the previous fiscal year. In 2012/2013, we worked with our sanitary sewer provider, Union Sanitary District (USD), to develop a current list of food service facilities, and added them to our list of facilities that have the potential to cause or contribute to stormwater runoff pollution. With only one full-time facility inspector, who has other duties in addition to the Clean Water Program, we found it difficult to meet our goal of inspecting all new facilities during the year. We are pursuing other options to expand our inspection capability, such as hiring an experienced inspector to supplement our staff, probably on a part-time basis. The City is committed to meeting its responsibilities in the commercial and industrial facility inspection program, and our goal is to inspect all food service facilities by the end of FY 2015/2016.

We conducted 122 inspections at 112 businesses, including at least 29 restaurants that were inspected for the first time. After establishing a baseline measurement of the potential and actual discharge capacities of the food service facilities, we plan to develop Union City-specific guidance documents for this industry, including BMP materials in languages other than English. We will continue to work with the Countywide Clean Water Program's Industrial and Illicit Discharge subcommittee (I&IDC) in this process.

All of the known Notice of Intent (NOI) sites were inspected during the 2013/2014 period. We referred one or two facilities directly to the Regional Board and provided guidance to the facility operators in another several cases. We found that some sites may be eligible for the No Exposure certification and advised those facilities of their options under the permit, as well as providing Regional Board contact information. We expect to increase the number of NOI sites in FY 2014/2015 as our inspector visits businesses for initial inspections.

We continue to receive referrals from the USD staff on both industrial and commercial concerns, pretreatment issue and illicit discharges. We are encouraged by this collaboration and expect this to increase the number of recorded discharges identified and abated in the future. During our inspections we are emphasizing the need to avoid soap and to pump out more frequently to avoid overflows of grease collectors.

The City's Developmental Review Committee, which meets weekly to streamline the submission and review of new development and construction projects, and the realistic analysis of how commercial and industrial businesses contribute to stormwater pollution, and we now collaborate with USD early in the development process; stormwater issues are a significant focus of these meetings.

We continue to work more closely with the Alameda County Health Department to improve housekeeping practices at food facilities; we are distributing the health department guidance letter on proper grease handling and using their automated referral system to report conditions that represent a potential health hazard. The health department staff has been very responsive and we expect that the relationships established at the staff level will continue to result in more complaint referrals and closer cooperation in abatement and enforcement.

Because several sister-agencies, notably the Contra Costa Clean Water Program, have found that horse boarding facilities represent a discharge hazard by improperly managing manure and discharging directly to surface waters, we plan to conduct initial inspections of the three known sites within Union City during the 2014/2015 period. These sites have not previously been a focus of clean water outreach in Union City.

Working with the Union City Leisure Services Department, we have identified private and commercial swimming pools in the jurisdiction, and our goal is to inspect about half of these in the 2014/2015 reporting period. We are continuing to develop policies and BMP guidance on plastic nurdles and galvanized metals through the Industrial and Illicit Discharge subcommittee. We continue to update the Master Facilities List to remove duplicate entries and closed facilities. This is an ongoing effort that we expect to complete by the end of the 2014/2015 reporting period.

Union City Clean Water Program staff attended and actively participated in all three of the I&IDC meetings held during FY 2013/2014. A primary focus of the I&IDC subcommittee this year was on developing and improving BMP outreach materials on carpet cleaning, mobile businesses and pools and spas, which is largely completed. Effective follow-up was identified as a training priority for future training.

All Public Works and Environmental Programs field staff participated in the ACCWP training for stormwater inspectors in November 2013. The annual training event is scheduled again for the Fall of 2014.

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

Do you have a Business Inspection Plan?  **Yes**  **No**

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

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

See **Attachment C.4.b.iii.(1) – Potential Facilities List (FY 2014-15)** for the updated list of industrial and commercial facilities reasonably considered to cause or contribute to stormwater runoff pollution.

**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) – List of Facilities Scheduled for Inspection (FY 2014-15)** for the list of facilities scheduled for inspection during the 2014-2015 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	112	
Total number of inspections conducted	122	
Number of violations (excluding verbal warnings)	9	
Sites inspected in violation	9	7
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	7	78

Comments:

Wherever possible we try to conduct clean water inspections at the same time that we inspect for other activities, such as the CUPA hazardous materials and hazardous waste programs. During the 2013-2014 fiscal year, our CUPA/Clean Water inspector reduced the total number of facility inspections in order to assist businesses with the implementation of the new California Environmental Reporting System (CERS), which requires businesses to report CUPA information electronically instead of providing paper submittals. This task has proven to be difficult and time-consuming, and all inspection and enforcement activities were subsequently reduced from typical years. We expect that this burden will continue into the current fiscal year, though with the negative impact on field inspections continuously reducing over time. We expect Clean Water inspections to increase in the second half of the 2014/2015 fiscal year, and be back to normal by July 2015.

The result for the 'Sites inspected in violation' field is derived from the total number of businesses inspected and found to have at least one violation (9) divided by the total number of businesses inspected (122), resulting in a rate of 7%.

For the two sites with violations that were deemed to have been not resolved in a timely manner, Super Mercado Guadalajara and Home Depot, an explanation follows:

- Super Mercado Guadalajara, 33909 10<sup>th</sup> Street – we identified a number of problems with this facility, such as food waste in the street, washing of cooking containers and excessive, uncontrolled waste storage. We made several visits to assist with BMPs and also referred it to the Health Department. We made good progress in the first 10 days after the inspection, and the food waste and container washing issues were satisfactorily resolved in a timely manner; however, other clean water issues were not resolved before the owner completed the sale of the business a few weeks later. We formally re-inspected with the new owners 30 days after the initial inspection and found conditions greatly improved, and back in full compliance.

Home Depot #635, 30065 Industrial Parkway – this facility was found to have several clean water issues associated with the area behind the building: bits of wood from pallet storage and loose building materials such as sand, plaster, and concrete powder on the pavement and in the storm drain catch basin, and soil piled at the fence line and spilling over the property line into Flood Control District property. We consider Home Depot staff to have done an excellent job of abating these conditions, and we confirmed by re-inspection that clean-up was satisfactory. In fact, the Home Depot staff did an excellent job, going above and beyond what we directed them to do for abatement, but it took them 18 days including at least one rain event (it was discovered that the soil along the fence line was likely a result of illegal dumping and actions of former

employees that had been in place for some years, so the level of effort was significantly more than would be required for an incidental discharge issue). We monitored progress over that time and have subsequently confirmed that site conditions remain in compliance with clean water requirements.

**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)	6
Potential discharge and other	3
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>48</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>49</sup>
Level 1	Verbal Warning/Warning Notice/Education	2	22
Level 2	Notice of Violation	7	78
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>		9	

**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>50</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Notice of Intent (NOI) Filers	0	1*
Community/Commercial Pools	0	0

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

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

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

Pretreatment Permitted Facilities	1	0
Vehicle Service Facilities	0	0
Food Service Facilities	3	0
Horse Boarding Facilities	0	0
Retail Gas Outlets	0	0
Warehouse and Distribution Facilities	1	0
Manufacturing Facilities	1	0
Cement and Asphalt Batch Plants	0	0
Corporation Yards	0	1*
Commercial Retail Facilities	0	2
*NOTE: the potential discharge recorded at New Haven Unified School District Corporation Yard is reported under both NOI and Corporation Yard.		

**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:

The following facilities were identified during inspections this fiscal year as non-filers potentially requiring a General Permit:

- GCM Corporation, 33233 Central Avenue, Union City, CA 94587
- PTR Manufacturing, 33390 Transit Avenue, Union City, CA 94587

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

<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>
ACCWP Stormwater Business Inspectors Workshop: Enforcement Tools	November 14, 2013	<ul style="list-style-type: none"> <li>• Using the Enforcement Response Plan</li> <li>• Enforcement Case Scenarios</li> <li>• BMPs for Businesses</li> <li>• Controlling Pre-production Plastics</li> </ul>	5	100%

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

**Program Highlights**

Provide background information, highlights, trends, etc.

See Section C.5 – Illicit Discharge Detection and Elimination – of the ACCWP FY 13-14 Annual Report for a summary of Program activities.

Union City’s illicit discharge complaint and response program is administered by the Public Works Department with support from the Environmental Programs Division of the Economic and Community Development Department. Most referrals from the public are called-in to the Public Works main telephone line and addressed by Public Works staff. Some referrals from outside agencies, notably from the Union Sanitary District, are received by the Environmental Programs staff. If the suspected responsible party is a commercial or industrial business, then Environmental Programs takes the lead on investigation, abatement and enforcement. If the issue involves a public right-of-way, then Public Works staff takes the lead role. After-hours calls to the Police Department that appear to involve stormwater violations are dispatched to the On-Call Public Works Duty Officer, a position rotated between several senior Public Works supervisors and staffed 24/7. Environmental Programs staff is also available after normal working hours for stormwater complaints and emergency response. We receive some complaints and referrals through our website and email address, [environmental@unioncity.org](mailto:environmental@unioncity.org).

We find that a significant number of discharges found on the streets, but not entering storm drains (such as paint spills and fluids from leaking vehicles) were identified and abated by City crews without formal reporting. With increased training of field staff, we anticipate that the number of reported and abated discharges will rise in future reporting periods. It is anticipated that at least two additional Public Works supervisors will attend the 2014 industrial and illicit discharge inspector training offered by the Countywide program in the Fall of 2014, bringing the number of trained Union City clean water responders from 5 to 7.

Union City Public Works management places a high priority on the Clean Water Program. The City’s vacuum trucks are deployed for even very small releases, such as a case of household food dumped into storm drains. We actively utilize the door hanger we developed last reporting period, for use where a responsible party cannot be identified. We used this in a number of cases of unidentified residential discharges during this reporting period which resulted in responsible parties being identified or self-reporting. Follow-up outreach and dissemination of BMP literature occurred in both cases.

We determined through these investigations that the ethnic make-up of Union City’s residents may be contributing specifically to the dumping of food wastes and grease to the storm drain system. Recent immigrants may be unaware of the difference between the sanitary sewer system and the storm drain system. In the coming year we plan to target residential communities with culturally and language-specific Clean Water reference materials.

As we revise and update our General Plan over the coming year, we are focusing more than ever on water quality and requirements we believe will reduce and ultimately eliminate sources of pollution. Public Works has a standard condition of approval for new development projects that requires certain actions to minimize runoff of metals and salts, including prohibition of untreated copper and lead materials in gutters, downspouts and roofing. We required modification of projects this year that had initially planned to use materials that we believed might pose runoff problems.

The City website was completely revamped this year, and due to circumstances beyond our control, some stormwater-related pages and links were not transferred to the new website. Both the Public Works and the Environmental Programs pages will be amended to again provide information to residents and businesses on Clean Water issues, with the links to BASMAA, CASQA, the Alameda Countywide Clean Water Program (ACCWP), Union Sanitary District and the Alameda County Water District restored.

The Public Works main telephone line is the primary route for reporting by the public and outside agencies. Environmental@unioncity.org is advertised as the preferred method of reporting by email, because emails to this address are received on mobile devices by multiple clean water inspectors on a 24/7 basis.

Union City staff from Public Works and Environmental Programs attended and actively participated in all three Alameda Countywide Clean Water program (ACCWP) IIDC meetings held in FY 2013/2014. City staff participated in a number of outreach events where educational materials were provided, including Earth Day and Make a Difference Day, and we were represented at the Alameda County Fair.

**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	To report possible spills, discharges, dumping or releases	(510) 675-5308
Environmental Programs main line	To report possible spills, discharges, dumping or releases	(510) 675-5360
Environmental Programs Manager, Andy Block	24/7 reporting of any environmental hazard	(510) 760-7099
Environmental Programs email address	24/7 reporting of possible spills, discharges, dumping or releases	environmental@unioncity.org
Police Department dispatch center	To report possible spills, discharges or releases (non-emergency)	(510) 675-5230
Police Department dispatch center	To report imminent threats to environment, health, safety (emergency)	9-1-1 or (510) 675-5257
Code enforcement reporting line	To report possible spills, discharges, dumping or releases	(510) 675-5315

**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.

See Section C.5 – Illicit Discharge Detection and Elimination – of the ACCWP FY 13-14 Annual Report for a summary of related Program and BASMAA activities.

We coordinate closely with the County Health Department and our neighboring jurisdictions when we identify a mobile business that may present

an actual or potential risk for illicit discharge. Through the ACCWP I&DC group, we share information and strategies for addressing these businesses, and contribute to the ongoing development of outreach materials on Best Management Practices.

Union City maintains its own fleet of street sweepers and surface cleaning equipment so we have not had a need to hire outside vendors from the BASMAA Mobile Surface Cleaners Program. Our Corporation Yard Public Works Superintendent, who oversees the fleet and the operators, has committed to using BASMAA certified surface cleaners as vendors in an emergency or any other situation where an outside surface cleaning contractor is required.

**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, we have installed a total of 151 trash capture devices in our catch basins and plan to continue installing more. 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. 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.

**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)

	<b>Number</b>	<b>Percentage</b>
Discharges reported (C.5.f.iii.(1))	26	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	17	65
Discharges resolved in a timely manner (C.5.f.iii.(3))	24	92

The Public Works Department and the Environmental Programs Division of the Economic and Community Development Department are the main recipients of spill and discharge complaints. We receive these primarily by phone, and frequently anonymously. We respond to all allegations that we receive. The Public Works field staff continues to represent a significant resource for identification of these incidents, as they proceed around the City on their normal operations and maintenance work. We are aware that many more incidents are identified and abated without reporting, than those that are reported; in the coming fiscal year we plan to develop guidance materials or conduct training for these staff members and their supervisors, so discharges found and cleaned-up by field crews in the field are nonetheless reported for recordkeeping.

The Fire and Police Departments also provides referrals for these discharges, such as vehicle fluids released from traffic accidents.

Public Works and Environmental Programs both maintain an on-call supervisor 24/7 to respond to after-hours spill and discharge events. These staff have authority to call-in outside contractors or city staff to abate hazards, and maintain email and telephone contact lists of staff, vendors and outside agencies for support.

All discharges reported in **Attachment C.5.f.iii.(4) – 2013-14 Stormwater Complaint Discharge Tracking** spreadsheet were substantiated.

Complaints alleging a discharge that could not be identified in the field were followed-up with the reporting party where contact information was available; if no discharge was identified, then the alleged discharge was not included in the tracking spreadsheet. Discharges that remained on private property and were deemed to not be a threat to water quality, including those prevented from reaching the storm drain system and receiving waters and properly cleaned-up, were not recorded.

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

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

See **Attachment C.5.f.iii.(4) – 2013-14 Stormwater Complaint Discharge Tracking** spreadsheet, for the details of the 2013/2014 illicit discharge complaints and responses.

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection)</b> (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 (include only High Priority Site and sites disturbing 1 acre or more)</b> (C.6.e.iii.1.c)
<b>0</b>	<b>2</b>	<b>17</b>
Comments: The total number of inspections conducted for the sites disturbing greater than or equal to 1 acre of area, are as follows: <ul style="list-style-type: none"> <li>- Southern Wine &amp; Spirits – 14</li> <li>- Hampton Inn – 3</li> </ul>		

<b>6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>51</sup> excluding Verbal Warnings</b>	<b>% of Total Violations<sup>52</sup></b>
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	0	0
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
<b>Total<sup>53</sup></b>		<b>100%</b>

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

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

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

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

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

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

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

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

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

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

<b>C.6.e.iii.1.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
<b>Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)</b>	0	0% <sup>57</sup>
<b>Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)</b>	0	0% <sup>58</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>59</sup></b>	0	0%
<b>Comments:</b> All violations notified with verbal notice were resolved within 10 days.		

<b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: Public Works inspectors are doing a better job of monitoring and keeping BMPs well maintained through contractors. Out of the 17 inspections performed on two private regulated sites during this reporting period, only four inspection reports indicated issuance of a verbal notice to bring the BMP up to the required standard.

<b>C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness</b>
Describe what appear to be your program’s strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: We believe we have made further improvements in institutionalizing and incorporating MRP related requirements in all construction projects, irrespective of the project size. Our inspectors keep an eye on all projects to ensure BMPs are installed correctly and maintained throughout the construction phase of all projects that could potentially have a detrimental effect on water quality. However, there continues to be a need to remind our inspectors to regularly complete the Inspection Checklists for regulated projects.

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

**C.6.f ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Stormwater C.6 Training	June 11, 2013	Overview of MRP Provision C.6 requirements, C.6 BMPs, inspection tools, Enforcement options and reporting.	2	100% of PW inspectors

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

**C.7.b.ii.1 ► Advertising Campaign**

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

Summary:

See Section C.7 – Public Information and Outreach – of the ACCWP FY 13-14 Annual Report and the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach for a summary of related Program and BASMAA activities.

In addition, creek cleanups and similar events are featured on the Union City website, Union City Patch and Tri-City Voice. Clean Water ads, which are funded by the Public Works Department, have also been placed inside all Union City Transit buses.

**C.7.b.iii.1 ► Pre-Campaign Survey**

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

Information on the pre-campaign surveys was included in previous annual reports.

Place an **X** in the appropriate box below: **N/A**

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

**C.7.b.iii.2 ► Post-Campaign Survey**

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:  
 Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report. Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal: <i>Regional Youth Litter Campaign report in the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach</i>

**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:

- Tree planting event in participation with Rising Sun Energy Center. Posted online on Union City's Facebook on June 30<sup>th</sup>.
- Green Streets project: outreach meeting at Searles Elementary school to educate people that Green Streets reduce water pollution, improve air quality, and increase street trees and planting. Posted on Union City's Facebook on April 16<sup>th</sup>.
- Publication of Make a Difference Day 2013. October 26<sup>th</sup> online on Union City Patch, Tri-City Voice, and Facebook.
- Shared Clean Water Program's County Photo on "Our Waterful World" online on Facebook. July 10<sup>th</sup>.

Please see the separate report developed by BASMAA summarizes media relations efforts conducted during FY 13-14: BASMAA FY 2013-2014 Regional Supplement for Training and Outreach. Other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of the ACCWP FY 13-14 Annual Report.

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

Summary of any changes made during FY 13-14:  
*No change.*

<b>C.7.e ► Public Outreach Events</b>		
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		
<b>Event Details</b>	<b>Description</b> (messages, audience)	<b>Evaluation of Effectiveness</b>
Stormwater Exhibit at the Alameda County Fair: June 18 – July 6, 2014. Setting up the exhibit and producing the outreach materials are Countywide Program efforts. Staffing the exhibit is an effort conducted by individual Permittees.	The County Fair is attended by a wide range of residents from throughout the County. The primary message of the exhibit and outreach materials is to encourage residents to reduce their use of pesticides or when necessary use less-toxic pesticides. The exhibit also illustrates the basic watershed awareness/stormwater pollution message.	Several hundred thousand residents attend the fair each year. A more detailed description of the exhibit is included in Section C.7 Public Information and Outreach of the Countywide Program's FY 13/14 Annual Report.
Make a Difference Day, Oct. 26, 2013 Union City, CA 94587	Local citizens of Union City consisting of various ethnic groups and ages. Make a Difference Day is national day of helping others to improve neighborhood for the better and creating a more sustainable and healthier environment in which to live in.	Make a Difference Day has always been a very successful event with at least 75 to 100 volunteers attending yearly. The number of projects ranges from four to five each year where the volunteers are helping with planting of drought tolerant plants which required less usage of water, preventing water erosion. Volunteers picked up debris such as plastic bottles/containers and bags to prevent them from entering into the creek. Volunteers also raked up dried leaves and trimmed off dead twigs and branches off of plants and shrubs to beautify as well as to make it a healthier habitat for the animals as well as people. 79 trees were planted.
Earth Day, April 26, 2014 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 attended approx. 2000 people, mainly of Fremont residents. Handout brochures on water pollution prevention, both in English and Spanish, funnels & shop rags with recycling drop off locations, activity work books and reusable bags containing informational pamphlets about water prevention methods.

**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:

- In the fiscal year, Public Works Grounds Department actively participated and collaborated with volunteers in various events to plant a total of over 670 trees and 200 native shrubs. Various events include Boy Scouts of America events, volunteers from James Logan High School, citizen involvement events, and more. In addition, a total of approximately 1038 lbs. of litter (not debris) is also removed just from these events. Please see **Attachment C.7 – Citizen Involvement Efforts** for a breakdown.
- 5,000 lbs of tall fescue grass seeds were spread by Grounds to thicken up lawns to pretreat storm waters and hold and absorb water back into the water table.
- See Public Outreach and Involvement section of the Alameda Countywide Clean water Program FY 13/14 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
Community Stewardship Program	The Countywide Program sponsors the Community Stewardship Grants (CSG) Program. The CSG Program provides approximately \$20,000 annually in \$1,000 to \$5,000 increments to individuals and community groups to support stormwater improvement/outreach projects throughout the County.	See the Countywide Program’s FY 13/14 Annual Report for a summary.
MLK Day	Replace DRIWATER for plants and creek clean-up by Royal Ann Drive.	Students from Logan High School and volunteers worked hard to replace all the DRIWATER™ for plants. DRIWATER is potable water in a gel form used for plant watering. This event helps educate the community of the importance of having drought tolerant plants and to keep the creek clean.

<b>C.7.h. ► School-Age Children Outreach</b>			
<b>Program Details</b>	<b>Focus &amp; Short Description</b>	<b>Number of Students/Teachers reached</b>	<b>Evaluation of Effectiveness</b>
Public Works Week, May 21, 2014 Searle Elementary School, Union City , CA 94587	Students grades K – 5 <sup>th</sup> . Handouts include: "No Dumping, Drains to the Bay", "Recycled Used Oil", "Use Less Toxic Products", "How to Prevent Water Pollution" and "The Bay Starts at Your Door".	Approx. 500-700 Students grades K – 5	Gave out reusable bags with handouts which included contact and drop off location of used oil, hazardous chemical waste, brochures on water pollution prevention, activity books with various activities teachers can practice with students, information on less/non-toxic products for getting rid of rodents, butts and insects.  Many students enjoyed learning about pollution prevention and the activities incorporated in the event.
See the Section C.7 of the ACCWP FY 13/14 Annual Report for a summary of the Program's School-Age Outreach Program			

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

**C.8 ► Water Quality Monitoring**

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

Summary:

During FY 13-14, we contributed through ACCWP 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. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. 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 13-14 Annual Report and the Integrated Monitoring Report.

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.

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. **Union City does not utilize organophosphates, pyrethroids, carbaryl, or fipronil. City staff utilized the following applicants FY 2013-14 and discontinued the use of other pesticides. Further pesticide usage reduction was possible by covering areas with mulch, pine needles, etc. and removing lawns to save water. The decreased usage of Fumitoxin is due to using trapping techniques to catch gophers rather than using killers.**

Trends in Quantities and Types of Pesticides Used <sup>60</sup>					
Pesticide Category and Specific Pesticide Used	Amount <sup>61</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
DISSMISS	-	-	-	-	2.88 ounces
EVADE 4FL	-	36.84 gallons	48.85 gallons	25.74 gallons	28.43 gallons
FUMITOXIN	-	192 grams	1920 grams	1643 grams	84 grams
KLEENUP PRO	-	-	-	24.95 gallons	41 gallons
RANGER PRO	249.62 gallons	490.9 gallons	585.36 gallons	382.42 ounces	54.896 gallons
ROUNDUP PRO	-	-	-	-	24.2 gallons
ROUNDUP PROMAX	-	-	-	-	237.8 gallons
SAFARI 20 SG	-	-	228 ounces	50 ounces	83 ounces

**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.	17
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	17
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%

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

<sup>61</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
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: No pesticide service providers were contracted in the reporting year.			

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 13-14, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. See the CASQA Pesticides Subcommittee Annual Report 2013-14: Preventing Urban Pesticide Pollution in Stormwater for a summary of CASQA activities.

C.9.f ▶ Interface with County Agricultural Commissioners			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of the ACCWP FY 13-14 Annual Report and the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach for information on point of purchase public outreach conducted countywide and regionally.

**C.9.h.vi ► Public Outreach: Pest Control Operators**

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 13-14 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use. City of Union City's Clean Water webpage consists of links and brochures related to insects and pests that encourage the use of less-toxic and natural controls.

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

- 1) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
  - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
  - Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
  - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
- 2) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

**Descriptions of Actions/Tasks (Conducted or Planned):**

The City has currently installed 147 trash capture devices (TCD) in our city-owned catch basins which surround our retail and commercial properties as well as a portion of our high density residential properties. We have also installed them in our corporation yard. In addition, the City has a total of 12 CDS units installed on both private and public properties. A total of the CDS units and Clean Screen Devices is provided in Table C.10.a.iii.3 - Minimum Trash Capture (List of Devices) in this report. It is estimated that these measures serve a combined area of 293 acres. In addition the City has 7 recently constructed developed sites that have incorporated Low Impact Development measures. These equate to an additional 40 acres of industrial and commercial properties. We are in the process of evaluating the best locations to install additional full capture devices (we estimate to install approximately 100 TCD units per year for the next four years ) These TCD's will be installed first in our highest trash generating areas and then to our median trash generating areas. Staff presented to the City Council the Long Term Trash Reduction Plan in January 2014, prior to submitting to the Waterboard. City Council concurred with staff 's approach including working with existing property owners of commercial and industrial properties to install TCD units within their private storm drain systems before their existing connection to the City's systems. In addition as parcels redevelop, the property owners will be required as a condition of approval to install TCD units within their onsite Storm drain conveyance systems prior to their connection with the City's systems.

**Descriptions of planned action/tasks:**

Union City Clean Water Program is informing private development owners that full capture devices will be required for compliance with the RWQCB requirements. These letters will inform owners that these TCDs will also need to be cleaned a minimum of twice per year. This applies mostly to catch basins and inlets that reside on private developments that are medium-level generating trash loads or higher, such as Union City Landing, various shopping centers, industrial areas, etc. We aim to increase our trash load reduction of 40% to 70% with the cooperation of businesses in Union City. Implementation will begin with the highest-level trash generating locations, such as Union Landing and high-density shopping centers. Upon successful completion, the same efforts will be targeted to smaller commercial developments, then industrial areas, schools, etc. A reasonable timeframe to expect compliance with the MRP for trash load reduction is two years.

*(Continued on next page)*

**Descriptions of Maintenance Activities:**

The City uses a vactor truck to clean each of the full capture clean screen devices a minimum of twice a year. The CDS units are inspected once per year prior to the start of the rainy season and cleaned before and after the rainy season. If there is any ponding occurring during a rain event, the City may need to clean the screen more often at these locations. To date we have not had this occur. The technician performing the cleaning fills out the report regarding the cleaning with notations about the approximate amount of debris removed and the predominant type of trash removed. These reports are then scanned and provided to the person who prepares the annual report for safe keeping. To date we have had no vandalism or failures of our CDS units or clean screen devices.

Please see **Attachment C.10 – Full Trash Capture Map** and **Attachment C.10 – Trash Management Areas Map** for locations of all full capture devices installed and their associated treatment areas, hotspots, etc. Please note in the map(s):

- CDS units and LID developments are not pinpointed on the map; however their treatment areas are visible.
- Not all hotspots are “Creek/Shoreline Hotspots”.

*(Continued on next page)*

C.10.a.iii ► Minimum Full Trash Capture (List of Devices)					
Provide a list of trash full capture devices installed by July 1, 2014 and the land area treated by each device or group of devices. <b>Please note that this table is approximate and subject to change with accuracy improvements. 'Total Number Installed' = 147 Full TCD + 12 CDS units +7 LID's</b>					
Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
1	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	22	16
1	Low Impact Development	Installed	Minimum 2x/year & as-needed	2	<u>3</u>
2	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	4	<u>4</u> <sup>62</sup>
3	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	26	15
3	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	2	6
3	Low Impact Development	Installed	Minimum 2x/year & as-needed	2	<u>2</u>
4	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	13	6
5	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	15	12
5	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	97
8	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	4	2
8	Low Impact Development	Installed	Minimum 2x/year & as-needed	3	<u>34</u>
9	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	11
11	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	3
12	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	1	2
14	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	2	1
15	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	60	34
15	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	7	85
<b>Totals</b>				<b>166</b>	<b>333</b>

<sup>62</sup> Includes approximately 2.35 acres in City of Hayward Trash Management Area #10. Note that these two in Hayward have since been removed.

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

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
Alvarado-Niles RD/Dyer ST	1x/week	NA	~2 CY 2x/yr	~1 CY 2x/yr	~1 CY each time	Plastics, papers, bottles, bags, food wrappers, cups	Fast food/shopping center
Hall Ranch Park/Dyer ST	1x/week	NA	~2 CY each time	~1 CY each time	~1 CY each time	Papers, bottles, bags, food wrappers, leaves, balls	Park use, school
Union Landing Shopping CTR	1x/week	NA	~2 CY each time	~1 CY each time	~1 CY each time	Food wrappers, papers, leaves, cups	Shopping center (movie theater, restaurants, cafes)
Union Square AVE	1x/week	NA	~2 CY each time	~1 CY each time	~1 CY each time	Leaves, bottles, cups, papers, food wrappers	BART station, high-density housing, fast food
Alvarado-Niles RD/Decoto ST	1x/week	NA	~2 CY each time	~1 CY each time	~1 CY each time	Leaves, bottles, papers, cups, plastic bags, food	Fast food/shopping center, gas station
Dyer ST/ Alvarado BLVD	1x/week	NA	NA	~1 CY each time	~1 CY each time	Bottles, papers, cups, leaves, food wrappers	Fast food/shopping center, restaurants, gas station

Note: 1 CY = 202 gallons; To be conservative, estimate each 55 gallon bag to contain 16.5 gallons of trash (33% full).  
 In previous years, trash collection was performed 2x per year. This year, cleanups were conducted 43 additional times.  
 Approximately 20 bags total of trash for all sites x 43 times/year = 860 bags;  
 = **70.25 CY** or **~14,190 gallons** of ground litter collected at hotspots citywide. Hotspots are being cleaned once per week on Mondays.  
 To be conservative, we estimate that only 30% of the trash collected may have ended up in the storm drain system. As such, we will only be claiming **4,257 gallons** of trash for **22% reduction**.

**C.10.c ► Long-Term Trash Load Reduction Plan**

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.

Description of Significant Revision	Associated TMA
No significant changes to our Long Term Trash Reduction Plan were made with the exception that coordination with local property owners will take slightly longer than was originally projected. We now estimate that installation of on-site TCD's at our high-trash generating areas will take three years rather than two to accomplish.	<b>1 through 4</b>

<b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
<b>Control Measure</b>	<b>Summary Description of Control Measure &amp; Dominant Trash Sources and Types</b>	<b>Assessment Method(s)</b>	<b>Summary of Assessment Results To-date</b>	<b>Estimated % Trash Reduced</b>
Single-use Plastic Bag Ordinance or Policy	The Alameda County Waste Management Authority adopted the Single-Use Bag Ban. As of January 1, 2013, all grocery stores, supermarkets, mini-marts, convenience stores, liquor stores, pharmacies, drug stores or other entities that sell milk, bread, soda and snack foods (all four items) and/or alcohol (Type 20 or 21 license) in Alameda County must comply with the Single-Use Bag Ban Ordinance. Affected stores may no longer provide customers with single-use bags at check-out. A copy of the Ordinance is available on the Alameda County Waste Management Authority's website: <a href="http://reusablebagsac.org/ordinancetext.html">http://reusablebagsac.org/ordinancetext.html</a>	See Section C.10 of the ACCWP FY 13-14 Annual Report.	See Section C.10 of the ACCWP FY 13-14 Annual Report.	4
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	In addition to the public outreach campaign sponsored by the Alameda Countywide Clean Water program, of which Union City is a member, Union City has installed Clean Water advertisement in every Union City Transit bus. A large percentage of the bus riders are high school and middle school students. The ads focus on only clean rain water down the storm drain (no trash). The City also has public outreach as specified in sections C7g and h of this report.	At our public outreach events, City staff has citizen participants answer questions regarding the clean water program before being allowed to play a game to win a prize (such as a reusable shopping bag). One such question is, "What is the only thing that should go down a storm drain? Answer : "Clean rain water."	The majority of the public that attend our outreach program know the correct answers to the clean water questions. Adults comment that their children are coming home from school and informing the family of the needs to keep our storm drain systems clean and free from trash.	2

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

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

- The total jurisdictional area and the % of that area that generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
  - Total jurisdictional area that generates VH = 0 acres.
  - Total jurisdictional area that generates H = 226 acres; 1.86%
  - Total jurisdictional area that generates M = 1647 acres; 13.58%
  - Total jurisdictional area that generates L = 10258 acres; 84.56%
- The dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
  - Please refer to chart below.
- Area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
  - Please refer to chart below.
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
  - Union City has adopted the County-wide single use bag ban ordinance and conducted several public outreach programs. Please refer to chart below.
- Provide the % of the jurisdictional area that generates VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
  - Visual assessments were used to determine levels of trash after all control measures implemented to-date on areas which are not covered by TCD. Additional information provided in visual assessment chart below.
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and % of TMA addressed; and
  - Please refer to chart below.
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.
  - Please refer to chart below.

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

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Baseline Generation (Pre-MRP)	% (Acres) TMA in Each Trash Generation Category			
					VH	H	M	L
1	120	Commercial/Retail	Restaurants, litter from bus stops, moving vehicles, etc.		0	88% (106)	11% (13)	1% (1)
2	20	Commercial/Retail	Restaurants, litter from bus stops, moving vehicles, etc.		0	87% (17)	13% (3)	0
3	85	Commercial/Retail	Restaurants, litter from bus stops, moving vehicles, etc.		0	57% (48)	9% (8)	35% (29)
4	39	Commercial/Retail	Restaurants, litter from bus stops, moving vehicles, etc.		0	73% (29)	27% (10)	0
5	245	High Density Residential/Retirement	Dispersal of household litter, convenience stores, etc.		0	0	47% (115)	53% (130)
6	49	Commercial/High Density Residential	Gas station, litter from bus stops, etc.		0	3% (2)	96% (47)	0
7	302	Residential	Dispersal of household litter		0	1% (4)	78% (234)	21% (64)
8	651	Industrial	Fast food restaurants, construction debris, papers		0	1% (4)	75% (488)	24% (158)
9	327	Industrial	Litter from bus stops, moving vehicles, etc.		0	0	96% (313)	4% (14)
10	70	Misc. Commercial/Mobile Homes	Dispersal of household litter, cups, papers		0	0	100% (70)	0
11	142	City Parks	Litter from restaurants, convenience stores, etc.		0	0	97% (138)	3% (4)
12	189	Public Schools	Dispersal of nearby household litter, papers, wrappers		0	7% (14)	93% (175)	0
13	21	Industrial	Litter from moving vehicles, papers, cups, etc.		0	0	94% (20)	6% (1)
14	15	Historic Business/Small Shops	Papers, litter from convenience stores, etc.		0	11% (2)	88% (13)	0
15	9846	Rural/Low Density Residential	No trash		0	0	0	100% (9846)
<b>Total</b>	<b>12,121</b>			<b>Total</b>	<b>0</b>	<b>2% (227)</b>	<b>0</b>	<b>84% (10,234)</b>
				Trash rate per gal/acre/yr.	100	30	7.5	0
		<b>Total (gal/yr.)</b>	<b>19,260</b>	<b>Base Trash Generation</b>	<b>0</b>	<b>6810</b>	<b>12450</b>	<b>0</b>

TOTAL CAPTURE DEVICES								
Trash Management Areas (TMA)	Screens	# of Devices		Jurisdictional Area Treated by Full Capture Devices (Acres)	VH	H	M	L
		CDS	LID					
1	22		2	19	0	19	0	0
2	4			4	0	4	0	0
3	26	2	2	22	0	16	0	6
4	13			6	0	6	0	0
5	15	1		109	0	1	33	75
6				0	0	0	0	0
7				0	0	0	0	0
8	4		3	36	0	2	34	0
9		1		15	0	0	15	0
10				0	0	0	0	0
11		1		3	0	0	3	0
12	1			2	0	2	0	0



**FY 2013-2014 Annual Report**  
**Permittee Name: City of Union City**

**C.10 – Trash Load Reduction**

<b>Results of Visual Assessments done in late June 2014</b>					
TMA	TMA Acres not covered by TCD	VH	H	M	L
1 : Originally 120 acres (19 acres of H is treated by TCD's) After visual assessment, 10 acres of H was reevaluated to M.	101	0	77	23	1
2 : Originally 20 acres (4 acres of H is treated by TCD's) After visual assessment 5 acres of H was reevaluated to be M.	16	0	8	8	0
3: Originally 85 acres (22 acres – 16 H and 6 L are treated by TCD's) After visual assessments, 8 acres went from H to M and 1 acre went from M to L.	63	0	24	15	24
4 : Originally 39 acres (6 acres of H are treated by TCD's) After visual assessments, 6 acres went from H to M.	33	0	17	16	0
5 : Originally 245 acres (109 acres – 1 H, 33 M, and 75 L are treated by TCD's) After visual assessment, 1 acre went from H to M and 11 acres went from M to L.	136	0	0	72	64
6 : After visual assessments, 2 acres went from H to M.	49	0	0	49	0
7 : After visual assessments, 4 acres went from H to M and 4 acres went from M to L.	302	0	0	234	68
8 : Originally 651 acres (36 acres – 2 H and 34 M are treated by TCD's) After visual assessments, 3 acres went from H to M and 42 acres went from M to L.	615	0	0	415	100
9 : Originally 327 acres (15 acres of medium are treated by TCD's) After visual assessments, 8 acres went from M to L.	312	0	0	290	22
10 : After visual assessments, 20 acres went from M to L.	70	0	0	50	20
11 : Originally 142 acres (3 acres of M are treated by TCD's) After visual assessments, 11 acres went from M to L.	139	0	0	124	15
12 : Originally 189 acres (2 acres of high are treated by TCD's) After visual assessments, 12 acres went from H to M, and 27 acres went from M to L.	187	0	0	160	27
13 : After visual assessments, 2 acres went from M to L.	21	0	0	18	3
14 : Originally 15 acres (1 acre of H is treated by TCD's) After visual assessments, 1 acres went from H to M and 2 acres went from M to L.	14	0	0	12	2
15 : Originally 9846 acres (116 acres of L are treated by TCD's)	9,730	0	0	0	9730
<b>TOTAL</b>	<b>11,788</b>	<b>0</b>	<b>126</b>	<b>1486</b>	<b>10176</b>
	Trash rate per gal/acre/yr.	100	30	7.5	0
<b>Total (gal/yr.) 14,925 (an additional reduction 2,078 gal/yr. or an additional 11% reduction)</b>	Trash load after assessments	0	3780	11145	0

<b>Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices</b>		<b>After taking into account all New or Enhanced (post-MRP) Control Measures</b>				
Please see chart below for summary of trash reductions. In addition, please see <b>Attachment C.10.d – Additional Trash Reduction Details.</b>						
<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>						
Visual Assessments were documented with photographs for all 15 TMA's areas that are not covered by a TCD. Photos are taken the day prior to street-sweeping. These were compared to the photos taken the previous year at the same areas under similar conditions. Photographic documentation is available and can be provided separately upon request.						
<b>Summary of Assessment Results To-date</b>						
Assessment results show that there is some reduction in H and M areas.						
		<b>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</b>	12%			
		<b>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</b>	11%			

<b>Summary of Trash Reduction Actions</b>				
<b>Action</b>	<b>Description</b>	<b>Trash Management Area(s) (Preliminary Map ID)</b>	<b>Dominant Sources</b>	<b>Dominant Types</b>
<b>Trash Management Area Specific Actions</b>				
<i>Union City believes that the following actions taken by the City has contributed to the overall reduction in trash that is reflected in visual assessment conducted above as well as to the on land cleanup of the hot spots.</i>				
Street Sweeping	Continued Pre-MRP Actions: <b>Twice a month street sweeping of all the City Streets</b>	<b>City-wide</b>	<b>Residential Trash</b>	<b>Vendor flyers, scraps of paper</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: Continue program			
On-land Trash Cleanups	Continued Pre-MRP Actions: <b>Work Furlough Crews pick up trash at hot spots on a weekly basis.</b>	<b>City-wide</b>	<b>Commercial Trash</b>	<b>Food wrappers, cigarette butts</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Supplement as needed with Volunteer groups such as Boy Scouts Eagle projects.</b>	<b>City-wide</b>		
Enhanced Storm Drain Inlet Maintenance	Continued Pre-MRP Actions: <b>Inlets were cleaned once a year</b>		<b>Retail and School Trash</b>	<b>Paper, food wrappers</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Inlets are now cleaned twice a year</b>	<b>City-wide</b>		
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions: <b>Required by ordinance to have loads covered</b>	<b>City-wide</b>	<b>Commercial debris</b>	<b>Paper, construction debris</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Continue with existing policy</b>			
Anti-littering and Illegal Dumping Enforcement Activities	Continued Pre-MRP Actions: <b>Illegal to dump by ordinance</b>	<b>City-wide</b>	<b>Various large debris from businesses or home owners</b>	<b>Large items not usually small enough to enter inlets</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Continue with existing policy</b>			

<b>Summary of Trash Reduction Actions</b>				
<b>Action</b>	<b>Description</b>	<b>Trash Management Area(s) (Preliminary Map ID)</b>	<b>Dominant Sources</b>	<b>Dominant Types</b>
Improved Trash Bins/Container Management	Continued Pre-MRP Actions:		<b>Restaurant wastes</b>	<b>Organics, paper products, food wrappers</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Work with property owners of Union Landing retail Center on upgraded procedures for trash enclosures and commercial garbage pick ups</b>	<b>Union Landing and other commercial areas</b>		
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions: <b>Yearly volunteer groups clean ups</b>	<b>City-wide</b>	<b>Homeless encampment wastes</b>	<b>Organics, papers, bottles</b>

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

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

**Discussion of Trash Reduction Estimate**

To date, Union City believes we have achieved at least a 51 % reduction in our trash loads. The installations of the TCD elements have reduced trash by at least 12 % (see calculations above). The implementation of our overall jurisdictional measures has reduced our trash load by an additional 11% based on our yearly field assessments. (See calculations above). In assessing our areas we been conservative in our estimates. Our on land cleanup of our hot spots reduced the trash load by another 22%. These above 3 reductions account for 45% of our reduction. The remaining 6% is made up of a 4% reduction due to the single use bag ban and 2% due to additional cleaning of catch basins.

As report in the studies provided by the Alameda Clean water Program, studies show that pre-bag ban, plastic bags accounted for 8% of the trash load. The recently completed bag ban assessment showed a reduction of 50% of bags found in Storm drain Catch basin post ban. This equates to 50% of 8% or a 4% reduction. While the City has conducted numerous community outreach events, educational outreach, installed bus ads increased storm drain catch basin maintenance, which impacts reduction of trash not shown in our visual assessments; the City is only claiming a conservative 2% reduction for these efforts.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	11
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	12
Estimated % Trash Reduction due to Other Control Measures (All TMAs)	6
<b>SubTotal for Above Actions</b>	<b>29</b>
Estimated % Trash Reduction due to Creek/Shoreline and additional Hotspot Cleanups (All TMAs)	22
<b>Total Estimated % Trash Reduction in FY 13-14</b>	<b>51</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).

See Section C.11 of the ACCWP FY 13-14 Annual Report for a summary of countywide recycling efforts.

1) Promotion efforts include:

- City of Union City link to proper HHW disposal: <http://www.ci.union-city.ca.us/departments/city-manager-s-office/garbage-recycling-and-composting-/household-hazardous-waste-393>. Other websites: JPA, Stopwaste.org: <http://stopwaste.org/home/index.asp?page=36&actionview=Go2&actionstep=2&Go2DropDown=0&Mat=MER>
- Alameda County Environmental Health Dept: <http://www.acgov.org/aceh/household/Batteries-and-Fluorescents.htm>

2) Outreach pieces: See attached City waste hauler quarterly newsletter pieces targeting commercial outreach in fall 2013 and winter 2013/14. See attached City environmental services flyer. See attached Alameda County Fremont HHW Facility Flyer for residential & commercial. See attached County JPA (Stopwaste.org) CFL outreach piece posted at all City community centers (Ruggieri Senior Center, Holly, Kennedy, and Sports Center).

Agency: Alameda County HHW Facility Programs (closest locations 41149 Boyce Rd, Fremont and 2091 West Winton Ave, Hayward)

Please refer to the Countywide Program's Annual Report for the Countywide Program's role in promoting the collection and recycling of mercury containing devices.

3) Facilitation/Organization of drop-off events: E-waste recycling events are organized biannually with our designated e-waste collector, Tri-CED community recycling. There were no drop-off events for mercury containing devices since HHW facilities in our county are nearby Union City.

4) Collection of mercury-containing devices:

Agency: Alameda County HHW Facility Programs

41149 Boyce Rd, Fremont-- Hours: weekly Wednesday – Friday, 8:30 a.m. until 2:30 p.m. and Saturdays, 8:00 a.m. – 4:30 p.m. Small business waste drop-off by appointment only.

2091 West Winton Ave, Hayward-- Hours: weekly Thursday, Friday, and Saturday, 9:00 a.m. – 1:00 p.m. Small business waste drop-off by appointment only.

Other entities:

AERC, Inc. (1475 Crocker Ave, Hayward); 510-429-1129 or 866-447-5177; [ww.aerc.com](http://www.aerc.com): free for residential & fee for commercial. See website for hours. CFL bulbs & tubes.

Home Depot ([30055 Industrial Pkwy, Union City](http://www.homedepot.com)) and Lowe's ([32040 Union Landing Blvd, Union City](http://www.lowes.com)): CFL bulbs only; no tubes.

**C.11.a.ii ► Mercury Collection**

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

Please refer to the ACCWP FY 13-14 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 ACCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 13-14 Annual Report, and the March 2014 Integrated Monitoring 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:

See the FY 13-14 ACCWP Annual Report for a description of PCB related training.

The City of Union City working with the Alameda Countywide Clean water program has conducted a desk top review and google map overview of all parcels that were listed in the late 1960's as industrial uses. The majority of these properties have been redeveloped and are now residential or commercial retail. Only a small percentage of these properties are still zoned industrial and most have been converted to warehouse or new businesses which do not generate PCB's. We have reviewed past violations and have found no PCB's violations for properties within Union City. Union City Environmental Programs Division conducts inspections of commercial and industrial businesses, which always includes an assessment of possible PCB-containing equipment.

Union City Environmental Programs staff complete annual training for Hazardous Waste Operations and Emergency Response, which may include discussions on PCBs, and participates in the Northern California Hazardous Waste Technical Advisory Group, where PCB-containing equipment is a recurring topic of collaboration. The I&IDC annual stormwater trainings, attended by all Union City Clean Water field staff, usually address PCBs, and it will be a topic in the November 2014 training.

We have a good working relationship with the Alameda County District Attorney's Division of Consumer and Environmental Protection and the Alameda County Health Department and anticipate that referrals will be coordinated effectively. We are on the lookout for possible PCB-containing equipment during our commercial and industrial inspections and when reviewing new development and tenant improvement projects in our weekly Developmental Review Committee meetings. We did not make any referrals regarding PCBs this year.

- 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 13-14 Annual Report, and the March 2014 Integrated Monitoring Report.

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

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

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

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

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:
  - o Collect the rinse water in a tank and haul off site for proper disposal
  - o 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.c ► Vehicle Brake Pads**

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:

During FY 13-14, we participated in implementation of the California Brake Friction Material Law through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the C.13 Copper Controls section of Program's FY 13-14 Annual 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 City's pre-development review process, we identify materials that may pose a copper runoff hazard. On one or two occasions in FY 2014/2015, we identified a proposal that raised concern and we were able to add Conditions of Approval to eliminate the discharge hazards posed by the installation and maintenance of the architectural copper.

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

Note: There are no reporting requirements in the FY 13-14 Annual Report for Section C.14.

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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>Union City continues to promote conservation, outreach, native vegetation, environmentally friendly practices, etc. Regionally developed materials which illustrate and inform the public about conservation and environmentally friendly practices are distributed at Public Works Day, Earth Day, and other public events.</p> <p>Union City's stopwaste.org certified Bay-Friendly park (Willow Park) continues to be a prime example of Bay Friendly Landscaping techniques and promotes drought tolerance, impervious surfaces, native vegetation, recycled materials, and more. Contractors, pest management contractors, and residents alike are encouraged to visit this location. Union City's Seabreeze Pond, by Seabreeze Park, uses plants to clean water by allowing a grove of deciduous trees absorb the water and remove pollutants or render them harmless. This process is known as phytoremediation. Phytoremediation helps clean up soils and waters contaminated with heavy and toxic metals.</p> <p>Plants that are being planted at events are extremely drought tolerant. Participants practice the 7 Principles of Bay-Friendly Landscaping &amp; Gardening: 1) Landscape locally; 2) Landscape for less to the landfill; 3) Nurture the soil; 4) Conserve water; 5) Conserve energy; 6) Protect water &amp; air quality; and 7) Create wildlife habitat.</p>



**C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System<sup>64</sup>**

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>65</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>66</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>64</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>65</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>66</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 (FY 2014-15)**

Attachment C.4.b.iii.(1)

**UNION CITY CLEAN WATER PROGRAM**

**LIST OF COMMERCIAL AND INDUSTRIAL FACILITIES WITH POTENTIAL TO CAUSE STORMWATER RUNOFF POLLUTION (FY 2014-2015)**

Name	Site Address
1/3 LB GIANT BURGER	33592 Alvarado-Niles Rd
10 Minute Oil Change Center 6	2601 Decoto RD
3PD Inc	1600 Atlantic ST
7 Eleven #16824	2609 Decoto RD
7 HILLS FOOD STORE	101 Appian WAY
7-Eleven Inc Store # 16104	32215 Alvarado-Niles RD
7-Eleven Inc Store # 21427	915 Whipple RD
A TOWN PIZZA	1830 Whipple RD
A&H Truck Repair	30319 Union City BLVD
A.S.I Cyber Concepts LLC	33548 Central AVE
AAA Fire Protection Services	30113 Union City BLVD
Abaxis	30411 Whipple RD
Abaxis	3240 Whipple RD
ABE Petroleum	33090 Mission BLVD
ABE Petroleum	33090 Mission BLVD A
Acacia Creek	34400A Mission BLVD
Air Liquide America	700 Decoto RD
Ajax Custom Mfg	34585 7th ST
AK Scientific	30023 Ahern AVE
Alameda County Pump Station J-3	32000 Union City BLVD
Alamillo Rebar	33353 Lewis ST
Alco Pump Station - Westview	32110 Alvarado-Niles RD
AlCo Pump Station J-2	4588 Delores DR
AlCo Pump Station J-3	32000 Union City BLVD
AlCo Pump Station-Eden Shores	2690 Eden Park PL
Alpine Awards	32400 Central AVE
Alvarado 76	31901 Alvarado BLVD
Alvarado 76	31909 Alvarado BLVD
Alvarado Business Park	30336 B Whipple RD
Alvarado Business Park ( Fire Pump House)	4100 Whipple RD B
Alvarado Dye & Knitting Mill	30542 Union City BLVD
Alvarado Niles Shell	32187 Alvarado-Niles RD
Alvarado Resource Center	31880 Alvarado BLVD
Alvarado Valero	31890 Alvarado BLVD
Amber Kinetics	32920 Alvarado-Niles RD
Amcor Packaging Distribution dba Manufactured Packaging Products	33463 Western AVE
American Licorice Company	2477 Liston WY
AMY'S DONUT SHOP	1818 Whipple RD
ANDERSEN BAKERY & CAFE	31075 Courthouse DR
Anixter	30061 Ahern AVE
Antonio Naguiat Jr. & Olivia Magno DMD, Inc	33378 Alvarado-Niles RD
Applebee's Restaurant	30980 Dyer ST

Applied Industrial Technologies	30077 Ahern AVE
Arrow Trucking Company of California	30078 Eigenbrodt WY
Asbury Environmental Services	1220 Whipple RD
ASIA EXPRESS CHINESE FOOD	1710 Decoto RD
AT & T Mobility (24198)	32600 Carmel WY
AT & T Mobility (47438)	1295 Whipple RD
AT&T California	118 "E" ST P 5006
AT&T Mobility (13243)	2931 Faber ST
AU/ Shell #002	2001 Decoto RD
Auto Parts Source	1689 Atlantic ST
Autowise Automotive	35194 Alvarado-Niles RD
AutoZone #3338	32100 Alvarado BLVD
Avalon Union City	24 Union Square
Axygen	33210 Central AVE
AZ Auto Repair Parts LLC	33090 Mission BLVD
Azimuth Semiconducting	30593 Union City BLVD
BABY NUTRITIONAL CARE #101	32970 Alvarado-Niles RD
Backyard Bayou	32280 Dyer ST
Bakemark	32621 Central AVE
BAKERY LA MEJOR	34572 Alvarado-Niles RD
BAKERY-TAQUERIA UNO	1854 Whipple RD
Baldie's Cafe	2649 Decoto RD
Bank Of America - Lockbox	3180 Whipple RD
BANYAN TREE	1771 Decoto RD
BART Union City Substation (AUC)	10 Union Square
BASKIN ROBBINS	32232 Dyer ST
Bay Star Auto	1275 Atlantic ST
Benedict Armonio DDS, Inc	30067 Industrial PKWY
Best Contracting Services, Inc	4301 Bettencourt WY
Best Label	2900 Faber ST #1
BHARAT BAZAR	34301 Alvarado-Niles Rd
BHJ Products, Inc	1651 Atlantic ST
BIG BROTHER CAFE	1640 Decoto RD
Blommer Chocolate	1515 Pacific ST
Blommer Chocolate	33377 Transit AVE
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	3940 Smith ST
Burger King	1801 Decoto RD
Burger King #13768	31361 Alvarado-Niles RD
BV Family & Cosmetic Dentistry	2 Union Square Ste 230
C.R. Laurence	33200 Dowe AVE
Cadona, Inc	33401 Central AVE
Cal West Concrete Cutting	3000 Tara CT
California Supply North, Inc	29987 Ahern AVE
CAM HUONG SANDWICHES	32124 Alvarado BLVD
Cam Image, Mfg, Inc	33360 Dowe AVE
Caravan Bakery	33300 Western AVE
Caravan Bakery	33300 Western AVE

Cascade Scientific, Inc	32910 Alvarado-Niles RD
CEMEX Construction Materials Pacific, LLC	900 Whipple RD
Century Theaters, Inc.	32100 Union Landing BLVD
Chapel of the Chimes	32992 Mission BLVD
Chaplin's Sports Bistro	29200 Kohoutek WY
Chetak, Inc.	4000 Whipple RD
Chevron Station # 91166	1990 Decoto RD
Chevy's Fresh Mex Restaurant	31100 Courthouse DR
Chili's #624 Union City	32120 Dyer ST
Chipotle Mexican Grill	30920 Dyer ST
CHOWKING RESTAURANT	31838 Alvarado BLVD
City of Union City Corp Yard	34650 7th ST
Civic Center Shell	2001 Decoto RD
Civic Center Shell	2001 Decoto RD
Civic Center Shell	2001 Decoto RD
Coca Cola	1551 Atlantic ST
Cocoa Services West	29975 Ahern AVE
COLD STONE CREAMERY	30985 Courthouse DR
Cold Storage	740 Bradford ST
Conklin & Conklin Inc	34201 7th ST
Container Consulting Service Inc	1795 Atlantic CT
Criterion Brock	2913 Whipple RD
Crown Plaza	32083 Alvarado-Niles RD
Crown Worldwide Moving Storage	32001 Dowe AVE
CURRY KING	34579 Alvarado-Niles RD
Cybelle Tran, DDS	1755 Decoto RD
Da Vita Union City Dialysis Center	32930 Alvarado-Niles RD # 300
DAAWAT	33330 Alvarado-Niles RD
Dan Oden Swim Center	33901 Syracuse AVE
Dawn Food Products Inc.	2845 Faber ST
Decoto Family Dentist	2701 Decoto RD Ste 4
DELAINE EASTIN SCHOOL	34901 Eastin CT
Delta Pacific Products, Inc.	33170 Central AVE
Dental Office of Woo & Chin DDS	33341 Alvarado-Niles RD
Dental Offices of A.Woo & K.Chin	33341 Alvarado-Niles RD A
Deol Shell #136198	31301 Alvarado-Niles RD
Dollar Tree Stores, Inc (#1233)	1720 Decoto RD
DOMINO'S PIZZA	33600 Alvarado-Niles Rd
DONUT DELIGHT	34554 Alvarado-Niles RD
Dr. Eddon Duran DDS	4138 Dyer ST Ste 2
Dr. M. Arafiles-Reyes	32025 Alvarado BLVD
DRAGON HOUSE CHINESE RESTAURANT	31870 Alvarado BLVD
Dream Smile Dental	33141 Alvarado-Niles RD
Dynatech Machining	29530 Kohoutek WY
East Bay Landscaping	1147 Atlantic ST
Eden Foods, Inc.	30451 Whipple RD
Edwin P. Reyes, D.M.D.	32138 Alvarado BLVD
EL BURRITO SUPREMO	34587 Alvarado-Niles RD
El Mercado / Sweet Trendy	1767 Decoto RD

Eleanor Pulido, DMD	33404 Alvarado-Niles RD
Electrochem Solutions, LLC	32500 Central AVE
Elegant Marble & Granite	33100 Transit AVE
ELITE BAKERY	4123 Dyer ST
Elsa M. Ronquillo, DMD	1762 Decoto RD
Emerald Packaging Inc	33050 Western AVE
Empire Today, LLC	2900 Faber ST #2
Energys	30071 Ahern AVE
Energys Inc.	30069 Ahern AVE
Envirocheck	2845 Whipple RD
Eoff Manufacturing	32410 Central AVE
ERNIE'S WINE & LIQUORS	31846 Alvarado BLVD
Escutia's Auto	967 H ST
Excelsior Analytical Laboratory, Inc	30099 Ahern AVE
Family Dental Center	34399 Alvarado-Niles RD
FEDERICOS TAPAS & WINE BAR	30971 Courthouse DR
Fibralign Corp	32930 Alvarado-Niles RD Ste 350
Finelite	30500 Whipple RD
FOOD MAXX #463	30073 Industrial PKWY
FRESH & NATURAL CAFE	3555 Whipple RD
FreshPoint San Francisco	30340 Whipple RD
Fricke-Parks Press Inc.	33250 Transit AVE
Fuddrucker's	32175 Union Landing
Garland-White & Co.	4500 Tara CT
GCM Medical and OEM Division, Inc	1350 Atlantic ST Bldg 1
GCM Medical and OEM Division, Inc	33233 Central AVE Bldg 3
Gerry's Grill	31005 Courthouse DR
Golden Apple Corp	30049 Ahern AVE
GOLDILOCKS BAKESHOP	4126 Dyer ST
Grand J & K Corp	30118 Eigenbrodt WY
Graybar Electric	3089 Whipple RD
H & E Equipment Services	4381 Bettencourt WY
HAAFIZ FOOD MART	34595 Alvarado-Niles RD
Harjas Petroleum Inc	31889 Alvarado BLVD
Hartter 144 Inc. (KFC)	32004 Alvarado BLVD
Hartung Glass	700 Bradford ST
HD Supply Waterworks	34151 Zwissig WY
Heco - Pacific Mfg	1510 Pacific
Hertz Equipment Rental	1333 Atlantic ST
Hidemi, Oka, DMD, MD, MS, Inc.	33800 Alvarado-Niles RD St 4
Hillyard	1673 Atlantic
Holiday Inn Express	31140 Alvarado-Niles RD
HONG KONG RESTAURANT	4100 Dyer ST
Hoshizaki Western DC, Inc.	29330 Union City BLVD
Hot Pot Union City Corp	34396 Alvarado-Niles RD
HOUSE OF DUMPLINGS	109 Appian WAY
Icon Environmental Services, Inc	1220 Whipple RD
IDI Distributors	1640 Atlantic ST
IHop Restaurant #1724	32010 Dyer ST

In-N-Out Burger	32060 Union Landing BLVD
Iron Mountain	29555 Kohoutek WY
Island Pacific Supermarket	4122 Dyer ST
JAMBA JUICE #420	32358 Dyer ST
James Logan High School	1800 H ST
James Logan High School	1800 H Street
JASMINE RESTAURANT	30059 Industrial PKWY
Jasper Engines & Transmissions Exchange	1699 Atlantic ST Bldg 4
Jatco, Inc	34343 Zwissig WY
Jatco, Inc	725 Zwissig WY
Jeanette C. Guerrero, DMD	31857 Alvarado BLVD
JENJON'S CAFE	1704 Decoto RD
Jenson Mechanical	32420 Central
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 Restaurant	32460 Dyer ST
K & A Gas and Auto Repair Inc.	33365 Mission BLVD
KABILA	29286 Union City BLVD
Kaiser Permanente	30116 Eigenbrodt WY
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD
KALINDA'S RESTAURANT/CATERING	31834 Alvarado BLVD
Kerrock Counter Top	33220 Western AVE
Kerry Ingredients	33063 Western AVE
Keystone Automotive Industries, Inc	30336 Whipple RD ste B
Kimura Dental	33408 Alvarado-Niles RD
KING LIQUORS	30063 Industrial PKWY
King Wai Trading Co.	30098 Eigenbrodt WY
Knorr Brake System	29471 Kohoutek WY
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
La Terra Fina	1300 Atlantic ST
LagasseSweet Inc.	4100 Whipple RD # A
Lally Truck Trailer Repair & Paint Service	4600 Horner ST
LECHON MANILA	32104 Alvarado BLVD
Lehigh Heidelberg Cement Group	30101 Industrial PKWY
Leland P. Grant, DDS	4138 Dyer ST Ste 4
Leon H. Chang DDS	33800 Alvarado-Niles RD #6
Leo's Finishing and Refinishing	33238 Central AVE
Le's Alvarado Dental	31820 Alvarado BLVD
Lian Hwa Foods (USA) Inc.	1500 Atlantic ST
LIQUOR BARREL	2641 Decoto RD
LITTLE PANDA CHINESE FOOD	31859 Alvarado BLVD
LITTLE SHEN YANG	1749 Decoto RD
LKQ Corp	30336 Whipple RD

LKQ Corp	30336 Whipple RD
LOS DOS GALLOS	34704 Alvarado-Niles RD
Louis Evans DDS	33351 Alvarado-Niles RD
Lovely Smile Dental	33448 Alvarado Niles RD
Lowe's !1132	32040 Union Landing BLVD
LSI / Ingredients International	1610 Whipple RD
Lucky Store #782	32300 Dyer ST
Lynx Recyclers	1000 Whipple RD
M.L. Burr, DDS	2701 Decoto RD 5
Macy's Logistics, Inc	1200 Whipple RD
MAGAT'S ASIAN GROCERY AND TRADING	31873 Alvarado BLVD
MANDAVI BAZAAR	31804 Alvarado BLVD
MANEKI SUSHI	31810 Alvarado BLVD
Manila Dental Center	31210 Alvarado Niles RD
MANILA GOOD-HA SA UNION CITY	4130 Dyer ST
MANILA SUNRISE RESTAURANT	4122 Dyer ST
Marcus Lin, DDS	29300 Kohoutek WY 100
Marina Foods	1791 Decoto RD
Masonic Homes	34400 Mission BLVD
Masonic Homes	34400 Mission BLVD
Mathews Mechanical	33480 Western AVE
MAYFLOWER SEAFOOD RESTAURANT	34338 Alvarado-Niles Rd
Maypearl	31300 Alvarado Niles RD
MCDONALDS	30600 Dyer ST
McDonald's	27 Union Square
Mendoza Cutting Service	30550 Union City BLVD
MENCONI'S	32611 Alvarado BLVD
Mercado Latino, Inc	33430 Western AVE
MET Laboratories	33439 Western AVE
Mexico Lindo	33306 Alvarado-Niles RD
Michaels 2076	31080 Dyer ST
MISSION FOOD & LIQUOR	101 Decoto RD
Mitsu Auto Repair	1277 Atlantic ST
Mizuho Orthopedic System	30031 Ahern AVE A
Mizuumi Buffet	1604 Decoto RD
mOasis, Inc	32930 Alvarado-Niles RD
Monarch Leasing	29899 Union City BLVD
MORTAR PESTLE	32136 Alvarado BLVD
Mountain Mikes Pizza	32170 Dyer ST
MR KEBAB	1760 Decoto RD
MUSKAAN INDIAN CUISINE	1706 Decoto RD
MV Transportation	1283 Atlantic ST
NAYONG FILIPINO	1796 Whipple RD
New Age Linen	2930 Faber ST
NEW CHINA	1743 Decoto RD
New Haven Unified School District Corp. Yard	3636 Smith ST
New Horizon Foods	33440 Western AVE
NEW INDIA MARKET	31885 Alvarado BLVD
NEW LUK YUEN RESTAURANT	31802 Alvarado BLVD

New World Van Lines	33373 Lewis AVE
NHUSD Central Kitchen	2831 Faber ST
NILES LIQUORS & MINI MART	34359 Alvarado-Niles Rd
Noble Dental Care	34603 Alvarado Niles RD
Northwood Design Partners	1528 Atlantic ST
Oakridge Industries	1130 Pacific ST
OEC Graphics	33288 Central AVE
OLA's EXOTIC COFFEE AND TEA	3900 Smith ST
Omni Cable Corp	2915 Whipple RD
One-Stop Auto Service	1279 Atlantic ST
OO LIQUORS	1800 Whipple RD
Orcon	1570 Atlantic ST
O'Reilly Auto Parts #2571	1601 Decoto RD
O'Rite International	30100 Ahern AVE
Pacific Materials Handling	30361 Whipple RD
Pacific Rain Gutter Supply, Inc	1420 Whipple RD
Pacifica Senior Living	33883 Alvarado-Niles RD
Party City	30761 Dyer ST
PASTA POMODORO	32216 Dyer ST
Pep Boys #816	30085 Industrial PKWY
PEPPER TREE LOUNGE	1848 Whipple RD
PERRY'S LIQUORS	31885 Alvarado BLVD
Petco #309	31090 Dyer ST
PG & E Jarvis Substation	900 Decoto RD
PHO PASTEUR RESTAURANT	31860 Alvarado BLVD
PHO TUONG LAI	1779 Decoto RD
PIZZA HUT	2617 Decoto RD
Popeye's Louisiana Kitchen	31816 Alvarado BLVD
ProSpectra Contract Flooring	4017 Whipple RD
PTR Manufacturing Inc.	33390 Transit AVE
PUMP IT UP OF UNION CITY	2995 Whipple RD
Quality Distributing	2850 Volpey WY
QUICK SHOP MARKET	31887 Alvarado BLVD
Quik Stop Market # 29	1824 Whipple RD
R & S Manufacturing, Inc	33955 7th ST
R.B. DELI	2813 Whipple RD
R.J. Chase Co.	4000 Tara CT
Randhawa Dental Corp	4138 Dyer ST Ste 1
Rapak Inc.	29959 Ahern AVE
Rapid Displays	33195 Lewis AVE
RAYAAN PIZZA & PASTA	32106 Alvarado BLVD
RED RIBBON BAKESHOP INC	31840 Alvarado BLVD
Reliance Metal Center	33201 Western AVE
Ricardo & Olga Morales Dental	4138 Dyer ST
Rich Products	1600 Whipple RD
Riddell	32920 Alvarado-Niles RD Ste 240
Right Away Redy Mix	30100 Union City BLVD
Rite Aid #5942	31836 Alvarado BLVD
Rite Aid #5943	1650 Decoto RD

RKI Instruments	33248 Central AVE
Rose Garden Restaurant	33348 Alvarado-Niles RD
ROSHNI MARKET	2633 Decoto RD
ROUND TABLE PIZZA	1744 Decoto RD
Royal Truck Body	930 Whipple RD
RUGGIERI SENIOR CENTER	33997 Alvarado-Niles RD
Ryss Lab, Inc	29540 Kohoutek WY
Safelite Auto Glass	30410 Whipple RD
Safety Environmental Control	1480 Whipple RD
Safeway #1197	1790 Decoto RD
San Francisco Specialty Produce	30200 Whipple RD
SANGRAM'S PALACE	30063 Industrial PKWY
Save On Cleaners	34375 Alvarado-Niles RD
Savory Creations	32611 Central AVE
Scott's Mobile Trailer Repair	1220 Whipple RD # B
Seafood City	31840 Alvarado BLVD
Sealed Air Corporation	2877 Volpey WY
Selway Machine & Tool	29250 Union City BLVD
SHALIMAR INDIAN GROCERIES	32118 Alvarado BLVD
Shaw Industries Inc.	4025 Whipple RD
Sheedy Hoist	34301 7th ST
Shell Oil	31889 Alvarado Blvd
Shell Station (136197)	2001 Decoto RD
Shell Station (136198)	31301 Alvarado Niles RD
Shell Station (136199)	31889 Alvarado BLVD
Shell Station (136201)	32187 Alvarado Niles RD
SHENG KEE BAKERY #10	34332 Alvarado-Niles Rd
Shrader Vacuum	29300 Kohoutek WY Ste 160
Sigmatron	30000 Eigenbrodt WY
Sitton Flooring	29360 Union City BLVD
SK DONUT SHOP	32102 Alvarado BLVD
Smart & Final	31070 Dyer ST
SMITH CONVENIENT MARKET	3834 Smith ST
Southern Wine & Spirits	33300 Dowe AVE
Southern Wine & Spirits	33321 Dowe AVE
Southern Wine & Spirits #326718	1555 Atlantic ST
Southern Wine & Spirits (Vendor No. 326718)	33321 Dowe AVE
Southland Industries	33225 Western AVE
Spanish Tradition	33949 10th ST A
Sparkle Dental Care	32631 Alvarado BLVD
Specialized Laundry	33483 Western AVE
SPICE HOUSE CO.	29266 Union City BLVD
Spicers Paper, Inc.	30108 Eigenbrodt
Sports Authority	31200 Courthouse DR
Star Pacific	1205 Atlantic ST
STARBUCKS #5887	1752 Decoto RD
STARBUCKS COFFEE #11167	32340 Alvarado BLVD
STARBUCKS COFFEE #5653	32240 Dyer ST
Station Center Apartments	34888 11th ST
Strapack	33508 Central AVE

Studio 1204, Inc	34485 7th ST
SUBWAY #5476	34367 Alvarado-Niles Rd
SUBWAY SANDWICHES & SALADS #18968	30057 Industrial PKWY
SUBWAY SANDWICHES & SALADS #29141	32144 Alvarado BLVD
Sugar Foods Corporation - aka Musso's Gourmet Bakery	33378 Transit AVE
Summit Plastering	33363 Lewis AVE
Sunnyvale Seafood	2910 Faber ST
SUPERMERCADO GUADALAJARA	33909 10th ST
SUSHI BOAT	32200 Dyer ST
T & L Muffler	1007 Decoto RD
T.G.I. Fridays Restaurant #1946	31900 Dyer ST
Taco Bell	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
Tellworks	30067 Eigenbrodt WY
THAI BBQ	4116 Dyer ST
THAI KITCHEN RESTAURANT	31845 Alvarado BLVD
THAI VILLAGE CUISINE	34571 Alvarado-Niles RD
The Home Depot #635	30065 Industrial PKWY
THE MARY CORDOZA CENTER	2831 Faber ST
The Printer Works, Inc.	33300 Dowe AVE
The Source Group	30315 Union City BLVD
The Tropics	33000 Almaden BLVD
THE VITAMIN SHOPPE	32109 Union Landing BLVD
Tire & Wheel Master	4005 Whipple RD
Tire Dealer's Warehouse	33375 Central AVE
TOGOS	32220 Dyer ST
TOPPINGS TOO!! RESTAURANT	3910 Smith ST
TRIBU GRILL	32208 Dyer ST
Tri-CED	33377 Western AVE
Tri-City Dentistry	31874 Alvarado BLVD
Tri-ed Distribution Inc	2807 Whipple
U.S. Cleaners	34584 Alvarado-Niles RD
Umo Steel Inc	4700 Horner ST
Union 76	31300 Alvarado-Niles RD
Union City Auto Body	1250 Pacific ST
Union City Brake & Clutch	1281 Atlantic ST
Union City Civic Center	34009 Alvarado-Niles RD
Union City Dental Aesthetics	30811 Union City BLVD
UNION CITY DONUTS & DELI	31080 Union City BLVD
Union City Fire Station # 32	31600 Alvarado BLVD
Union City Fire Station # 33	33942 7th ST
Union City Fire Station #30	35000 Eastin CT
Union City Fire Station #31	33555 Central AVE
UNION CITY KOREAN MARKET	34555 Alvarado-Niles RD
Union City Public Works Maintenance Facility	34650 7th ST

Union City Shell	31301 Alvarado-Niles RD
UNION CITY SPORTS CENTER	31224 Union City BLVD
Union City Teen Workshop	33623 Mission BLVD
Union Dental Center	34608 Alvarado-Niles RD
Union Int'l Food Co.	33035 Transit AVE
Union Landing Dental Center	32364 Dyer ST
Union Sanitary District	5072 Benson RD
Union Sanitary District	5072 Benson RD
Unistrut International Corporation	1679 Atlantic ST
United Building Maintenance	3261 Whipple RD
UNITED FOOD AND LIQUOR	31090 Union City BLVD
United States Pipe & Foundry	1295 Whipple RD
University of the Pacific Dental	1203 J ST
US Cold Storage	33400 Dowe AVE
US Pipe & Foundry	1295 Whipple RD
US Spices Corp	2801 Faber ST
USK Manufacturing, Inc.	720 Zwissig WY
V TROPICAL BAKESHOP	4128 Dyer ST
V.E.M. Engineering	35218 Alvarado-Niles RD
VALERIO'S TROPICAL BAKESHOP	31844 Alvarado BLVD
VCA All About Pets Animal Hospital	34664 Alvarado-Niles RD
Venta Medical, LLC	33170 Central AVE
Verizon Wireless	2931 Faber ST
Verizon Wireless	32600 Carmel WY B
Verizon Wireless	33467 Western AVE B
Verizon Wireless - Mission Appian	34860 Mission Blvd
VS.'s Auto & Performance / Auto Repair	33365 Mission BLVD 2
Wal*Mart Store #2031	30600 Dyer ST
Wayne Dalton Genie Sales Center of the Bay Area	30420 Whipple RD
Welcome Market, Inc	2931 Faber ST
West Logistics LLC	30300 Whipple RD
West Coast Cleaners	33366 Alvarado-Niles RD
Westland Giftware	30180 Ahern AVE
WHC Plumbing Supply Co.	2900 Volpey WY
Whipple Road Family Dental care	1794 Whipple RD
WHIPPLE TAQUERIA	1790 Whipple RD
William Asai, DDS	33341 Alvarado-Niles RD B
WINGSTOP	1648 Decoto RD
YOGURT TRAIN	1735 Decoto RD
Young's Market Co	1701 Atlantic CT
ZHI WEI RESTAURANT	1773 Decoto RD
Zuo Modern Contemporary	1285 Atlantic ST

## **ATTACHMENT 2**

### **C.4.b.iii-2 - List of Commercial and Industrial Facilities Scheduled for Inspection**

**UNION CITY CLEAN WATER PROGRAM****LIST OF COMMERCIAL AND INDUSTRIAL FACILITIES SCHEDULED FOR INSPECTION (FY 2014-2015)**

Name	Site Address
7 HILLS FOOD STORE	101 Appian WAY
7-Eleven Inc Store # 16104	32215 Alvarado-Niles RD
7-Eleven Inc Store # 21427	915 Whipple RD
A TOWN PIZZA	1830 Whipple RD
Abaxis	30411 Whipple RD
Abaxis	3240 Whipple RD
ABE Petroleum	33090 Mission BLVD A
Alco Pump Station - Westview	32110 Alvarado-Niles RD
AlCo Pump Station-Eden Shores	2690 Eden Park PL
Alvarado 76	31901 Alvarado BLVD
Alvarado Dye & Knitting Mill	30542 Union City BLVD
Alvarado Niles Shell	32187 Alvarado-Niles RD
AMY'S DONUT SHOP	1818 Whipple RD
Applied Industrial Technologies	30077 Ahern AVE
ASIA EXPRESS CHINESE FOOD	1710 Decoto RD
Auto Parts Source	1689 Atlantic ST
Axygen	33210 Central AVE
BABY NUTRITIONAL CARE #101	32970 Alvarado-Niles RD
BAKERY LA MEJOR	34572 Alvarado-Niles RD
BAKERY-TAQUERIA UNO	1854 Whipple RD
Bay Star Auto	1275 Atlantic ST
BHARAT BAZAR	34301 Alvarado-Niles Rd
California Supply North, Inc	29987 Ahern AVE
Cam Image, Mfg, Inc	33360 Dowe AVE
Caravan Bakery	33300 Western AVE
Chapel of the Chimes	32992 Mission BLVD
City of Union City Corp Yard	34650 7th ST
Civic Center Shell	2001 Decoto RD
COLD STONE CREAMERY	30985 Courthouse DR
Da Vita Union City Dialysis Center	32930 Alvarado-Niles RD # 300
Dynatech Machining	29530 Kohoutek WY
East Bay Landscaping	1147 Atlantic ST
Emerald Packaging Inc	33050 Western AVE
Energys Inc.	30069 Ahern AVE
ERNIE'S WINE & LIQUORS	31846 Alvarado BLVD
Family Dental Center	34399 Alvarado-Niles RD
FOOD MAXX #463	30073 Industrial PKWY
Garland-White & Co.	4500 Tara CT
Holiday Inn Express	31140 Alvarado-Niles RD
K & A Gas and Auto Repair Inc.	33365 Mission BLVD
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD
KALINDA'S RESTAURANT/CATERING	31834 Alvarado BLVD
Kerrock Counter Top	33220 Western AVE
L & L HAWAIIAN BARBECUE	1668 Decoto RD
Lally Truck Trailer Repair & Paint Service	4600 Horner ST
Lehigh Heidelberg Cement Group	30101 Industrial PKWY
Leo's Finishing and Refinishing	33238 Central AVE

Le's Alvarado Dental	31820 Alvarado BLVD
Lian Hwa Foods (USA) Inc.	1500 Atlantic ST
Macy's Logistics, Inc	1200 Whipple RD
Masonic Homes	34400 Mission BLVD
MCDONALDS	30600 Dyer ST
McDonald's	27 Union Square
Mendoza Cutting Service	30550 Union City BLVD
MR KEBAB	1760 Decoto RD
NILES LIQUORS & MINI MART	34359 Alvarado-Niles Rd
Oakridge Industries	1130 Pacific ST
One-Stop Auto Service	1279 Atlantic ST
PEPPER TREE LOUNGE	1848 Whipple RD
Quality Distributing	2850 Volpey WY
Rapak Inc.	29959 Ahern AVE
Riddell	32920 Alvarado-Niles RD Ste 240
Right Away Redy Mix	30100 Union City BLVD
Rite Aid #5943	1650 Decoto RD
Royal Truck Body	930 Whipple RD
RUGGIERI SENIOR CENTER	33997 Alvarado-Niles RD
Safeway #1197	1790 Decoto RD
Seafood City	31840 Alvarado BLVD
SHALIMAR INDIAN GROCERIES	32118 Alvarado BLVD
Shell Station (136199)	31889 Alvarado BLVD
Sigmatron	30000 Eigenbrodt WY
SK DONUT SHOP	32102 Alvarado BLVD
Southern Wine & Spirits #326718	1555 Atlantic ST
Southern Wine & Spirits (Vendor No. 326718)	33321 Dowe AVE
SPICE HOUSE CO.	29266 Union City BLVD
Spicers Paper, Inc.	30108 Eigenbrodt
SUBWAY #5476	34367 Alvarado-Niles Rd
SUBWAY SANDWICHES & SALADS #29141	32144 Alvarado BLVD
Summit Plastering	33363 Lewis AVE
The Tropics	33000 Almaden BLVD
THE VITAMIN SHOPPE	32109 Union Landing BLVD
Tri-CED	33377 Western AVE
U.S. Cleaners	34584 Alvarado-Niles RD
Umo Steel Inc	4700 Horner ST
Union 76	31300 Alvarado-Niles RD
Union City Civic Center	34009 Alvarado-Niles RD
UNION CITY KOREAN MARKET	34555 Alvarado-Niles RD
Union City Public Works Maintenance Facility	34650 7th ST
Union City Shell	31301 Alvarado-Niles RD
UNION CITY SPORTS CENTER	31224 Union City BLVD
United Building Maintenance	3261 Whipple RD
UNITED FOOD AND LIQUOR	31090 Union City BLVD
University of the Pacific Dental	1203 J ST
US Pipe & Foundry	1295 Whipple RD
V.E.M. Engineering	35218 Alvarado-Niles RD
Westland Giftware	30180 Ahern AVE
WHIPPLE TAQUERIA	1790 Whipple RD
YOGURT TRAIN	1735 Decoto RD
ZHI WEI RESTAURANT	1773 Decoto RD

## **ATTACHMENT 3**

### **C.5.f.iii-4 2013-14 - Stormwater Complaint Discharge Tracking**

MRP

Require The MRP's Provision C.5.f requires the following: "All incidents or discharges reported to the complaint/spill system that might pose a threat to water quality shall be logged to track follow-up and response through problem resolution. The data collected shall be sufficient to demonstrate escalating responses for repeat problems, and inter/intra-agency coordination, where appropriate."

Purpose The purpose of this spreadsheet is to provide an example "water quality spill and discharge complaint and follow up" tracking method for the ACCWP agencies to adapt for their use starting April 1, 2010.

Complaint Information													Investigation Information										Follow Up Information																				
Date and Time of Complaint Receipt		Source of Complaint			Threat to Water Quality	Type of Pollutant(s) Enter "1" for each type reported						Date Investigation Started		Time Investigation Started		Type of Pollutant(s) Enter "1" for each type found								Type of Enforcement			Response Times			Enter "1" if Resolved in Timely Manner													
Date of Complaint	Time of Complaint	Public	Another Public Agency	Own Agency Staff	Enter "1" if discharge reported threat to water quality	Enter "1" if no threat to water quality	Washwaters	Sewage	Construction Materials	Vehicle Fluids	Food Wastes	Paint	Sediment and/or Silt	Industrial Wastes	Litter and/or Debris	Oil not from vehicles/Other	Date Investigation Started	Time Investigation Started	Washwaters	Sewage	Construction Materials	Vehicle Fluids	Food Wastes	Paint	Sediment and/or Silt	Industrial Wastes	Litter and/or Debris	Other	Enter "1" if Discharge Entered Storm Drain and/or receiving water	Nothing Found to Abate	Enter "1" if there is nothing needing abatement	None	Warning Notice	Written Warning/ Notice of Violation	Notice to Comply	Legal Action	Call to Investigate	Investigate to Abate	Call to Abate	Enter "1" if Resolved in Timely Manner			
7/15/13	16:18			1	1			1									7/15/13	11:00			1							1				1						0	1	1	1		
7/16/13	10:30			1	1		1			1							7/16/13	11:30	1				1						1	1									0	0	0	1	
7/16/13	15:18			1	1			1									7/16/13	15:18			1								1	1									0	0	0	1	
7/16/13	8:30			1		1			1								7/16/13	9:30				1							1	1									0	0	0	1	
7/30/13	14:45			1	1			1									7/30/13	14:45		1									1										0	0	0	1	
7/20/13	18:36	1				1			1								7/21/13	9:46				1							1			1						1	0	0	1		
8/14/13	11:50			1	1			1									8/14/13	13:42			1								1			1						0	1	1	1		
8/20/13	9:06			1		1			1								8/20/13	9:06				1								1	1								0	0	0	1	
9/3/13	12:53	1				1				1							9/6/13	16:54	1				1						1			1							0	3	3	1	
9/5/13	18:50	1				1				1							9/6/13	16:30					1						1				1						1	7	8	1	
9/23/13	16:44	1							1								9/23/13	18:26				1							1				1						1	9	10		
10/2/13	10:35			1	1					1							10/2/13	10:35					1						1			1							0	0	0	1	
10/30/13	13:15				1		1								1		10/30/13	14:45										1	1				1						0	0	0	1	
10/30/13	14:00				1		1								1		10/30/13	14:00										1	1				1						0	0	0	1	
10/31/13	15:04			1		1	1										10/31/13	15:04	1										1	1									0	6	6	1	
11/12/13	13:55	1				1			1								11/12/13	15:22				1							1										0	1	1	1	
11/12/13	15:15			1	1			1									11/12/13	15:15			1								1	1									0	1	0	1	
11/30/13	19:15	1				1			1								12/2/13	16:00				1							1			1						3	3	6	1		
3/6/14	14:00			1	1				1								3/6/14	14:45				1							1									0	6	6	1		
3/14/14	N/A	1				1			1								3/14/14	14:56				1							1			1						1	0	0	1		
3/21/14	8:17			1	1								1				3/21/14	14:00						1					1				1					0	18	18			
3/25/14	12:30	1				1		1			1						3/27/14	15:00	1				1						1								2	0	2	1			
4/10/14	N/A			1		1			1								4/10/14	12:49			1								1	1								1	0	0	1		
5/1/14	19:08	1				1									1		5/2/14	9:23											1	1								1	2	2	1		
5/14/14	15:11			1	1						1						5/14/14	15:11				1							1			1						0	1	1	1		
6/27/14	10:02			1		1							1				6/27/14	10:02						1					1			1						0	0	0	1		

Summary Discharge Information	
Number of discharges reported	26
Number of discharges reaching storm drains and/or receiving waters	16
Number of discharges resolved in a timely manner	24
Percentage of discharges resolved in a timely manner	92%

		Summary of Types of Pollutants Discharged										Total
		Washwater	Sewage	Const. Mat.	Vehicle Fluids	Food Wastes	Paint	Sed./Silt	Ind. Wastes	Litter/Debris	Other	Total
Number		4	1	5	9	4	1	2	0	0	3	29
Percentage		14%	3%	17%	31%	14%	3%	7%	0%	0%	10%	100

		Summary of Sources of Complaints				Total
		Public	Another Public Agency	Own Public Agency	Total	
Number		9	0	15	24	
Percentage		38%	0%	63%	100	

## **ATTACHMENT 4**

### **C.7 - Citizen Involvement Events**

**Attachment C.7 - Watershed Stewardship Collaborative Efforts & Citizen Involvement Events**

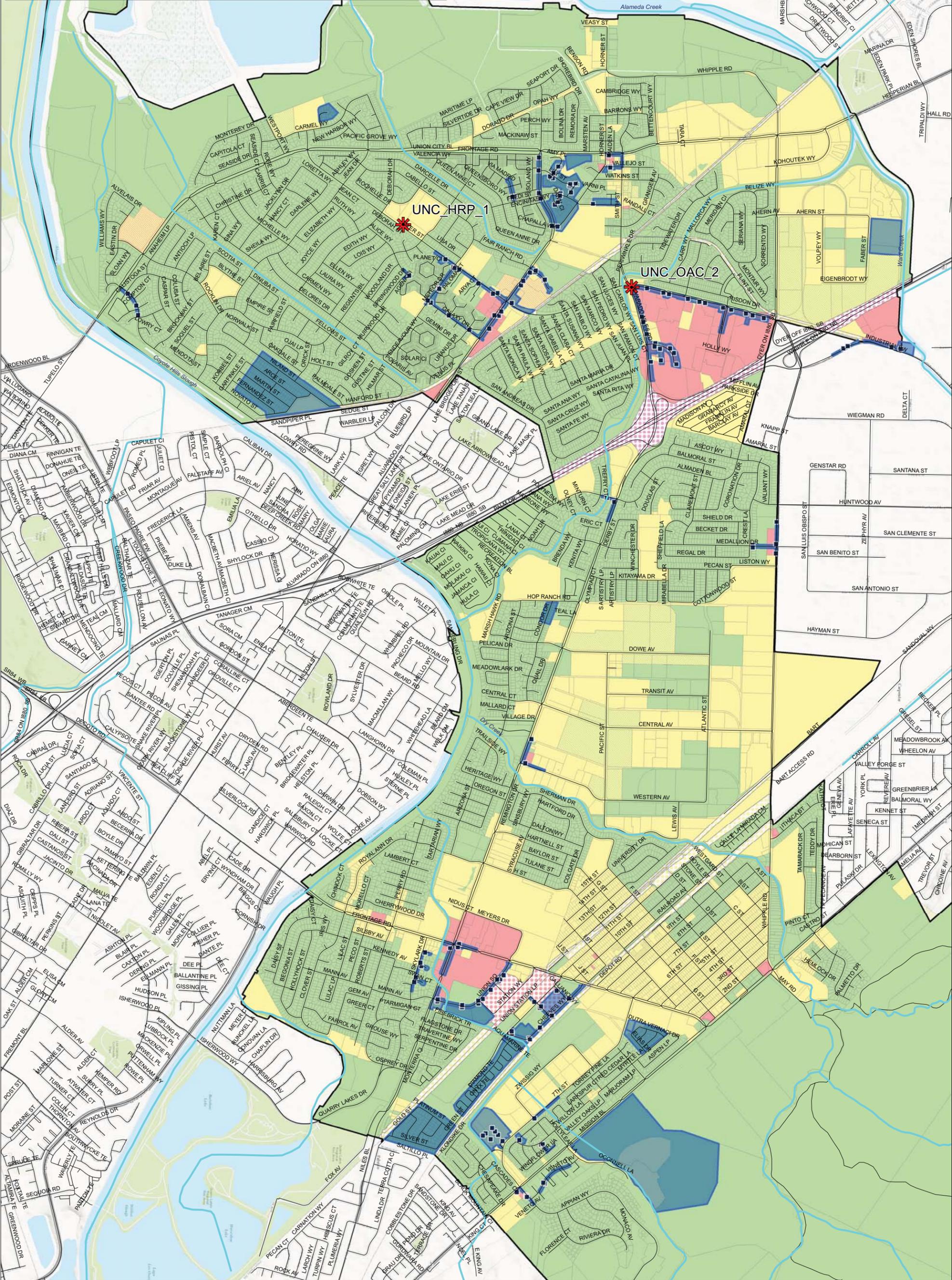
Clean Water Report FY 13-14

<b>Date</b>	<b>Location</b>	<b>Participants</b>	<b>Details</b>	<b>No. of Volunteers</b>	<b>No. of Staff</b>	<b>Garbage Collected</b>
7/13	Contempo Park	Brian Wang B.O.A.	32 trees planted	8	2	45 lbs.
8/13	Union City Blvd./ Fremont border	Michael B.O.A	50 trees planted/51 yds/drip irr.	15	2	65 lbs.
8/13	Union City Blvd./Dyer Street	Nathan Ng	32 trees planted	20	2	90 lbs.
8/13	Sea Breeze Park	Patrick O'Sullivan	Planted 20 trees	20	2	78 lbs.
10/13	UCB/Jean	Make a Difference Day	Planted 23 trees	20	2	37 lbs.
10/13	Holly Community Center	Rahul Makhijani Troop 176	Planted 40 trees	15	2	48 lbs.
10/13	William Cann Civic Center Park	Make a Difference Day	Planted 23 trees	60	2	79 lbs.
10/13	Drigon Dog Park	American High School	Planted 57 trees	15	2	56 lbs.
10/13	Appian Way Median	Make a Difference Day	Planted 56 trees	15	5	45 lbs.
12/13	Seven Hills Park	staff	Planted 10 trees	4	4	35 lbs.
1/14	William Cann Civic Center Park	MLK Day of Service JLH/ACRCD	picked up litter	10	0	160 lbs.
4/14	Washington Hospital Earth Day	gave away 400 seedlings	clean water poster give aways	1	2	0
4/14	Seven Hills Park The Church of Jesus Christ of Latter-Day Saints	B.O.A Troop# 110 Dhillon Adarsh	Planted 281 native trees	75	4	125 lbs.
5/14	Seven Hills Park	B.O.A Troop# 132 Ishan Gupta	Planted 200 native shrubs	25	2	80 lbs.
6/14	San Andreas Park	B.O.A Troop#132 Akhil Dua	Planted 35 native trees	22	2	75 lbs.

## **ATTACHMENT 5**

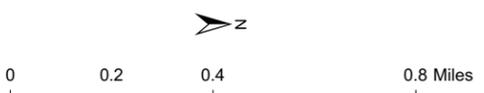
### **C.10 - Full Trash Capture Map**

# City of Union City DRAFT Full Trash Capture Map



**Legend**

<span style="display:inline-block; width:15px; height:15px; background-color:#90EE90; border:1px solid black;"></span> Low	<span style="display:inline-block; width:15px; height:15px; background-color:#FF0000; border:1px solid black;"></span> Creek/Shoreline Hotspot	<span style="display:inline-block; width:15px; border-bottom:1px solid black;"></span> Streets
<span style="display:inline-block; width:15px; height:15px; background-color:#FFFF00; border:1px solid black;"></span> Low/Medium	<span style="display:inline-block; width:15px; height:15px; background-color:#0000FF; border:1px solid black;"></span> Full-Capture Location	<span style="display:inline-block; width:15px; border-bottom:1px solid black;"></span> Agency Boundary
<span style="display:inline-block; width:15px; height:15px; background-color:#FFD700; border:1px solid black;"></span> Medium	<span style="display:inline-block; width:15px; height:15px; background-color:#0000FF; border:1px solid black;"></span> Full Trash Capture	<span style="display:inline-block; width:15px; border-bottom:1px solid black;"></span> Creeks
<span style="display:inline-block; width:15px; height:15px; background-color:#FFA500; border:1px solid black;"></span> Medium/High	<span style="display:inline-block; width:15px; height:15px; border:1px dotted black;"></span> Non-Jurisdictional (Dot color = Generation Category)	<span style="display:inline-block; width:15px; border-bottom:1px solid black;"></span> Parcel Boundary
<span style="display:inline-block; width:15px; height:15px; background-color:#FF0000; border:1px solid black;"></span> High		
<span style="display:inline-block; width:15px; height:15px; background-color:#FF69B4; border:1px solid black;"></span> High/Very High		
<span style="display:inline-block; width:15px; height:15px; background-color:#FF69B4; border:1px solid black;"></span> Very High		



**Data Sources:**  
 Roads: Alameda County  
 City Boundaries: Alameda County  
 Background: ESRI World Topographic Map

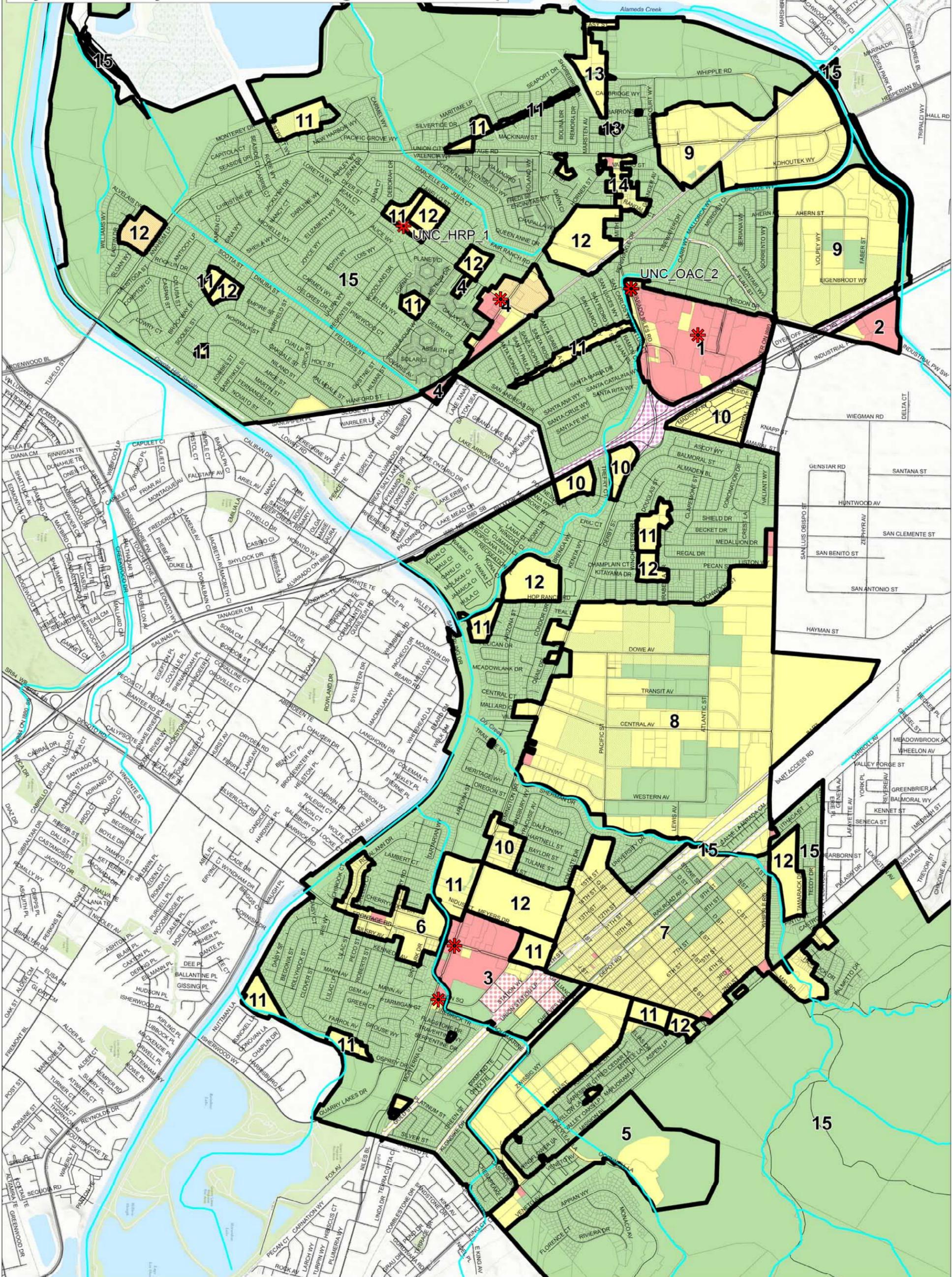
**Map Created By:**  
 EOA, Inc.

**Date:**  
 September 5th, 2013

## **ATTACHMENT 6**

### **C.10 - Trash Management Areas Map**

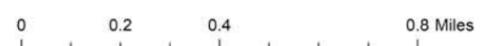
# City of Union City DRAFT Trash Management Areas Map



**Legend**

**Trash Generation Category**

- Low
- Low/Medium
- Medium
- Medium/High
- High
- High/Very High
- \* Creek/Shoreline Hotspot
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)
- Streets
- Agency Boundary
- Creeks
- Parcel Boundary



**Data Sources:**  
 Roads: Alameda County  
 City Boundaries: Alameda County  
 Background: ESRI World Topographic Map

**Map Created By:**  
 EOA, Inc.

**Date:**  
 September 5th, 2013

## **ATTACHMENT 7**

### **C.10.d - Additional Trash Reduction Action Details**

**Attachment C.10.d – Additional Trash Reduction Actions Details**

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation	Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Curbside Recycling Programs	1989	Weekly servicing of residential households. Single stream recycling implemented in 2005.	598 tons recyclables collected from residential customers in 2013.	Metal, plastic and glass containers, mixed paper, newspaper, cardboard, and other common recyclables.
Education and Outreach Efforts	7/2005	Quarterly newsletter distributed to all residential and commercial customers promoting solid waste reduction and recycling efforts. Additional outreach efforts include community presentations, special direct mailings, recycling website, new program implementation.	Union City achieves equivalent of 78% waste diversion in 2013.	Common recyclables, e-waste, household hazardous waste, Household batteries, organics
Free trash pickup/Drop off days	7/2005 (new MSW collection contract). Service existed prior to '05.	Single family households eligible for two free bulky item collections per year.	758 tons bulky items collected from residential customers in 2013.	Furniture, large appliances, tires, other large items.
	7/2005	E-waste drop off facility established at Tri-CED facility in Union City.	47,122 lbs e-waste collected in 2013 by Tri-CED.	TVs, computer monitors, hard drives, copy machines and other electronics.
County HHW programs	7/2/2008	HHW facility opens at transfer station in Fremont. Available to Union City residents.	In 2013, Union City residents used the Fremont HHW program 1193 times	Pesticides, paints, automotive batteries, used oil, fluorescent lightbulbs
Solid Waste Recycling Efforts	7/05	Food Scraps accepted as part of residential curbside organics collection program, which is increased to weekly servicing of carts.	8,077 tons of residential organics/food scraps collected in 2013.	Food scraps and other compostables.
	9/10	Commercial organics recycling program started in 9/09	50+ commercial organics collection customers recruited by 2013. Commercial food waste generated in 2013: 1,161 tons.	Restaurant and business food scraps and food soiled paper products.
Source Controls/Bans/Prohibitions	3/2009	Plant Debris Ban. Alameda County ban prohibits disposal of plant debris in county landfills. Plant debris includes		Plant debris includes grass, leaves, shrubbery, vines and tree branches. Must be separated from all garbage and

	2012  2013	grass, leaves, shrubbery, vines and tree branches.  Mandatory Commercial and Recycling Ordinance effective 7/2012  County ban on single use bags implemented 1/2013.		deposited in organics cart or disposal facility's designated "clean green" area.
Battery and Cell Phone Recycling	2008	Curbside collection of batteries of cell phones implemented.  Battery recycling centers established at City Hall and all community centers.	3 tons batteries collected by Tri-CED.	Batteries and cell phones