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Alameda County Flood
Control and Water
Conservation District
Zone 7 Water Agency

CITY OF UNION CITY

FISCAL YEAR

2012-2013

ANNUAL REPORT OF
STORMWATER PROGRAM
IMPLEMENTATION

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

September 16, 2013



34009 ALVARADO-NILES ROAD
UNION CITY, CALIFORNIA 94587
(510) 471-3232

September 16, 2013

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 2012-2013,
NPDES Permit No. CAS612008

Dear Mr. Wolfe,

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

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Sincerely,

Mintze Cheng, PE
Public Works Director

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3. Attachment C.4.b.iii.(2) - Facilities Scheduled for Inspection (FY 2013-14)
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7. Attachment C.5.f.iii.3 - Door Hanger
8. Attachment C.5.f.iii.4 2012-13 - Stormwater complaint discharge tracking form
9. Attachment C.7 - Citizen Involvement Events
10. Attachment C.10 - Full Trash Capture Map
11. Attachment C.10 - Trash Management Areas Map
12. Attachment C.11 - Recycling

Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Union City		
Population:	71763*		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July 2012 through June 2013		
Name of the Responsible Authority:	Mintze Cheng	Title:	Public Works Director
Mailing Address:	34009 Alvarado-Niles Road		
City:	Union City	Zip Code:	94587
		County:	Alameda
Telephone Number:	510-675-5305	Fax Number:	510-489-9468
E-mail Address:	mintzec@ci.union-city.ca.us		
Name of the Designated Stormwater Management Program Contact (if different from above):	Thomas Ruark	Title:	City Engineer
Department:	Public Works – Engineering		
Mailing Address:	34009 Alvarado-Niles Road		
City:	Union City	Zip Code:	94587
		County:	Alameda
Telephone Number:	510-579-5301	Fax Number:	510-489-9468
E-mail Address:	thomasr@ci.union-city.ca.us		

*Source –US Census Bureau -2012 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 Countywide Program's FY 12/13 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 FY12/13 Annual Report Program highlights for specific information. In addition, the City conducted the following Community Outreach programs: Clean Water and Recycle Used Oil Booth at Earth Day, a presentation on Public Works Day at Guy Emanuel Elementary School, distribution of over 500 reusable shopping bags, and added Clean Water advertisements to 16 of 18 City of Union City Transit buses. The Clean Water advertisements within buses target the large number of students who ride these buses. These bus advertisements were featured on Clean Water Program Alameda County's Facebook page, posted on April 17 2013, at 3PM. 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.

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

Comments:

All street repair companies contracted by the City are required to submit a Stormwater Pollution Prevention Plan and protect storm drains. PW Streets Department staff attended the Alameda County Clean Water workshop on 2/20/13 and the Graniterock Contractors EXPO on 2/22/13 for familiarity with the clean water program, newest and most current BMP's, networking, etc.

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:

All PW employees who clean bus shelters and etc. were given the pamphlet of "Pollution from Surface Cleaning" from BASMAA. Morning briefing was used to discuss the cleaning and disposal requirements while performing bus shelter power wash/cleaning work. 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
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Y	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

The City incorporated all BMPs during the construction of the seismic retrofit of the Whipple Road Overhead over the BART Tracks. Project was accepted by City Council in February 2013.

C.2.d. ► Stormwater Pump Stations					
Does your municipality own stormwater pump stations:		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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 ¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.					
Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data		
	Date	mg/L	Date	mg/L	
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.					

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

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

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

² 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 Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: 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	6/28/13	All inspection items are in compliance	None
Union City Maintenance Facility	10/31/12	All inspection items are in compliance	None
Union City Maintenance Facility	9/11/12	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 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

Decoto Green Street Project (C Street from 5th to 9th St.) is Union City's first pilot project and is currently under design. The first Community Outreach meeting took place in May 2013. The City Council awarded the design contract to Bellecci & Associates in February 2013 in the amount of \$230,000. The 35% plans submitted to the City are currently being reviewed and the project is scheduled to go to bid in early 2014. The \$724,000 in Proposition 84 grant will be matched by City's contribution of \$635,000 to complete this project which will be maintained by the City. As many of the existing mature trees will be maintained as feasible. In addition, new street trees and other native landscaping will be planted along the entire length of C street to decrease Urban Heat Island Effect, water retention and purification. The score from the Bay-Friendly Landscaping Scorecard will be obtained following the completion of the project and can be provided upon request.

For a second Green Streets Project, the City also applied for and received \$3 Million in Proposition 84 Storm Water Grant Program grant from the State Water Resources Control Board to implement similar improvements via the South Decoto Green Streets Project. At its meeting of August 27, 2013, City Council appropriated the \$3 Million grant funds as well as \$1 Million as City's matching contribution for a total project budget of \$4,000. In addition, the City Council also awarded the design contract in the amount of \$548,990 to Bellecci & Associates who will begin the initial design work shortly.

C.3.b.v.(2)(c) ▶ Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:

As indicated above, the City of Union City has not completed a Green Street Project as of January 1, 2013.

BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

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

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

One regulated project, Hampton Inn, was approved on August 28, 2012 (FY 2012-13). Details for this project are in the **C.3.b.v.(1) Reporting Table**.

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.?

	Yes	X	No
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Comments (optional):

Any regulated project that is unable to meet all LID treatment on-site due to site-specific constraints will have the option to meet compliance via alternative compliance provisions of C.3.e.

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)?		Yes	X	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		Yes	X	No

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 has been and will be continued 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 the City 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:

Union City finds the O&M program to be effective by ensuring stormwater treatment systems are inspected and cleaned when necessary. Under this direction, stormwater treatment systems are inspected and have reports generated for the City to comply with the O&M Program. For privately-owned stormwater treatment units, initial inspections are performed by City staff who reports his findings to the Engineering Department.

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

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

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 Co-permittees. We are using the BASMAA site design fact sheets for C.3.i implementation. 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 dry wells to maximize infiltration of storm water prior to discharging to the paved public areas or to the storm drain system.

³ 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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Hampton Inn	31140 Alvarado-Niles Rd (East of Smith/Dyer Intersection)	Lotus Hotels	NA	New 4-story, 90-room hotel	Alameda Creek	1.08	1.06	17,780	19,241	19,241	37,021
Public Projects											
East Plaza & Transit Loop Road	11 th St. (East of Decoto Rd)	Union City	NA	Public plaza with water fountains, sculptures, hardscape and landscape, etc.	Alameda Creek	4.1	4.1	51,793	0	0	51,793
Promenade & Playground	11 th St. (East of Decoto, directly across from East Plaza)	Union City	NA	Public Promenade with hardscape, play equipment, benches, walkways and landscaping, etc.	Alameda Creek	1.1	1.1	24,437	0	0	24,437
Comments: Additional information provided upon request.											

¹⁰ Include cross streets

¹¹ 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".

¹² 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.

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

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

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

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

¹⁷ 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 ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
Hampton Inn	5/14/2012	8/28/2012	Trash areas, stenciling	Direct downspouts to vegetated areas, micro-detention areas	Bioretention/biofiltration areas	O&M agreement with private owner	2c	No Alternative Compliance of off-site location or payment of in-lieu fees was proposed or required.	A third party was not used to certify compliance with C.3.d	HM Controls not required – project creates less than 1 acre of total impervious surface.
<p>Comments:</p> <p>Additional information provided upon request.</p>										

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

¹⁹ 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.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ 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).

²⁵ 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.

²⁶ 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.

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

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

²⁹ 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 (public projects)

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
East Plaza & Transit Loop Road	3/28/11	9/12/11	Stenciling	Minimize impervious areas	Bio-retention facilities	City personnel maintain this facility as part of their on-going Stormwater maintenance effort.	2c	No Alternative Compliance Measures required.	NA	Bio-retention
Promenade & Playground	3/28/11	11/2/11	Efficient Landscaping	Minimize impervious areas	Bio-retention facilities	City personnel maintain this facility as part of their on-going Stormwater maintenance effort.	2c	No Alternative Compliance Measures required.	NA	HM Controls not required – project creates less than 1 acre of total impervious surface.
Comments: N/A										

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

³¹ 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.

³² 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.

³³ 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.).

³⁴ 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.

³⁵ 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).

³⁶ 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.

³⁷ 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.

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

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

⁴⁰ 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) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
Pacific Pointe – Tract 7405	1169 Platinum	NO	City	6/4/13	Scheduled	UTD – CDS 3030	No issues. Found bottles and leaves.	Cleaned	Est. ½ CY material
11 th Street Extension	11 th St/Aquamarine	NO	City	6/4/13	Scheduled	UTD – CDS 4030	No issues. Found plastic bags and bottles.	Cleaned	Est. 1.5 CY material
Ivywood – Subdivision 7369	32108 Condor Dr	NO	City	6/4/13	Scheduled	UTD – CDS 2020	No issues. Found leaves and bottles.	Cleaned	Est. 1/8 CY material
UC Sports Center	31224 Union City Blvd	NO	City	6/3/13	Scheduled	UTD – Stormceptor 450i	No issues. Found leaves.	Cleaned	0 CY of material
Talavera – Tract 7601	32811 Orick St	NO	City	6/6/13	Scheduled	UTD – CDS 4040	No issues. Found bottles and floatables/silt.	Cleaned	Est. 2 CY of material/water
Tract 7393	34199 Governo Dr	NO	City	6/5/13	Scheduled	UTD – CDS 2020	No issues. Found bottles and balls (from nearby park).	Cleaned	Est. 1 CY of material
UC Fire Station #33 (was #3)	22942 Seventh St	NO	City	6/5/13	Scheduled	UTD – CDS MFS Model 72MH	No issues. Found silt.	Cleaned	0 CY of material
Sea Breeze Park	Del Monte Court/Carmel Wy	NO	City	6/10/13	Scheduled	Pond	No issues. Clean.	Inspected	None
Line M Detention Basin	35902 Green St	NO	City	6/10/13	Scheduled	Dry Pond	No issues. Clean.	Inspected	None
Intersection by Mid-Pen	11 th St/Cheeves Wy	NO	City	6/5/13	Scheduled	UTD – CDS 4030	No issues. Found leaves and bottles.	Cleaned	Est. 1.5 CY of material
East Plaza & Transit Loop Road	11 th St. (East of Decoto Rd)	YES	City	11/5/12	45-day	Bio-retention facility	Proper Installation	None	Continue follow-up inspections in the future to ensure proper maintenance

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

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

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

⁴⁴ 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.

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

⁴⁶ 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)⁴¹	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
Promenade & Playground	11 th St. (East of Decoto	YES	City	8/24/12	45-day	Bio-retention facility	Proper installation	None	Continue follow-up inspections in the future to ensure proper maintenance
Acacia Creek	34400 Mission Blvd	NO	Private/Masonic Homes	6/10/13	Scheduled	UTD – CDS Media Filtration	Cleaning needed.	Inspected	Cleaning needed
1424 Union Square	1424 Mission Blvd	NO	Private/Avalon Bay	6/10/13	Scheduled	UTD – CDS Vegetated Swales	No issues. Clean.	Inspected	None
99 Ranch Market	2931 Faber St	NO	Private/Welcome Market	6/10/13	Scheduled	UTD – Hydro international Up-Flo Filter	No issues. Clean.	Inspected	None
Mid-Pen Housing	Mid-Pen Housing	NO	Private/Mid-Pen Housing Coalition	6/10/13	Scheduled	UTD – StormTech SC - 740	Cleaning needed.	Inspected	None
Mid-Pen Housing	Mid-Pen Housing	NO	Private/Mid-Pen Housing Coalition	5/24/13	Scheduled	Bio-retention swale	Properly maintained	None	Continue follow-up inspections in the future to ensure proper maintenance
33233 Central Avenue	GCM	YES	Private/MKM Central, LLC	5/30/13	Follow-up	Bioswale	Bark placed.	Inspected	None

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

Reporting Period – January 1 – June 30, 2013

Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
N/A – No Special Projects permitted this FY.												

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

⁴⁸ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

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

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

⁵¹ 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.

⁵² List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁵³ 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 Controls, of the Countywide Program's FY 12/13 Annual Report for a summary of Program activities undertaken at the county and regional level.

During the 2012/2013 fiscal year, the Union City Clean Water Program's priority for Industrial and Commercial sites was to identify and inspect food service facilities. We worked closely with Union Sanitary District (USD) staff to identify the population of food facilities in Union City, and performed inspections at 69 food service facilities. Many of these were not previously in our database of sites reasonably expected to cause or contribute to stormwater pollution and were inspected for first time this year. We plan to continue this process over the next reporting period, with the goal of doing initial inspections of all food service facilities by the end of FY 2013/2014. We are also expanding our coverage to commercial businesses not previously inspected for Clean Water BMPs.

Overall facility inspections increased to 165, from 101 in the previous reporting period. At least 55 restaurants 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 (IIDC) subcommittee in this process.

All of the known Notice of Intent (NOI) sites were inspected during the 2012/2013 period.

We have been receiving more referrals from the USD staff on both industrial and commercial concerns and illicit discharges. We are encouraged by this intra-agency cooperation and expect this to increase the number of recorded discharges identified and abated in the future. The City's Developmental Review Committee, which meets weekly to streamline the submission and review of new development and construction projects, now routinely refers plans to USD for review. As a result larger grease interceptors and oil/water separators are being installed, and the improved intra-agency communication is resulting in more interceptors being installed overall. USD has noted a problem with some food facilities putting soap into the grease interceptors to make the waste flow and reduce the number of pump-outs, which reduces the effectiveness of these systems and leads to overflows. During our inspections we are emphasizing the need to avoid soap and to pump out more frequently to avoid overflows.

We are working more closely than ever 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. One restaurant, Pho Pasteur, was referred to the City by USD for having an active sewage leak; City staff investigated and found a potential discharge threat. The facility was referred to the health department and as a result the business was forced to close until the required repairs were made. A follow-up stormwater inspection found the site conditions to be much improved. 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 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 two known sites within Union City during the 2013/2014 period. These sites have not previously been a focus of clean water outreach in Union City.

It is our intention also to do outreach to mobile pushcart food vendors. And we have identified approximately 18 community and public swimming pools that have not received Clean Water inspections. We will inspect at least 50% of these in the coming reporting period and the remainder no later than the end of the 2014/2015 period. We are working closely with the Union City Leisure Services Department, and will be establishing better communications with the Alameda County Health Department's swimming pool regulators in this effort.

We are developing policies and BMP guidance on plastic nurdles and galvanized metals through the Industrial and illicit discharge subcommittee.

Union City clean water staff attended and actively participated in all the IIDC meetings held during FY 2012/2013. A primary focus of the IIDC subcommittee this year was on developing and improving BMP outreach materials on pet grooming, carpet cleaning, and pools and spas. Effective follow-up was identified as a training priority for future training events to be conducted later in the year. ACCWP training for stormwater inspectors is scheduled for the Fall of 2013.

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 2013/2014 reporting period.

C.4.b.i. ► Business Inspection Plan

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

If No, explain: Yes, we have a BIP.

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 (2013-14)** for the updated list of industrial and commercial facilities reasonably considered to cause or contribute to stormwater runoff pollution, excluding food service facilities. Refer to **Attachment C.4.b.iii.(1) – Potential Facilities List of Food Service Facilities** for the separate list of Union City food service facilities reasonably considered to cause or contribute to stormwater runoff pollution.

These lists will be combined into a single Potential Facilities List for the FY 2013-2014 Annual Report.

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 2013-14)** for the list of facilities scheduled for inspection during the 2013-2014 fiscal year, excluding food service facilities. Refer to **Attachment C.4.b.iii.(2) – List of Food Service Facilities Scheduled for Inspection (FY 2013/14)** for the separate list of Union City food service facilities scheduled for stormwater inspection during the 2013/2014 fiscal year.

These lists will be combined into a single list for the FY 2013-2014 Annual Report.

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	165	
Total number of inspections conducted	172	
Number of violations (excluding verbal warnings)	9	
Sites inspected in violation	9	5
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	7	78

Comments: *Note: of two violations that weren't resolved within 10 days

The result for the 'Sites inspected in violation' is derived from the total number of businesses inspected and found to have violations (9), divided by the total number of sites inspected (165), resulting in a rate of 5%. An inspection report with a required action to correct an observed deficiency is included in this calculation.

*One facility, Macy's Logistics, was found to have a discharge consisting of paper scraps at the fence line and confirmation of satisfactory correction was not documented for 17 days. Partial correction was observed to have been implemented within a few days and before a rain event, but complete correction was not documented until 17 days after the initial inspection. Facility representatives reported that actual correction occurred a few days before the follow-up inspection documented complete correction.

*Another facility, Wingstop #293, was given a written warning and instructed to clean-up a trash bin and perform general housekeeping. It was later determined that the property owner was responsible for the condition of this area, not the business. Due to communication difficulties and scheduling problems with the property owner, the re-inspection was delayed approximately 40 days. Clean-up was excellent and the unsatisfactory condition fully abated upon re-inspection. The property owner reported that clean-up was completed some weeks prior to the re-inspection, but abatement of the problem was not documented until the re-inspection.

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) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1	Verbal Warning/Warning Notice/Education	3	33
Level 2	Notice of Violation	6	67
Level 3	Formal Enforcement (Administrative Penalties, Cost Recovery)	0	0
Level 4	Legal Action and/or Referral to State and Federal Agencies	0	0
Total		9	100

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

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

Business Category ⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Notice of Intent (NOI) Filers	0	0
Community/Commercial Pools	0	0
Enforcement Re-inspection	0	0
Pretreatment Permitted Facilities	0	0
Vehicle Service Facilities	0	0

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

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

⁵⁰ List your Program's standard business categories.

Food Service Facilities	0	3
Horse Boarding Facilities	0	0
Retail Gas Outlets	0	0
Warehouse and Distribution Facilities	3	0
Manufacturing Facilities	0	0
Cement and Asphalt Batch Plants	0	0
Corporation Yards	0	0
Retail Facilities	1	0
Other Commercial Facilities	2	0

C.4.c.iii.(4) ► Non-Filers

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

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

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Stormwater Business Inspectors Workshop: Recognizing and Responding to Illicit Discharges	November 15, 2012	<ul style="list-style-type: none"> ▪MRP requirements for recognizing, responding to, abating and following up on illicit discharges ▪Commercial/Industrial inspections for illicit discharges/BMPs to minimize discharges ▪Mobile food truck inspections ▪PCB-containing equipment identification ▪Coordinating with the District Attorney's office ▪State Industrial Permit update 	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 Countywide Program's FY 12/13 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 believe 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 2013 industrial and illicit discharge inspector training offered by the Countywide program in the Fall of 2013, bringing the number of trained Union City clean water responders from 5 to 7.

Communication between the City departments has improved significantly from previous years, attributable to increased training of staff and new personnel hired in the past two years.

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. This year the City developed a door hanger for use where a responsible party cannot be identified. This was used in several residential discharges during the reporting period and resulted in responsible parties being identified (in one case the dumper contacted the City and in another a neighbor provided information leading to the identification of the responsible party). Follow-up outreach and dissemination of BMP literature occurred in both cases. The door hanger is included in this report as **Attachment C.5.f.iii.(3) – Door Hanger**.

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.

Union City staff from Public Works and Environmental Programs attended all five of the IIDC subcommittee meetings in FY 2012/2013.

(continued)

This year we developed a handout on used oil and oil filter disposal, included as **Attachment C.5 – Used Oil**. The handout is available to the public in the City Hall lobby and is distributed at outreach events. We also created a handout on recycling electronic devices, fluorescent bulbs and batteries, included as **Attachment C.5 – Recycling Flyer**. It is the City's desire to minimize dumping of these materials and the resulting discharges, which is an ongoing educational outreach effort. In the next reporting period we expect to refine the existing informational handout on managing wastes generated from cleaning and treating architectural copper in accordance with Provision C.13a, and create a flyer on proper disposal of pharmaceutical wastes. We are currently working with Union Sanitary District and its partners on this effort. 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 copper and lead materials in roofing.

The City website was revised this year, and increased prominence was given to stormwater best management practices and complaint reporting. Both the Public Works pages and the Environmental Programs site provide information to residents and businesses on Clean Water issues, with links to BASMAA, CASQA, the Alameda Countywide Clean Water Program (ACCWP), Union Sanitary District and the Alameda County Water District.

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.

City staff participated in five outreach events where educational materials were provided, and senior staff of the Union City Clean Water Program was available to answer questions and respond to concerns.

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 Woks Main Line	To report possible spill, discharge or release	(510) 675-5308
Police Department Dispatch	To report possible spill, discharge or release	(510) 675-5230
Environmental Programs Manager	To report possible spill, release or discharge	(510) 675-5358
City Website email complaint service	To report any environmental hazard or concern by email	environmental@unioncity.org

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

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

Description:

See Section C.5 Illicit Discharge Detection and Elimination of the Countywide Program's FY 12/13 Annual Report for a summary of Program

(continued)

activities involving mobile businesses. Union City staff members are active participants in the Industrial and Illicit Discharge subcommittee of the Countywide Clean Water Program. For the 2013/2014 period we plan to conduct outreach of mobile businesses utilizing the industry-specific BMP handouts developed through the countywide IIDC subcommittee.

During this reporting period the subcommittee finalized 'Tip Sheet' handouts on mobile businesses and pools, spas and fountains. The focus of both is to clearly explain the detrimental effects of discharges to the storm drain system – for example, that even small amounts of chlorinated water may kill aquatic life – and to provide step-by-step instructions on how to manage these wastewaters appropriately. A Tip Sheet on managing fire sprinkler discharges is still in development, after being brought to the attention of the subcommittee by Union City last year. Possible future activities include transcribing approved handouts into languages other than English.

Our enforcement strategy for mobile businesses is to first, develop targeted handouts addressing the specific activities that represent the greatest potential for discharge; second, to identify the population of mobile businesses, both those located within Union City and those that come in from other jurisdictions; third, to make contact with these operators and educate them on the requirements; and fourth, to take graduated enforcement actions. We plan to start by providing guidance and handouts at the Farmers' Markets and outreach events. The goal is to promote simple changes to these operations and maintenance activities to comply with Clean Water requirements.

In response to concerns from the local high school, in 2013/2014 we will be engaging in outreach to mobile push cart vendors, to reduce the amount of trash generated in the vicinity of the school. We promote the BASMAA and CASQA standards, both to businesses (through complaint responses, comments on business license applications, and routine inspections) and we promptly respond to referrals and complaints.

Union City does not typically utilize contractors for surface cleaning, instead relying on trained City staff with close supervision for surface cleaning activities. In the 2013/2014 period we plan to establish purchase orders with one or more on-call mobile surface cleaners for emergencies and these will be BASMAA-certified surface cleaners.

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 vector 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. We will be modifying our inspection sheets and debris evaluation method to be able to better document trash load reduction.

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

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	25	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	8	32
Discharges resolved in a timely manner (C.5.f.iii.(3))	25	100

Comments:

All discharge reports presented in the **Attachment C.5.f.iii.(4) - Complaint/Spill/Discharge Tracking Spreadsheet** table were substantiated. Complaints alleging a discharge that could not be identified in the field were followed-up with the reporting party where contact information on the reporting party was available; if no discharge was found upon a second investigation, the report was noted for reference but not included in the table. Discharges that were located and prevented from reaching storm drains and receiving waters are included in the table.

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) - Complaint/Spill/Discharge Tracking Spreadsheet**, for the details of the 2012/2013 illicit discharge complaints and responses.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
0	4	45
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"> - GCM – 6 - Hampton Inn – 7 - East Plaza & Transit Loop Road – 17 - Promenade & Playground Project - 15 		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵¹ excluding Verbal Warnings	% of Total Violations⁵²
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	0	0
Active Treatment Systems	0	0
Good Site Management	3	100
Non Stormwater Management	0	0
Total⁵³	3	100%

⁵¹ 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.

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

⁵³ 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

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

C.6.e.iii.1.f, g ► Illicit Discharges

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

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

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

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

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	3	100% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹	3	100%
Comments: Additional information provided upon request.		

C.6.e.iii.(2) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
<p>Description:</p> <p>Our inspectors and contractors are doing a better job of monitoring and keeping BMPs well maintained. Out of the 45 inspections performed on two private regulated sites during this reporting period, only one inspection report indicated issuance of a verbal notice to bring the BMP up to the standard. On the two public regulated projects, one verbal notice to each of the two contractors was sufficient to bring the BMPs into compliance.</p>

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
<p>Description:</p> <p><u>Evaluation of City's Construction Inspection Program:</u> 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.</p> <p><u>Efforts that our City has made in FY 12-13 to conform to MRP requirements,</u> include 1) continued use of revised Stormwater construction inspection forms, including for City's Corporation Yard and to document maintenance efforts for existing CDS units, 2) continued reminders regarding water</p>

⁵⁷ 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.

⁵⁸ 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.

⁵⁹ 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.

(continued)

quality issued for the various projects as well as training to inspectors, 3) continued reminders and emphasis to utilize most updated inspection forms when feasible; and 4) continued participation in the countywide program's committee meetings and workgroups, etc.

In addition, as of August 2012, Union City has two Qualified SWPPP Developer (QSD) on staff.

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	Review of Provision C.6 Requirements How the State Construction General Permit Relates to the MRP Proper Use of Construction BMPs Review of Inspection Tools Enforcement Options	2	100

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

C.7.a ► Storm Drain Inlet Marking (existing storm drains)

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary: PW Streets Department has been inspecting storm drain inlets and updating all inspected inlets with "No Dumping Drains to Bay" marking buttons. Public Works is in the process of building a citywide inventory of all storm drain inlets as storm drain inlets are inspected. Of all the storm drain inlets inspected in the past years, an estimated 60% of the storm drain inlets with markings that were inspected were maintained as legible.

Estimated annual percentage of "No Dumping Drains to Bay" marked storm drain inlets that were inspected and maintained as legible:
2011-12: 40%
2012-13: 100%

C.7.a ► Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary:

All private projects that consist of new privately-maintained streets and inlets are required to mark and maintain stencil markings. Inspectors are required to inspect any new streets to ensure project developers are in compliance. There have been no newly-constructed, privately-maintained streets in the last few years.

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 Countywide Program's FY 12/13 Annual Report for a summary of Program activities.

The following separate report, BASMAA Be the Street Campaign Report, developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign.

C.7.b.iii.1 ▶ Pre-Campaign Survey

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

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report. A copy of the pre-campaign survey for the countywide Program's outreach efforts is included in the Program's FY 12/13 Annual Report.

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

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal: Alameda Countywide Clean Water Program FY 12-13 Annual Report

C.7.c ▶ Media Relations

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 12-13:

- BASMAA Media Relations Final Report FY 12-13

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 12-13 Annual Report.

(continued)

In addition to the Regional Relation Effort, Union City also has Used Oil Program ads placed on paratransit buses, in the Union City Patch newspaper, as well as the Tri-Valley Yellow Pages.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

No changes.

Contact Summary: See BASMAA FY 2012/13 report on the Regional point of contact. See Clean Water Program FY 2012/13 Report for details on countywide point of contact.

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

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

C.7.e ► Public Outreach Events

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

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Stormwater Exhibit at the Alameda County Fair: July 1 through July 8, 2012 and June 19 through June 30, 2013. 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 12/13 Annual Report.
National Night Out, Aug. 7, 2012 Union City, CA 94587	Local citizens of Union City consisting of various ethnic groups and ages. Contact information for recycling of used oil and drop off location. Clean water information	Over 100 people attended. Provided brochures on "Only Water Down the Storm Drain". Non-toxic pesticides, Oil Funnels & Rags with recycling information. Several attendees

	on only "Rain Down the Storm Drain", Use of non-toxic Pesticides.	commented that their children had brought home information previously on Clean Water and that their children are very aware of only rain down the storm drain.
Science in the Park, Oct. 6, 2012 Alden Oliver Sports Park Hayward, CA	Citizens of several cities, such as Hayward, Union City, Fremont and Newark. The messages were of nutrition, health, wildlife, recycling, and global warming.	The event was well attended by approx. 2000 to 3000 people from several nearby cities. Handout over 100 clean water bags which contain informational pamphlet such as "Only Water Down the Storm Drain", "Less Toxic" products to use to get rid of unwanted bugs and insects, "The Bay Begins at Your Door", and funnels & rags with drop off locations & contact number for used oil.
Make a Difference Day, Oct. 28, 2012 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.
Earth Day, April 20, 2013 Washington Hospital Fremont, CA	Adults & Children of various ethnics. "No Dumping into Storm Drain", Recycling Facilities of used oil & hazardous waste. Earth friend products in place of toxic chemicals.	The event was well attended approx. 1000 people mainly of Fremont residents. Handout brochures on water pollution prevention, both in English & Spanish, approx. 300 – 400 funnels & rags with recycling drop off locations, pencils with clean water contact information and drought adaptable flowering seeds.

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:

Union City continues its efforts to encourage residents and participants to partake in watershed stewardship collaborative efforts. One example is City staff's active participation with The Boy Scouts of America to plant trees and utilize recycled base rock to handle drainage and utilize drip irrigation. The effort was published in the Tri-City Voice, an online newspaper serving five cities, including Union City. The publication shares the importance of trees and how trees cleanse ground water, offset heat, and other benefits. Visit the links for the full publication:

<http://www.tricityvoice.com/articlefiledisplay.php?issue=2012-08-28&file=Eagle+Scout+294P+++TCV.txt>

<http://www.tricityvoice.com/deptStoryDisplay.php?dept=CD&story=2012-11-05-200848>

See Section C.7 (Public Outreach and Involvement) of the Countywide Program's FY 12/13 Annual Report for a summary of the *Bringing Back the Natives*, and the *Bay Friendly Garden* tours that are sponsored by the Program.

See Public Outreach and Involvement section of the Alameda Countywide Clean water Program FY 12/13 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
SEE C.7 ATTACHMENT		
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	See the Countywide Program's FY 12/13 Annual Report for a summary.

	improvement/outreach projects throughout the County.	

C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Public Works Week, May 22, 2013 Guy Emanuele Jr. Elementary School Union City, CA 94587	Students grades K – 5 th . Handouts include: “No Dumping, Drains to the Bay”, “Recycle Used Oil”, “Use Less Toxic Products”, How to Prevent Water Pollution.	Approx. 750-800 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, bugs and insects,. Many students enjoyed learning about pollution prevention and the activities incorporated in the event.

C.7.i. ► Outreach to Municipal Officials

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:

The City of Union City informs the City Council Members and Planning Commissioner of any important ongoing events and major issues of the City in a weekly newsletter prepared by the City Manager’s office. All clean water activities are reported in this weekly as they occur.

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary:

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

During FY 12-13, we contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. 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 12-13 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation. **Union City does not utilize organophosphates, pyrethroids, carbaryl, or fipronil.** City staff utilized the following applicants FY 2012-13 and discontinued the use of other pesticides. Further pesticide usage reduction was possible by covering areas with mulch, wood chips, and pine needles.

Trends in Quantities and Types of Pesticides Used ⁶⁰					
Pesticide Category and Specific Pesticide Used	Amount ⁶¹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Clearly 3336 WP	-	-	-	8 ounces	
Aqua Master	N/A	N/A	96 ounces	-	
EcoSMART Wasp & Hornet Killer	N/A	N/A	192 ounces	-	
Evade	22.21 gallons	36.84 gallons	48.85 gallons	25.74 gallons	
Fumatoxin	N/A	192 grams	1920 grams	1643 grams	
Fuselade II	N/A	N/A	24 ounces	1.04 ounces	
Gastoxin	2091 grams	2304 grams	-	-	
Glysophate	N/A	36.99 gallons	-	-	
JT Eaton	-	-	-	10 lbs	
Kleanup Pro	-	-	-	24.95 gallons	
Liberate	N/A	N/A	15 ounces	206 ounces	
Prostar70 WP	-	-	-	8 ounces	
Merit 75 WP (Marathon)	N/A	96 ounces	-	-	
Ranger Pro	249.62 gallons	490.9 gallons	585.36 gallons	382.42 ounces	

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

⁶¹ 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.

Ronstar	-	-	-	25 lbs	
Safari	N/A	N/A	228 ounces	50 ounces	
Sucker-Stopper TRU	N/A	176 ounces	-	-	
The Giant Destroyer	N/A	N/A	866 ounces	-	
Turflon-Ester	440 ounces	1413 ounces	1260 ounces	100 ounces	
Wasp Freeze	105 ounces	70 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.	6
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	6
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100

C.9.d ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	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 Not attached , explain: No pesticide service providers 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 OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: During FY 12-13, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

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
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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.g. ▶ Evaluate Implementation of Source Control Actions Relating to pesticides

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

An Effectiveness Evaluation is included in Section C.9 Pesticides Toxicity Control of the Countywide Program's FY 12-13 Annual Report.

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 Program's FY 12-13 Annual Report for information on point of purchase public outreach conducted countywide and regionally. In addition, 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.

C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control **OR** reference a regional that summarizes these actions.

Summary:

See the C.9 Pesticides Toxicity Control section of the Program's FY 12-13 Annual Report for a report that evaluates outreach to residents.

Union City Grounds Department staff appreciates the in-house training related to pest management. According to staff feedback, staff benefit from the training since the training will minimize spills, prevent injuries, and better how to properly abate a pesticide spill. Union City also currently has five Bay Friendly trained professionals.

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 12-13 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report

No comments were received from water board.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture (Summary of Actions)

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, 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 over 150 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 293.28 acres. Please see the attached map showing the approximate location of all of our full treatment capture devices and the area which they serve. We are in the process of evaluating the best locations to install additional full capture devices. The City anticipates installing additional CDS units and full capture clean screen devices in the future. The number of new devices and locations is yet to be determined but will be addressed prior to the submittal of our long term plan.

Descriptions of planned action/tasks:

Union City Clean Water Program will be 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 find a 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.

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 are not pinpointed on the map, however their treatment areas are visible.
- Not all hotspots are "Creek/Shoreline Hotspots"

C.10.a.iii ► Minimum Full Trash Capture (List of Devices)

Provide a list of trash full capture devices installed to-date or planned for installation by July 1, 2014 and the land area treated by each device or group of devices. **Information below provided by EOA, Inc. Please note that this table is approximate and subject to change with accuracy improvements. 'Total Number Installed' = 147 Full TCD + 12 CDS units**

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	15.76
2	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	4	<u>3.71</u> ⁶²
3	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	26	14.66
3	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	2	6.00
4	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	13	6.30
5	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	15	12.08
5	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	96.88
8	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	4	1.72
9	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	11.19
11	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	1	2.67
12	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	1	1.78
14	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	2	1.07
15	Connector Pipe Screen	Installed	Minimum 2x/year & as-needed	60	34.05
15	Hydrodynamic Separator	Installed	Minimum 2x/year & as-needed	7	85.41
Totals				159	293.28

⁶² Includes approximately 2.35 acres in City of Hayward Trash Management Area #10.

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

Provide the volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Additionally, include a map that identifies the location(s) of trash hot spots.

Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
Alvarado-Niles RD/Dyer ST	Approx. every 6 mo.	~1 CY each time	~2 CY each time	N/A	Plastics, papers, bottles, bags, food wrappers, cups	Fast food/shopping center
Hall Ranch Park/Dyer ST	Approx. every 6 mo.	~1 CY each time	~2 CY each time	N/A	Papers, bottles, bags, food wrappers, leaves, balls	Park use, school
Union Landing Shopping Center	Approx. every 6 mo.	~1 CY each time	~2 CY each time	N/A	Food wrappers, papers, leaves, cups	Shopping center (movie theater, restaurants, cafes)
Union Square Ave	Approx. every 6 mo.	~1 CY each time	~2 CY each time	N/A	Leaves, bottles, cups, papers, food wrappers	BART station, high-density housing, fast food
Alvarado-Niles RD/Decoto ST	Approx. every 6 mo.	~1 CY each time	~2 CY each time	N/A	Leaves, bottles, papers, cups, plastic bags, food	Fast food/shopping center, gas station
Dyer ST/Alvarado BLVD	Approx. every 6 mo.	~1 CY each time	N/A	N/A	Bottles, papers, cups, leaves, food wrappers	Fast food/shopping center, restaurants, gas station

C.10.c ► Long-Term Trash Load Reduction Plan	
Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.	
Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	The City of Union City working with EOA, Inc. consultants and Alameda Clean Water Program has developed the attached trash generation map. See Attachment C.10 – Trash Management Areas Map. The map shows the high, medium and low trash generating areas of the City by colored areas. City staff has field-verified each of these locations and has confirmed through visual inspections performed the day before street sweeping was to occur that these generation rates are accurate. Photo documentation is available upon request.
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	From the trash generation map you can see that the majority of the single family residential areas generate low trash volumes. Our Commercial Retail areas generate the most trash which usually consists of plastic bags, food wrappers and related packaging, drinking cups, cigarette butts and scraps of paper. The majority of the moderate-level waste is generated from fast food restaurants, our Industrial areas, Schools, city parks, and high density residential areas. These tend to be scraps of paper, few paper cups and miscellaneous flyers that are left by sales representatives leaving information on residential doors and driveways.
3. Prioritizing trash generating areas and associated types of trash problems	Using the trash generation map as a basis we have prioritized our areas based on the amount of trash generated in each area. Our highest priority is the high trash generating areas (usually a retail center). Next we prioritized our medium areas. We believe that the low areas are sufficiently clean and our existing practices of street sweeping and twice a year inlet maintenance program combined with our jurisdiction-wide education program are sufficient for these areas.
4. Identifying and selecting trash management actions for specific management areas	To date the City has installed over 150 full trash capture devices in publicly owned inlets around our retail centers, Bart, Corporation Yard, and high density residential areas. We also have CDS units that were installed as part of high density residential areas and some commercial developments. We contribute to the public outreach program where we attend at least 4 night time activities a year such as National Night Out, Arbor Day, Make a Difference Day, Science Fair, and Public Works Day. We have also installed clean water advertisements in all 18 of the City-owned Transit Buses which serve a large percentage of students. We have also instituted the County-wide ban on plastic bags. We are currently assessing the results of these programs to see how we can enhance and strengthen our programs to reach the long term goals of the program.

<p>5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals</p>	<p>Staff will conduct visual assessments of the high and middle trash load areas after the programs have been implemented to determine if there is a visual reduction in trash. Staff will document each area with photos. The existing conditions have already been photo documented as part of the verification process of the trash generation maps. At least twice a year, the inlets are cleaned, and we will take note of the quantity and types of trash being removed.</p>
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C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions:		Retail and Commercial trash, food wrappers, cups, scraps of paper	Trash, food wrappers, cups, scraps of paper
	New/Enhanced Post-MRP Actions Initiated/Planned: 151 catch basin full capture devices, and 13 CDS units installed to date. We will evaluate areas and funds to determine where installation of additional units would be cost effective.	See Map Attachment C.10 – Full Trash Capture Map		
Street Sweeping	Continued Pre-MRP Actions: Twice a month street sweeping of all the City Streets	City-wide	Residential Trash	Vendor flyers, scraps of paper
	New/Enhanced Post-MRP Actions Initiated/Planned: Continue program			
On-land Trash Cleanups	Continued Pre-MRP Actions: Work Furlough Crews pick up trash at hot spots on a weekly basis.	City-wide	Commercial Trash	Food wrappers, cigarette butts
	New/Enhanced Post-MRP Actions Initiated/Planned: Supplement as needed with Volunteer groups such as Boy Scouts Eagle projects.	City-wide		

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Enhanced Storm Drain Inlet Maintenance	Continued Pre-MRP Actions: Inlets were cleaned once a year		Retail and School Trash	Paper, food wrappers
	New/Enhanced Post-MRP Actions Initiated/Planned: Inlets are now cleaned twice a year	City-wide		
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions: Required by ordinance to have loads covered	City-wide	Commercial debris	Paper, construction debris
	New/Enhanced Post-MRP Actions Initiated/Planned: Continue with existing policy			
Anti-littering and Illegal Dumping Enforcement Activities	Continued Pre-MRP Actions: Illegal to dump by ordinance	City-wide	Various large debris from businesses or home owners	Large items not usually small enough to enter inlets
	New/Enhanced Post-MRP Actions Initiated/Planned: Continue with existing policy			
Improved Trash Bins/Container Management	Continued Pre-MRP Actions:		Restaurant wastes	Organics, paper products, food wrappers
	New/Enhanced Post-MRP Actions Initiated/Planned: Work with property owners of Union Landing retail Center on upgraded procedures for trash enclosures and commercial garbage pick ups	Union Landing and other commercial areas		
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions: Yearly volunteer groups clean ups	City-wide	Homeless	Organics,

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	New/Enhanced Post-MRP Actions Initiated/Planned: Increase frequency of cleanups		encampment wastes	papers, bottles
Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions: New/Enhanced Post-MRP Actions Initiated/Planned: See the C.10 Trash Load Reduction section of the Countywide Program's FY 12/13 Annual Report for a summary of the Countywide single-use bag ban.	City-wide	Retail	Plastic Bags
Public Education and Outreach Programs	Continued Pre-MRP Actions: See the C.10 Trash Load Reduction section of the Countywide Program's FY 12/13 Annual Report for a summary of related outreach activities.	City-wide	School and Parks	Food wrappers and cups

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Public Education and Outreach Programs <i>(continued)</i>	<p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>See the C.10 Trash Load Reduction section of the Countywide Program's FY 12/13 Annual Report for a summary of related outreach activities. The City of Union City <i>has implemented</i> the following public education and outreach control measures:</p> <p>Through participation and funding of the regional BASMAA Youth Outreach Campaign, the City of Union City will implement an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 (post-MRP effective date) and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run from FY 11-12 through FY 13-14. A brief description of the Campaign activities is provided below:</p> <ul style="list-style-type: none"> Raising Awareness: The Campaign will begin by raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations will be developed to reach the target audience. Messages targeted to youth will be created and distributed via paid advertising, email marketing, 	<p><i>(continued)</i></p>	<p><i>(continued)</i></p>	<p><i>(continued)</i></p>

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Public Education and Outreach Programs <i>(continued)</i>	<ul style="list-style-type: none"> • Campaign website and social networking sites (e.g. The City of Union City <i>has implemented</i> the following public. <ul style="list-style-type: none"> ○ Litter Reduction Advertising Campaign(s) ○ BASMAA Youth Outreach Campaign (Regional) and distributed via paid advertising, email marketing, ○ Engage the Youth - The advertisements will encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. • At the beginning of FY 12-13, a video contest was launched to get Bay Area youth further involved in the Campaign. An online voting system was used to select the winning entry. Media advertising will be conducted to promote the winning entry. • Change Behaviors: To move the audience along the behavior change continuum, the Campaign will use electronic platforms such as email marketing and social networking sites to encourage participants to engage in increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc. • Maintain Engagement: The Campaign will continue to interact with the target audience through email marketing and social media websites. 	<i>(continued)</i>	<i>(continued)</i>	<i>(continued)</i>

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Public Education and Outreach Programs <i>(continued)</i>	<ul style="list-style-type: none"> The Youth Campaign will include a pre and post campaign survey to evaluate the effectiveness of outreach. The pre-campaign survey was conducted in FY 11-12 and the post campaign survey in FY 13-14. Other evaluation mechanisms, such as website survey in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign's social networking website, etc. will also be used to evaluate its effectiveness in increasing awareness and changing behavior. 	<i>(continued)</i>	<i>(continued)</i>	<i>(continued)</i>

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).

As mentioned in previous reports, Union City does not have its own collection facility, therefore residents utilize household hazardous waste facilities located in Hayward and Fremont. The amounts of batteries, compact fluorescent light bulbs, and regular fluorescent light tubes, can be found in the Alameda Countywide HHW report.

Union City collects used batteries at 5 designated locations (city hall, Senior Center, Holly Center, Kennedy Center, and the Union City Sports Center). Batteries and cell phones are picked up and dropped off at Tri-CED Community Recycling. Please refer to <http://www.ci.unioncity.ca.us/recycle/batteries.htm> for more information. The City of Union City Recycling Program Annual Report reports the city has collected 2,127 lbs. of used batteries during the span of December 2011 to March 2012. See **Attachment C.11.a.i - Recycling** for additional recycling information from the report. Additional specific recycling program information can also be provided upon request.

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

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

See the Countywide Program's FY 12/13 Annual Report for a description of related activities related to Mercury Recycling Efforts on a countywide level.

C.11.a.ii ► Mercury Collection

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

Summary:

Please refer to the FY 12-13 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

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

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

Summary:

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training	
<p><i>(For FY 10-11 Annual Report and Each Annual Report Thereafter)</i> 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.</p>	
<p>See the FY 12-13-Program Annual Report for a description of training provided countywide. Building upon the April 2012 inspector training that focused on identifying PCB-containing equipment and the US EPA and Regional Water Quality Control Board perspectives on PCBs, five Union City Clean Water inspectors received training during this reporting term in identifying PCB-containing equipment and referring for abatement. The November 2012 training was presented from the perspectives of the Alameda County District Attorney's Division of Consumer and Environmental Protection and the Alameda County Health Department. We have a good working relationship with both agencies 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 identify any possible PCB-containing equipment or make any referrals regarding PCBs this year.</p>	
<p>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</p>	
<p>State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.</p>	
<p>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 12-13 Annual Report and/or the BASMAA Regional POC Report.</p>	

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.a.iii.(3) ► Evaluation of Effectiveness

(FY 12-13 Annual Report) Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

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

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.13.c.iii ► Water Quality Issues Associated with Automobile Brake Pads

(FY 12-13 Annual Report Only) – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed.

An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary:

The Union City Clean Water Program is addressing copper controls through a collaborative effort at the countywide level. See the FY 12-13 Program Annual Report for a description of the Alameda Countywide Clean Water Program copper control measures. A plating facility, Electrochem Solutions, was inspected this year and the Clean Water issues of the 300+ gallons of copper cyanide solution was a focus of the inspection. This facility will be submitting building permit plans for the ventilation system this year and we will be paying close attention to mitigating the possibility of copper runoff from the ventilation system. As part of all our industrial inspections we scrutinize the effectiveness of BMPs, including from copper sources. Through the Countywide IIDC subcommittee, the Pools, Spas and Fountains BMP handout was finalized, an effort that involves copper-reduction efforts as well as promoting general discharge controls.

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

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

Summary:

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

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

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

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

Summary:

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary:

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.vi. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Control Measures

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary:

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: 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"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary:</p> <p>Union City continues to promote conservation, outreach, native vegetation, environmentally friendly practices, etc. 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.</p> <p>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. PW Grounds Supervisor was proud to note that wildlife has since "quadrupled" in this area. Phytoremediation helps clean up soils and waters contaminated with heavy and toxic metals.</p>

(continued)

Drip system is being used to convert underutilized lawns to plant trees in an orchard fashion or grid. The drip system provides water to trees without the need to irrigate large areas by delivering water directly the trees. This also reduces the possibility of landscape irrigation runoff. One such system was installed along Alvarado-Niles Rd in front of a housing development to beautify this main arterial street.

A summary of the Countywide Program's effort to promote the use of less-toxic pest management and the use of drought tolerant and native vegetation is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 12-13 Annual Report.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁴

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) ⁶⁵	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁶	Inspector arrival time	Responding crew arrival time
The Alameda County Water District is the water purveyor for the City of Union City.														

⁶⁴ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁵ 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.

⁶⁶ 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 2013-14)

C.4.b.iii.(1) - POTENTIAL FACILITIES LIST (FY 2013/14)

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

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

Autowise Automotive	35194 Alvarado-Niles RD	New Haven Unified School District Corp. Yard	3636 Smith ST
AutoZone #3338	32100 Alvarado BLVD	New Horizon Foods	33440 Western AVE
Axygen	33210 Central AVE	NHUSD Central Kitchen	2831 Faber ST
Bakemark	32621 Central AVE	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
Baldie's Cafe	2649 Decoto RD	NorCal Hobbies	30600 Union City BLVD
Barnard White Middle School #220	725 Whipple RD	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
Barr & Poindexter DDS	33800 Alvarado-Niles RD #6	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
Bay Central Printing	33401 Western AVE	Oakridge Industries	1130 Pacific ST
Bay Star Auto	1275 Atlantic ST	OEC Graphics	33288 Central AVE
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	One-Stop Auto Service	1279 Atlantic ST
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	Orcon	1570 Atlantic ST
Benedict Armonio DDS, Inc	30067 Industrial PKWY	O'Reilly Auto Parts #2571	1601 Decoto RD
Besco Products, Inc.	1250 Whipple RD	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
Best Label	2900 Faber ST #1	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	Pacific Lee Auto	33090 Mission BLVD
Blommers Chocolate	33377 Transit AVE	Pacific Materials Handling	30361 Whipple RD
Blommers Chocolates	1515 Pacific ST	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	Party City	30761 Dyer ST
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	Pen Bullet UC	1143 Pacific ST # A
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]	[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]

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

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

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

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

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

Jiro Japanese Resturant	34533 Alvarado-Niles RD
Jollibee Restaurant	32460 Dyer ST
Joong ANG Daily News San Francisco, Inc.	33288 Central AVE
Kaiser permanente	30116 Eigenbrodt WY
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]

Westland Giftware	30180 Ahern AVE
WHC Plumbing Supply Co.	2900 Volpey WY
Whipple Road Family Dental care	1794 Whipple RD
William Asai, DDS	33341 Alvarado-Niles RD B
[FACILITY CLOSED]	[REMOVED FROM ACTIVE FACILITIES]
Young's Market Co	1701 Atlantic CT

ATTACHMENT 2

C.4.b.iii(1) – Potential Facilities List of Food Service Facilities

C.4.b.iii.(1) - POTENTIAL FACILITIES LIST OF FOOD SERVICE FACILITIES

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

DOLLAR TREE STORE #1233	1720	DECOTO	RD
DOMINO'S PIZZA	33600	ALVARADO-NILES	RD
DONUT DELIGHT	34554	ALVARADO-NILES	RD
DRAGON HOUSE	3821	SMITH	ST
EL BURRITO SUPREMO	34587	ALVARADO-NILES	RD
ELITE BAKERY	4123	DYER	ST
ERNIE'S WINE & LIQUORS	31846	ALVARADO	BLVD
FEDERICOS TAPAS & WINE BAR	30971	COURTHOUSE	DR
FOOD MAXX (BAKERY)	30073	INDUSTRIAL	PKWY
FRESH & NATURAL CAFE	3555	WHIPPLE	AVE
FUDDRUCKERS	32175	UNION LANDING	BLVD
GERRY'S GRILL	31005	COURTHOUSE	DR
GOLDBLOCKS BAKESHOP	4126	DYER	ST
HAAFIZ FOOD MART	34595	ALVARADO-NILES	RD
HONG KONG RESTAURANT	4100	DYER	ST
HOUSE OF DUMPLINGS	109	APPIAN	WAY
IN-N-OUT BURGER #156	32060	UNION LANDING	BLVD
INTERNATIONAL HOUSE OF PANCAKES	32010	DYER	ST
ISLAND PACIFIC SUPERMARKET INC	4122	DYER	ST
JAMBA JUICE #420	32358	DYER	ST
JASMINE RESTAURANT	30059	INDUSTRIAL	PKWY
JENJON'S CAFE	1704	DECOTO	RD
JIMMY'S PLACE	1688	DECOTO	RD
JIM'S COCKTAIL LOUNGE	34696	ALVARADO-NILES	RD
JIRO JAPANESE RESTAURANT	34533	ALVARADO-NILES	RD
JOJOLI	31866	ALVARADO	BLVD
JOLLIBEE	32460	DYER	ST
KABILA	29286	UNION CITY	BLVD
KALINDA'S RESTAURANT/CATERING	31834	ALVARADO	BLVD
KENTUCKY FRIED CHICKEN #144	32004	ALVARADO	BLVD
KING LIQUORS	30063	INDUSTRIAL	PKWY
KOI SUSHI BOAT	1737	DECOTO	RD
KRISPY KREME	32450	DYER	ST
L & L HAWAIIAN BARBECUE	1668	DECOTO	RD
LA SALSA FRESH MEXICAN GRILL	32248	DYER	ST
LECHON MANILA	32104	ALVARADO	BLVD
LIL CRAVIN'	1767	DECOTO	RD
LIQUOR BARREL	2641	DECOTO	RD
LITTLE PANDA CHINESE FOOD	31859	ALVARADO	BLVD
LITTLE SHEN YANG	1749	DECOTO	RD
LOS DOS GALLOS	34704	ALVARADO-NILES	RD
LUCKY SUPERMARKET	32300	DYER	ST
MAGAT'S ASIAN GROCERY AND TRADING	31873	ALVARADO	BLVD
MANDAVI BAZAAR	31804	ALVARADO	BLVD
MANEKI SUSHI	31810	ALVARADO	BLVD
MANILA GOOD-HA SA UNION CITY	4130	DYER	ST
MANILA SUNRISE RESTAURANT	4122	DYER	ST

MARINA FOOD #6 LLC	1791	DECOTO	RD
MAYFLOWER SEAFOOD RESTAURANT	34348	ALVARADO-NILES	RD
MCDONALDS	30600	DYER	ST
MCDONALD'S	27	UNION SQUARE	
MENCONI'S	32611	ALVARADO	BLVD
MEXICO LINDO	33306	ALVARADO-NILES	RD
MEXICO TIPICO	3980	HORNER	ST
MISSION FOOD & LIQUOR	101	DECOTO	RD
MISSION VIEW FOOD & LIQUOR	33503	MISSION	BLVD
MONGOLIA HOT POT	34396	ALVARADO-NILES	RD
MORTAR PESTLE	32136	ALVARADO	BLVD
MOUNTAIN MIKE'S PIZZA	32170	DYER	ST
MR KEBAB	1760	DECOTO	RD
MUSKAAN INDIAN CUISINE	1706	DECOTO	RD
NAYONG FILIPINO	1796	WHIPPLE	RD
NEW CHINA	1743	DECOTO	RD
NEW INDIA MARKET	31885	ALVARADO	BLVD
NEW LUK YUEN RESTAURANT	31802	ALVARADO	BLVD
NILES LIQUORS & MINI MART	34359	ALVARADO-NILES	RD
OO LIQUORS	1800	WHIPPLE	RD
PADDY'S	3900	SMITH	ST
PAPA JOHN'S PIZZA	30593	UNION CITY	BLVD
PASTA POMODORO	32216	DYER	ST
PEPPER TREE LOUNGE	1848	WHIPPLE	RD
PERRY'S LIQUORS	31885	ALVARADO	BLVD
PHO PASTEUR RESTAURANT	31860	ALVARADO	BLVD
PHO TUONG LAI	1779	DECOTO	RD
PIZZA HUT	2617	DECOTO	RD
POPEYE'S LOUISIANA KITCHEN	31816	ALVARADO	BLVD
PUMP IT UP OF UNION CITY	2995	WHIPPLE	RD
QUICK SHOP MARKET	31887	ALVARADO	BLVD
R.B. DELI	2813	WHIPPLE	RD
RAYAAN PIZZA & PASTA	32106	ALVARADO	BLVD
RED RIBBON BAKESHOP INC	31840	ALVARADO	BLVD
RITE AID #5943	1650	DECOTO	RD
RITE AIDE #5942	31836	ALVARADO	BLVD
ROSE GARDEN RESTAURANT	33348	ALVARADO-NILES	RD
ROSHNI MARKET	2633	DECOTO	RD
ROUND TABLE PIZZA	1744	DECOTO	RD
RUGGIERI SENIOR CENTER	33997	ALVARADO-NILES	RD
SAFEWAY #1197	1790	DECOTO	RD
SANGRAM'S PALACE	30063	INDUSTRIAL	PKWY
SEA FOOD CITY SUPERMARKET	31840	ALVARADO	BLVD
SHALIMAR INDIAN GROCERIES	32118	ALVARADO	BLVD
SHELL FOODMART	31301	ALVARADO-NILES	RD
SHENG KEE BAKERY #10	34332	ALVARADO-NILES	RD
SK DONUT SHOP	32102	ALVARADO	BLVD

SMART & FINAL	31070	DYER	ST
SMITH CONVENIENT MARKET	3834	SMITH	ST
SPICE HOUSE CO.	29266	UNION CITY	BLVD
STARBUCKS #5887	1752	DECOTO	RD
STARBUCKS COFFEE #11167	32340	ALVARADO	BLVD
STARBUCKS COFFEE #13231	33115	MISSION	BLVD
STARBUCKS COFFEE #5653	32240	DYER	ST
SUBWAY #5476	34367	ALVARADO-NILES	RD
SUBWAY SANDWICHES & SALADS #18968	30057	INDUSTRIAL	PKWY
SUBWAY SANDWICHES & SALADS #29141	32144	ALVARADO	BLVD
SUPERMERCADO GUADALAJARA	33909	10TH	ST
SUSHI BOAT	32200	DYER	ST
TACO BELL #4373	34525	ALVARADO-NILES	RD
TACO BELL #15798	30075	INDUSTRIAL	PKWY
TACO BELL #2194	32002	ALVARADO	BLVD
TADAMASA RAMEN	34672	ALVARADO-NILES	RD
TAIPEI 101	34308	ALVARADO-NILES	RD
TAPIOCA EXPRESS	1707	DECOTO	RD
TEXAS ROADHOUSE	32115	UNION LANDING	
TGI FRIDAYS	31900	DYER	ST
THAI BBQ	4116	DYER	ST
THAI KITCHEN RESTAURANT	31845	ALVARADO	BLVD
THAI VILLAGE CUISINE	34571	ALVARADO-NILES	RD
THE MARY CORDOZA CENTER	2831	FABER	ST
THE NEW YORKER PIZZA	34391	ALVARADO-NILES	RD
THE VITAMIN SHOPPE	32109	UNION LANDING	BLVD
TOGOS	32220	DYER	ST
TOPPINGS TOO!! RESTAURANT	3910	SMITH	ST
TRIBU GRILL	32208	DYER	ST
UNION CITY DONUTS & DELI	31080	UNION CITY	BLVD

ATTACHMENT 3

C.4.b.iii(2) – Facilities Scheduled for Inspection (FY 2013-14)

C.4.b.iii.(2) - FACILITIES SCHEDULED FOR INSPECTION (FY 2013/2014)

FACILITY NAME	SITE ADDRESS
AIR LIQUIDE	700 DECOTO ROAD
ALCO PUMP STATION J-3	32000 UNION CITY BLVD
AMCOR PACKAGING DISTRIBUTION	33463 WESTERN AVENUE
AMERICAN LICORICE	2477 LISTON AVENUE
ARROW TRUCKING COMPANY OF CALIFORNIA	30078 EIGENBRODT WAY
ASBURY ENVIRONMENTAL	1220 WHIPPLE ROAD
BLOMMER CHOCOLATE	1515 PACIFIC STREET
CEMEX CONSTRUCTION MATERIALS	900 WHIPPLE ROAD
COCA COLA	1551 ATLANTIC AVENUE
COMMERCIAL FILTER RECYCLING	33210 WESTERN AVENUE
CONKLIN & CONKLIN. INC	34201 7TH STREET
CROWN WORLDWIDE MOVING STORAGE	32001 DOWE AVENUE
ELECTROCHEM SOLUTIONS, LLC	32500 CENTRAL AVENUE
FEDERAL EXPRESS / HWD	32900 ALVARADO-NILES ROAD
GCM MEDICAL AND OEM DIVISION	33252 CENTRAL AVENUE
GCM MEDICAL DEVICES	1388 ATLANTIC AVENUE
HD SUPPLY WATERWORKS	34151 ZWISSIG WAY
HERTZ EQUIPMENT RENTAL	1333 ATLANTIC AVENUE
ICON ENVIRONMENTAL SERVICES	1220 WHIPPLE ROAD
LA TERRA FINA	1300 ATLANTIC AVENUE
LSI/INGREDIENTS INTERNATIONAL	1610 WHIPPLE ROAD
MOSTEK MACHINE	33206 WESTERN AVENUE
NEW HAVEN UNIFIED SCHOOL DISTRICT CORP YARD	3636 SMITH STREET
NEW WORLD VAN LINES	33373 LEWIS AVENUE
ORCON	1570 ATLANTIC AVENUE
PG&E JARVIS SUBSTATION	900 DECOTO ROAD
PTR MANUFACTURING	33390 TRANSIT AVENUE
QUALITY DISTRIBUTING	2850 VOLPEY WAY
RIGHT AWAY REDY MIX	30100 UNION CITY BLVD
RYSS LAB INCORPORATED	29540 KOHOUTEK WAY
SA RECYCLING	33210-A WESTERN AVENUE
SCOTT'S MOBILE TRAILER REPAIR	1220-B WHIPPLE ROAD
SPECIALIZED LAUNDRY	33483 WESTERN AVENUE
STAR PACIFIC	1205 ATLANTIC AVENUE
THE HOME DEPOT #635	30065 INDUSTRIAL PARKWAY WEST
TIRE & WHEEL MASTER	4005 WHIPPLE ROAD
TRI-CED	33377 WESTERN AVENUE
U.S. CLEANERS	34584 ALVARADO-NILES ROAD
UNION CITY CIVIC CENTER	34009 ALVARADO-NILES ROAD
UNION CITY PUBLIC WORKS MAINTENANCE FACILITY	34650 7TH STREET
UNION INTERNATIONAL FOOD COMPANY	33035 TRANSIT AVENUE
UNION SANITARY DISTRICT	5072 BENSON ROAD
U.S. PIPE AND FOUNDRY	1295 WHIPPLE ROAD

ATTACHMENT 4

C.4.b.iii(2) – Food Service Facilities Schedule for Inspection (FY 2013-14)

C.4.b.iii.(2) - FOOD SERVICE FACILITIES SCHEDULED FOR INSPECTION (FY 2013/2014)

FACILITY NAME	SITE ADDRESS	
1/3 LB GIANT BURGER	33592	ALVARADO-NILES ROAD
ANDERSEN BAKERY & CAFE	31075	COURTHOUSE DRIVE
APPLEBEE'S	30980	DYER STREET
BALDIE'S CAFE	2649	DECOTO ROAD
BASKIN ROBBINS	32232	DYER STREET
BHARAT BAZAR	34301	ALVARADO-NILES ROAD
BRONCO BILLY'S PIZZA PALACE	3940	SMITH STREET
BURGER KING	1801	DECOTO ROAD
CHAPLINS SPORTS BISTRO	29200	KOHOUTEK WAY
CHEVY'S FRESH MEX RESTAURANT	31100	COURTHOUSE DRIVE
CHOWKING RESTAURANT	31838	ALVARADO BLVD
COLD STONE CREAMERY	30985	COURTHOUSE DRIVE
DOLLAR TREE STORE #1233	1720	DECOTO ROAD
DOMINO'S PIZZA	33600	ALVARADO-NILES ROAD
FEDERICOS TAPAS & WINE BAR	30971	COURTHOUSE DRIVE
FUDDRUCKERS	32175	UNION LANDING BLVD
IN-N-OUT BURGER #156	32060	UNION LANDING BLVD
INTERNATIONAL HOUSE OF PANCAKES	32010	DYER STREET
JIMMY'S PLACE	1688	DECOTO ROAD
JOLLIBEE	32460	DYER STREET
KABILA	29286	UNION CITY BLVD
KRISPY KREME	32450	DYER STREET
LA SALSA FRESH MEXICAN GRILL	32248	DYER STREET
LITTLE PANDA CHINESE FOOD	31859	ALVARADO BLVD
MAYFLOWER SEAFOOD RESTAURANT	34348	ALVARADO-NILES ROAD
MCDONALDS	30600	DYER STREET
MONGOLIA HOT POT	34396	ALVARADO-NILES ROAD
MUSKAAN INDIAN CUISINE	1706	DECOTO ROAD
NEW INDIA MARKET	31885	ALVARADO BLVD
OO LIQUORS	1800	WHIPPLE ROAD
PAPA JOHN'S PIZZA	30593	UNION CITY
PASTA POMODORO	32216	DYER STREET
PIZZA HUT	2617	DECOTO ROAD
R.B. DELI	2813	WHIPPLE ROAD
RAYAAN PIZZA & PASTA	32106	ALVARADO BLVD
RED RIBBON BAKESHOP INC	31840	ALVARADO BLVD
ROSHNI MARKET	2633	DECOTO ROAD
RUGGIERI SENIOR CENTER	33997	ALVARADO-NILES ROAD
SAFEWAY #1197	1790	DECOTO ROAD
SUBWAY SANDWICHES & SALADS #18968	1752	DECOTO ROAD
TGI FRIDAYS	32115	UNION LANDING BLVD
TOGOS	32109	UNION LANDING BLVD
TRIBU GRILL	32220	DYER STREET

ATTACHMENT 5

C.5 – Recycling Flyer

Recycling Electronic Devices, Fluorescent Bulbs and Batteries

Union City Environmental Programs (510) 675-5360 email: environmental@unioncity.org website: www.unioncity.org/environmental



Don't Put These in the Garbage!

Many common products that we use in our daily lives, such as batteries, fluorescent bulbs and consumer electronic devices, require special care in disposal due to the hazardous components they contain. To protect human health and the environment, California state law prohibits the disposal of these materials in the garbage or onto the ground. These products must be recycled.

RECYCLING OPTIONS

ELECTRONIC DEVICES – Electronic waste (E-waste) is hazardous waste, containing lead, mercury and other heavy metals. It is illegal to dump E-waste on the street or dispose in the garbage. Examples of E-waste include: cell phones, computers, televisions, computer monitors, telephones, fax machines, copiers, printers, stereos, speakers, microwave ovens, and any devices that contain circuit boards or LED/LCD display screens.

CONTACT INFORMATION	MATERIALS ACCEPTED	NOTES
Tri-CED Community Recycling 33377 Western Avenue, Union City (510) 471-3850 www.tri-ced.com Tuesday - Saturday, 8:30 am -4:30 pm	Computer monitors Televisions Hard drives VCRs Keyboards DVD players Printers/Fax machines Telephones Stereo equipment Cell phones	*free year-round drop-off *free curbside pickup for (bagged) batteries and cell phones *no 'bulky' items
Alameda County Household Hazardous Waste Facility – Fremont HHW Center 41149 Boyce Road, Fremont (510) 670-6460 www.stopwaste.org Wed – Fri: 8:30 – 2:30; Sat: 8:00 -4:30	Televisions (working and non-working) Computers (working and non-working) Monitors (working and non-working) Cell phones (working and non-working) Office equipment, cords and plugs	*free year-round drop-off *residential: free *small businesses: fee; (account required) *125 lb. max/visit
Electronics Recycling/Buyback Center 33548 Central Avenue, Union City (510) 468-2642 www.recycle1234.com Monday – Saturday, 8:00 am – 3:00 pm	Monitors/small TVs – pays you \$3 Medium-sized TVs – pays you \$5 Large TVs – pays you \$10 Personal computers – pays you \$8 Laptop computers – pays you \$3-\$10	*pays \$ for donations *offers curbside pickup *assistance to non-profit fundraisers

RECYCLING OPTIONS

BATTERIES – Household batteries are hazardous waste because they contain corrosive materials and heavy metals. It is illegal to dump batteries on the street or dispose in the garbage. Batteries must be handled by an environmentally responsible recycling facility. Examples include: batteries for cell phones, cameras, hearing aids, flashlights, laptop computers, watches, and rechargeable tools. Most recyclers do not accept auto-type batteries.

CONTACT INFORMATION	MATERIALS ACCEPTED	NOTES
Tri-CED Community Recycling 33377 Western Avenue, Union City (510) 471-3850 www.tri-ced.com Tuesday – Saturday, 8:30 am -4:30 pm	Alkaline batteries: AAA, AA, C, D, 9-volt Rechargeable batteries Lithium ion batteries Button batteries (watch, hearing aid) Cell phone batteries	*free year-round drop-off *free curbside pickup for (bagged) batteries and cell phones
Alameda County Household Hazardous Waste Facility – Fremont HHW Center 41149 Boyce Road, Fremont (510) 670-6460 or (800) 606-6606 www.stopwaste.org Wed – Fri: 8:30 – 2:30; Sat: 8:00 -4:30	Alkaline batteries: AAA, AA, C, D, 9-volt Rechargeable batteries Lithium ion batteries Button batteries (watch, hearing aid) Cell phone batteries Automotive (car and truck) batteries	*free year-round drop-off *residential: free *small businesses: fee; (account required) *125 lb. max/visit
Home Depot – Union City store 30065 Industrial Parkway, Union City (510) 489-9400	Rechargeable tool batteries	*free drop-off *kiosk near entrance
Lowe’s – Union City store 32040 Union Landing Blvd, Union City (510) 476-0600	Rechargeable batteries **must be bagged – please contact store	*free drop-off *kiosk near entrance
<u>City of Union City facilities</u> City Hall, 34009 Alvarado-Niles Rd Holly Center, 31600 Alvarado Blvd Kennedy Center, 1333 Decoto Rd Senior Center, 33997 Alvarado-Niles Rd Sports Center, 31224 Union City Blvd	Alkaline batteries: AAA, AA, C, D, 9-volt Rechargeable batteries Lithium ion batteries Button batteries (watch, hearing aid) Cell phone batteries	*free year-round drop-off

FLUORESCENT LAMPS AND BULBS – Fluorescent lamps and bulbs, which include neon, halide, and high-intensity discharge, are hazardous waste for mercury and other heavy metals, and it is illegal to dump on the street or dispose in the garbage. These materials must be handled by an environmentally responsible recycler.

CONTACT INFORMATION	MATERIALS ACCEPTED	NOTES
Household Hazardous Waste Facility <i>(please refer to contact info above)</i>	Compact fluorescent lamps (CFLs) Straight fluorescent bulbs	*residential: free *businesses: fee; (account required)
Home Depot – Union City store <i>(please refer to contact info above)</i>	Compact fluorescent lamps (CFLs)	*free drop-off
Lowe’s – Union City store <i>(please refer to contact info above)</i>	Compact fluorescent lamps (CFLs) **must be bagged – contact store before bringing materials for recycling	*free drop-off
AERC, Inc. 1475 Crocker Avenue, Hayward (510) 429-1129 or (866) 447-5177 www.aerc.com	Compact fluorescent lamps (CFLs) Straight fluorescent bulbs **offers pre-paid, mail-in recycle kits through website: www.aerc.com	*residential: free *businesses: fee; (account required)

ATTACHMENT 6

C.5 – Used Oil Flyer

Recycling Used Oil and Oil Filters

Union City Environmental Programs (510) 675-5360 email: environmental@unioncity.org website: www.unioncity.org/environmental



Do You Change Your Own Motor Oil?

WHEN IMPROPERLY DISPOSED, USED OIL IS HARMFUL TO THE ENVIRONMENT

- ◆ America's worst oil spill isn't noted much in the news because it is spread all over. The EPA estimates that 200 million gallons of used oil are dumped on the ground, tossed in the trash (ending up in landfills), and poured down the drain every year.
- ◆ Just one gallon of used oil, the amount from a single small auto engine, has the potential to contaminate up to one million gallons of drinking water.
- ◆ A single gallon of used oil will create an eight-acre oil slick, poisoning fish and aquatic life.

USED OIL IS A VALUABLE RESOURCE

- ◆ Used motor oil can be re-refined as lubricating oil, used as a clean fuel, and reprocessed to create many petroleum-based products. Recycling saves this non-renewable resource for future use.
- ◆ If the used oil generated by all the do-it-yourself oil changers in the country were collected and re-refined, it would provide enough motor oil for 50 million cars per year. Recycling helps reduce our dependence on imported oil and provides jobs at home.

YOU CAN CONVENIENTLY RECYCLE USED OIL AND FILTERS AT NO COST TO YOU

- ◆ Convenient curbside collection of used oil and filters is available through Tri-CED. Call (510) 429-8030 for more info and to obtain FREE oil jugs and a sealable oil filter bag.
- ◆ Your other options include placing the oil in a clean, leak-proof container with a tight-fitting cap. Do not use containers previously used for gasoline, brake fluid, antifreeze, solvents, detergent or bleach.
- ◆ Do not mix used oil with water gasoline, brake fluid, antifreeze, solvents or any other substances. Remember, used oil only! If it's mixed with other chemicals it can't be recycled.
- ◆ Additional oil can be recovered by draining used oil filters.
- ◆ Contact one of the eight Collection Centers in or near Union City and arrange your drop-off!

~see reverse for list of recycling facilities~

USED OIL and FILTER RECYCLING OPTIONS

Contact the collection center for restrictions and hours of operation before dropping off oil or filters. Use sturdy, non-leaking containers no larger than 5 gallons, with tight-fitting lids. Do not use containers previously used to store detergent, brake fluid, bleach, antifreeze, solvent, thinner, paint, varnish or acids.

CONTACT INFORMATION	NOTES
Tri-CED Community Recycling 33377 Western Avenue, Union City (510) 429-8030 www.tri-ced.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ No drop-off /Curbside pick-up only** ◆ **Must use bags provided by Tri-CED ◆ **Contact Tri-CED to schedule
AutoZone 32100 Alvarado Blvd, Union City (510) 324-2210 www.autozone.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ 5-gallon maximum drop-off per day ◆ No contaminated oil please
Commercial Filter Recycling 33210 Western Avenue, Union City (510) 487-9277 www.sarecycling.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ Union City residents-only ◆ 20-gallon maximum drop-off per day ◆ 1 oil filter drop-off per day
O'Reilly Auto Parts 1601 Decoto Road, Union City (510) 487-2742 www.oreillyauto.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ 5-gallon maximum drop-off per day ◆ No contaminated oil please
Pep Boys 30085 Industrial parkway SW, Union City (510) 441-0261 www.pepboys.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ 5-gallon maximum drop-off per day ◆ No contaminated oil please
Speed Oil Change Center 2601 Decoto Road, Union City (510) 441-8162 www.speedoilchangecenter.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ 5-gallon maximum drop-off per day ◆ No contaminated oil please
Walmart Tire and Lube Express 30600 Dyer Street, Union City (510) 475-5915 www.walmart.com	<ul style="list-style-type: none"> ◆ Accepts used oil and oil filters ◆ 5-gallon maximum drop-off per day ◆ No contaminated oil please
Alameda County Household Hazardous Waste facility Fremont HHW Center 41149 Boyce Road, Fremont (510) 670-6460 or (800) 606-6606 www.stopwaste.org	<ul style="list-style-type: none"> ◆ Used oil, oil filters and contaminated oil ◆ Alameda County residents-only: free year-round drop-off ◆ Small businesses: account and fee required ◆ 5-gallon maximum container size ◆ 15-gallon maximum drop-off per week
Alameda County Household Hazardous Waste Facility Hayward HHW Center 2091 West Winton Avenue, Hayward (510) 670-6460 or (800) 606-6606 www.stopwaste.org	<ul style="list-style-type: none"> ◆ Used oil, oil filters and contaminated oil ◆ Alameda County residents-only: free year-round drop-off ◆ Small businesses: account and fee required ◆ 5-gallon maximum container size ◆ 15-gallon maximum drop-off per week

ATTACHMENT 7

C.5.f.iii.3 – Door Hanger



Stormwater Pollution Found in Your Area!

This is not a citation.

This is to inform you that our staff found the following pollutants in the storm sewer system in your area. This storm sewer system leads directly to

-
- Motor oil
 - Oil filters
 - Antifreeze/transmission fluid
 - Paint
 - Solvent/degreaser
 - Cooking grease
 - Detergent
 - Home improvement waste (concrete, mortar)
 - Pet waste
 - Yard waste (leaves, grass, mulch)
 - Excessive dirt and gravel
 - Trash
 - Construction debris
 - Pesticides and fertilizers
 - Other
-

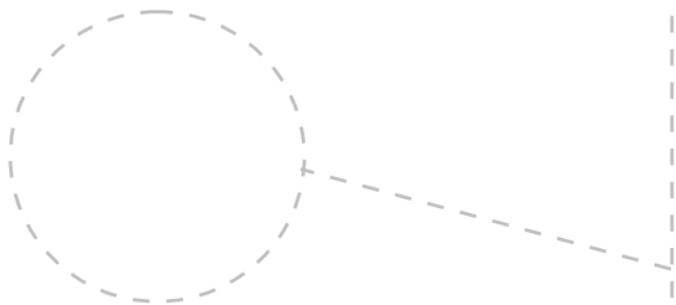


For more information or to report an illegal discharge of pollutants, please call:



www.cleanwaterprogram.org





Stormwater runoff is precipitation from rain or snowmelt that flows over the ground. As it flows, it can pick up debris, chemicals, dirt, and other pollutants and deposit them into a storm sewer system or waterbody.

Anything that enters a storm sewer system is discharged *untreated* into the waterbodies we use for swimming, fishing, and providing drinking water.

Remember: Only Rain Down the Drain

To keep the stormwater leaving your home or workplace clean, follow these simple guidelines:

- ◆ Use pesticides and fertilizers sparingly.
- ◆ Repair auto leaks.
- ◆ Dispose of household hazardous waste, used auto fluids (antifreeze, oil, etc.), and batteries at designated collection or recycling locations.
- ◆ Clean up after your pet.
- ◆ Use a commercial car wash or wash your car on a lawn or other unpaved surface.
- ◆ Sweep up yard debris rather than hosing down areas. Compost or recycle yard waste when possible.
- ◆ Clean paint brushes in a sink, not outdoors. Properly dispose of excess paints through a household hazardous waste collection program.
- ◆ Sweep up and properly dispose of construction debris like concrete and mortar.



ATTACHMENT 8

C.5.f.iii.4 – 2012-13 – Stormwater Complaint Discharge Tracking Form

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										
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	Other	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
7/3/12	8:30	1			1							1					7/3/12	11:00														1					0	6	6	1
7/11/12	11:30			1		1			1								7/11/12	18:21			1											1					0	0	0	1
7/16/12	12:08			1		1				1							7/16/12	15:45				1						1				1				0	1	1	1	
7/18/12	N/A	1				1					1						7/18/12	14:00				1						1				1				0	5	5	1	
8/13/12	N/A			1		1							1				8/13/12	8:00						1			1					1				0	7	7	1	
8/21/12	10:45	1				1			1								8/21/12	12:30				1						1	1						0	1	1	1		
8/23/12	18:00			1		1							1				8/23/12	19:30						1			1	1						0	1	1	1			
8/27/12	8:33		1			1			1		1						8/27/12	11:30		1		1					1				1			0	1	1	1			
8/29/12	12:01	1				1				1							8/29/12	12:57				1					1				1			0	0	0	1			
9/4/12	8:50	1				1				1							9/4/12	N/A				1					1	1					0	0	0	1				
9/13/12	9:45	1				1			1								9/13/12	13:30			1												0	4	4	1				
9/28/12	8:30		1			1	1										9/28/12	11:00		1							1	1					1	2	3	1				
10/3/12	8:45			1		1	1					1					10/3/12	8:45	1			1					1	1					0	1	1	1				
11/1/12	10:29			1		1							1				11/1/12	10:29						1				1					0	1	1	1				
11/28/12	8:00			1		1							1				11/28/12	8:00						1					1				0	3	3	1				
12/6/12	11:46			1	1								1	1			12/6/12	15:50						1		1			1			0	7	7	1					
1/14/13	9:45	1				1						1					1/14/13	11:00				1					1	1				0	0	0	1					
3/20/13	14:04	1				1				1							3/21/13	7:45				1					1					1	0	1	1					
4/16/13	9:45	1				1				1							4/16/13	11:45				1					1	1				0	0	0	1					
5/4/13	8:06	1				1				1							5/4/13	13:12				1					1					0	0	0	1					
5/10/13	10:30		1			1	1										5/10/13	15:30		1							1	1				0	1	1	1					
5/10/13	15:30			1	1				1								5/13/13	11:30			1						1					3	3	6	1					
5/29/13	19:07	1				1			1								5/29/13	20:44				1					1					0	1	1	1					
6/7/13	15:03		1			1	1					1					6/10/13	10:25	1							1			1			3	5	8	1					
6/23/13	N/A			1	1							1					6/24/13	9:23								1					1	1	2	1						

Number of discharges reported	25
Number of discharges reaching storm drains and/or receiving waters	8
Number of discharges resolved in a timely manner	25
Percentage of discharges resolved in a timely manner	100%

	Washwater	Sewage	Const. Mat.	Vehicle Fluids	Food Wastes	Paint	Sed./Silt	Ind. Wastes	Litter/Debris	Other	Total
Number	2	2	2	7	5	5	5	0	1	0	29
Percentage	7%	7%	7%	24%	17%	17%	17%	0%	3%	0%	100

	Public	Another Public Agency	Own Public Agency	Total
Number	11	4	10	25
Percentage	44%	16%	40%	100

ATTACHMENT 9

C.7 – Citizen Involvement Events

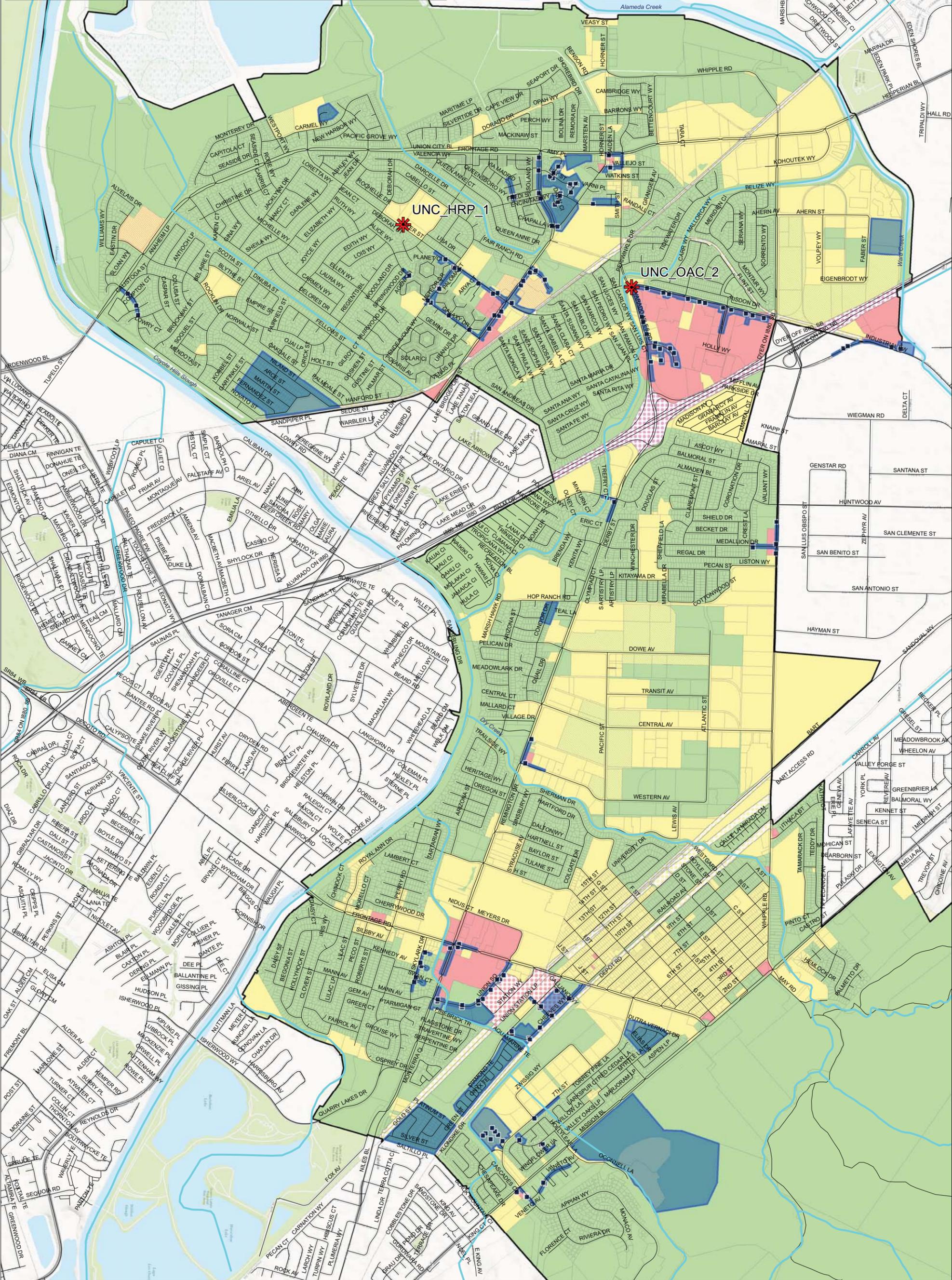
C.7 Citizen Involvement Events - 2012-13 VOLUNTEER WORK

DATE	LOCATION	PARTICIPANTS	PROJECT	No. OF VOLUNTEERS	No. OF STAFF	RECYCLING
8/12	Kennedy Park	BSA Troop 276	Planted 42 trees and 130 shrubs	20	1	55lbs
9/12	Logan High School	Civic Center Creek	Removed invasive weeds	18	0	85lbs
9/12	"Creek Care" Workday	Alameda County Creek Conservation District	Picked up litter	15	0	200lbs
9/12	Community Garden	BSA Troop 276 built a Tree Nursery	Cooper	20	2	120lbs
10/12	San Andreas Park	Sahil Markanday BSA 110	planted 54 trees and 125 shrubs	20	2	60lbs
10/12	Sea Breeze Park	Omkar Mahajan	1/4 mile native hedgerow	25	2	50lbs
11/12	Town Estates/Kitiyama Park	Grant Stevens B.O.A	planted 45 Cedar deodaras trees	25	2	65lbs
1/13	Seven Hills Community Garden	Brian Wang B.O.A.	plant 33 tree orchard	24	2	155lbs
2/13	Contempo Park	Omron Scientific Technologies	planted 10 trees 150 shrubs	35	1	89lbs
3/13	Contempo Park	Tongan Church Group Mormons	planted 25 trees 150 shrubs	24	2	75lbs
4/13	Earth Day "Creek Care"	Alameda County Creek Conservation District	remove trash from creek	22	2	265lbs
4/13	Earth Day Clean Water outreach	Washington Hospital	500 trees given away/clean water	500	2	n/a
4/13	Arbor Day	Mormons Helping Hands	planted 71 trees/ 150 vines/36yds	120	3	88lbs
4/13	Pioneer and Casa Verde Park	Thomas Bercasia	installed two dog dogipot cans	6	1	25lbs
4/13	William Cann Civic Center Park	Dan Rivera	planted 25 trees	1	1	35lbs
5/13	Alvarado Niles/Kitayama	Ryan Ng	50 trees planted/51 yds/drip irr.	24	2	45lbs
6/13	Railroad Ave.	Kyle Richie	25 trees planted	20	2	65lbs.
7/13	Contempo Park	Brian Wang B.O.A.	32 trees planted	8	2	45lbs
8/13	Union City Blvd./ Fremont border	Michael B.O.A	50 trees planted/51 yds/drip irr.	15	2	65lbs
8/13	Union City Blvd./Dyer Street	Nathan Ng	32 trees planted	20	2	90lbs
8/13	Sea Breeze Park	Patrick O'Sullivan	planted 20 trees	20	2	78lbs

ATTACHMENT 10

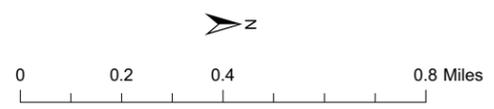
C.10 – Full Trash Capture Map

City of Union City DRAFT Full Trash Capture Map



Legend

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



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

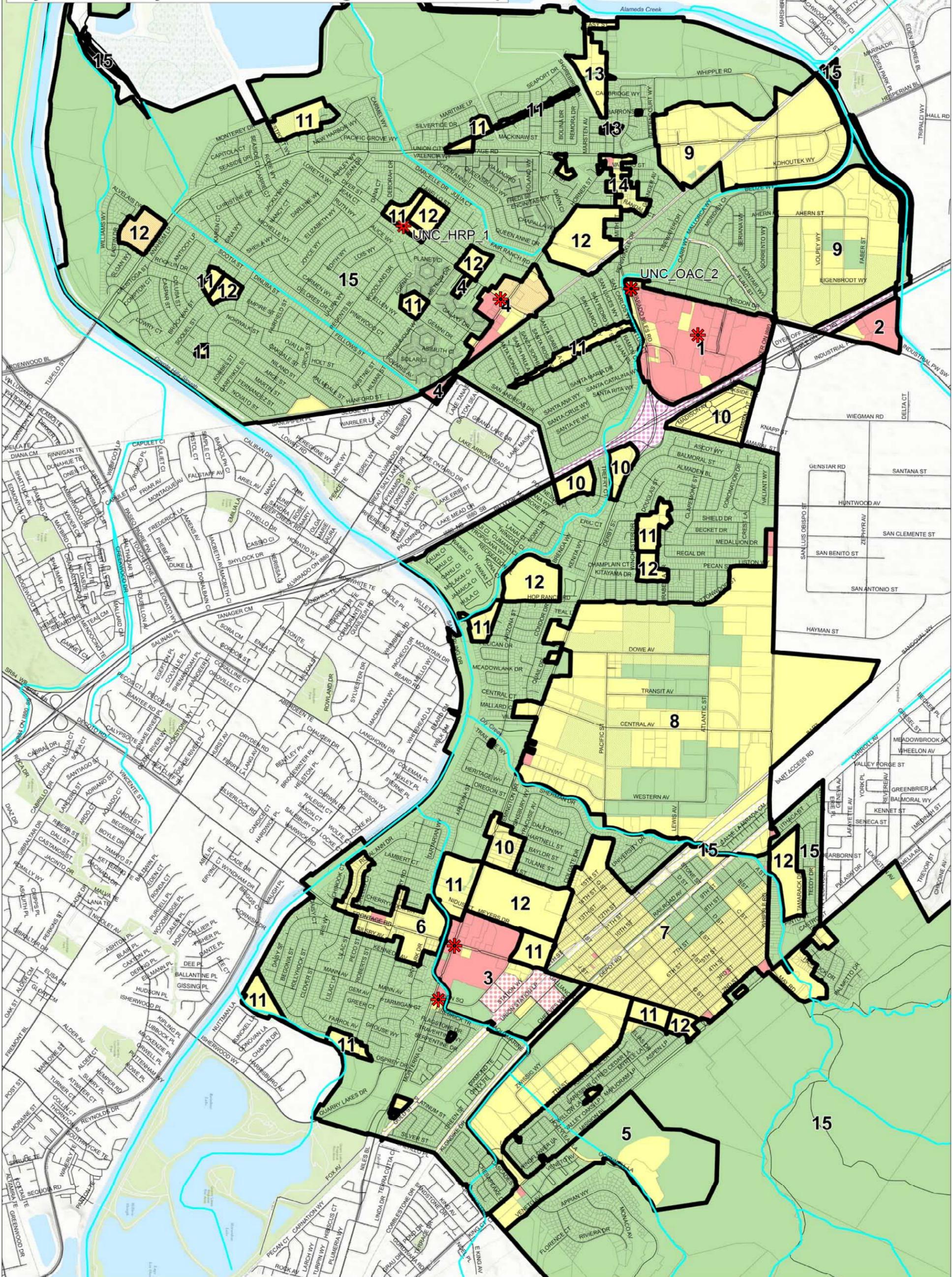
Map Created By:
 EOA, Inc.

Date:
 September 5th, 2013

ATTACHMENT 11

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
- Very High

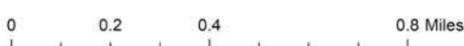
Other Symbols:

- Trash Management Area
- Streets
- Agency Boundary
- Creeks
- Parcel Boundary
- Creek/Shoreline Hotspot
- Non-Jurisdictional (Dot color = Generation Category)

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

Map Created By:
 EOA, Inc.

Date:
 September 5th, 2013



ATTACHMENT 12

C.11 - Recycling

2012-2013 Residential Recycling, Yard Waste, Oil Recycling, Oil Filers Source: TriCED Community Recycling

	Single Family Recycling (tons)	Multi Family Recycling (tons)	Total Residential Recycling (tons)	Single Fam Yard Waste (tons)	Multi Fam Yard Waste (tons)	Total Residential Yard Waste (tons)	Oil Gallons	Oil Filter Bags
July	533.03	20.51	553.54	709.11	34.94	744.05	415.00	128.00
Aug	511.67	15.61	527.28	716.39	37.61	754.00	396.00	113.00
Sep	456.58	15.28	471.86	580.52	35.20	615.72	390.00	104.00
Oct	499.64	11.89	511.53	567.85	35.49	603.34	333.00	100.00
Nov	512.31	12.49	524.80	629.33	36.00	665.33	291.00	83.00
Dec	506.42	9.16	515.58	567.85	30.86	598.71	263.00	101.00
Jan	519.64	6.65	526.29	528.74	35.71	564.45	306.00	122.00
Feb	416.28	7.41	423.69	459.59	26.53	486.12	290.00	97.00
Mar	471.12	5.33	476.45	648.85	28.51	677.36	355.00	96.00
Apr	484.03	6.18	490.21	813.82	32.59	846.41	312.00	86.00
May	491.36	5.79	497.15	781.05	37.44	818.49	339.00	90.00
June	474.68	6.95	481.63	620.03	30.91	650.94	293.00	117.00
	5,876.76	123.25	6,000.01	7,623.13	401.79	8,024.92	3,983.00	1,237.00

**CITY OF UNION CITY
SINGLE FAMILY RECYCLING PROGRAM**

THIRD QUARTER REPORT

2012

	JUL		AUG		SEP	
	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	2,452	1.23	2,354	1.18	2,100	1.05
Mixed Glass	74,518	37.26	71,531	35.77	63,829	31.91
Plastics #1 (PETE)	24,839	12.42	23,844	11.92	21,276	10.64
Plastics #2-7 (HDPE)	44,775	22.39	42,980	21.49	38,352	19.18
Bil Metal (Tin/Steel)	22,387	11.19	21,490	10.75	19,176	9.59
Mixed Paper	815,109	407.55	782,437	391.22	698,196	349.10
Residual	81,980	40.99	78,694	39.35	70,221	35.11
TOTAL RECYCLABLES:	1,066,060	533.03	1,023,330	511.67	913,150	456.58
TOTAL YARD WASTE:	1,418,220	709.11	1,432,780	716.39	1,161,040	580.52
TOTAL MATERIALS COLLECTED:	2,484,280	1,242.14	2,456,110	1,228.06	2,074,190	1,037.10
USED MOTOR OIL (Gallon)		415		396		390
FILTER BAGS		128		113		104

**CITY OF UNION CITY
MULTI - FAMILY RECYCLING PROGRAM**

THIRD QUARTER REPORT

2012

JUL

AUG

SEP

	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	406	0.20	309	0.15	303	0.15
Mixed Glass	6,653	3.33	5,064	2.53	4,957	2.48
Plastics #1 (PETE)	907	0.45	690	0.35	675	0.34
Plastics #2-7 (HDPE)	1,239	0.62	943	0.47	923	0.46
Bil Metal (Tin/Steel)	455	0.23	347	0.17	339	0.17
Mixed Paper	29,547	14.77	22,487	11.24	22,012	11.01
Residual	1,813	0.91	1,380	0.69	1,351	0.68
TOTAL RECYCLABLES:	41,020	20.51	31,220	15.61	30,560	15.28
TOTAL YARD WASTE:	69,880	34.94	75,220	37.61	70,400	35.20
TOTAL MATERIALS COLLECTED:	110,900	55.45	106,440	53.22	100,960	50.48
GRAND TOTAL:	2,595,180	1,297.59	2,562,550	1,281.28	2,175,150	1,087.58

**CITY OF UNION CITY
SINGLE FAMILY RECYCLING PROGRAM**

FOURTH QUARTER REPORT

2012

OCT

NOV

DEC

Lbs.	Tons
2,298	1.15
69,850	34.93
23,283	11.64
41,970	20.99
20,985	10.49
764,049	382.02
76,845	38.42
999,280	499.64

Lbs.	Tons
2,357	1.18
71,621	35.81
23,874	11.94
43,034	21.52
21,517	10.76
783,424	391.71
78,793	39.40
1,024,620	512.31

Lbs.	Tons
2,330	1.17
70,798	35.40
23,599	11.80
42,539	21.27
21,270	10.64
774,417	387.21
77,887	38.94
1,012,840	506.42

Aluminum
Mixed Glass
Plastics #1 (PETE)
Plastics #2-7 (HDPE)
Bil Metal (Tin/Steel)
Mixed Paper
Residual
TOTAL RECYCLABLES:

TOTAL YARD WASTE:

TOTAL MATERIALS COLLECTED:

1,283,920	567.85
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1,258,660	629.33
------------------	---------------

1,135,700	567.85
------------------	---------------

2,283,200	1,141.60
------------------	-----------------

2,283,280	1,141.64
------------------	-----------------

2,148,540	1,074.27
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USED MOTOR OIL (Gallon)

333

291

263

FILTER BAGS

100

83

101

**CITY OF UNION CITY
MULTI-FAMILY RECYCLING PROGRAM**

FOURTH QUARTER REPORT

2012

	OCT		NOV		DEC	
	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	235	0.12	247	0.12	181	0.09
Mixed Glass	3,857	1.93	4,052	2.03	2,972	1.49
Plastics #1 (PETE)	526	0.26	552	0.28	405	0.20
Plastics #2-7 (HDPE)	718	0.36	754	0.38	553	0.28
Bil Metal (Tin/Steel)	264	0.13	277	0.14	203	0.10
Mixed Paper	17,129	8.56	17,994	9.00	13,196	6.60
Residual	1,051	0.53	1,104	0.55	810	0.41
TOTAL RECYCLABLES:	23,780	11.89	24,980	12.49	18,320	9.16
TOTAL YARD WASTE:	70,980	35.49	72,000	36.00	61,720	30.86
TOTAL MATERIALS COLLECTED:	94,760	47.38	96,980	48.49	80,040	40.02

**CITY OF UNION CITY
SINGLE FAMILY RECYCLING PROGRAM
FIRST QUARTER REPORT
2013**

	JANUARY		FEBRUARY		MARCH	
	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	2,390	1.20	1,915	0.96	2,167	1.08
Mixed Glass	72,646	36.32	58,196	29.10	65,863	32.93
Plastics #1 (PETE)	24,215	12.11	19,399	9.70	21,954	10.98
Plastics #2-7 (HDPE)	43,650	21.83	34,968	17.48	39,574	19.79
Bi Metal (Tin/Steel)	21,825	10.91	17,484	8.74	19,787	9.89
Mixed Paper	794,641	397.32	636,574	318.29	720,437	360.22
Residual	79,921	39.96	64,024	32.01	72,458	36.23
TOTAL RECYCLABLES:	1,039,288	519.64	832,560	416.28	942,240	471.12
TOTAL YARD WASTE:	1,057,480	528.74	919,180	459.59	1,297,700	648.85
TOTAL MATERIALS COLLECTED:	2,096,768	1048.38	1,751,740	875.87	2,239,940	1,119.97
BATTERY COLLECTION:	DEC 2011 - MAR 2012		2,127 LBS	1.06 TONS		
USED MOTOR OIL (Gallon)	306		290		355	
FILTER BAGS	122		97		96	

**CITY OF UNION CITY
MULTI - FAMILY RECYCLING PROGRAM**

FIRST QUARTER REPORT

2013

JANUARY

FEBRUARY

MARCH

	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	132	0.07	147	0.07	106	0.05
Mixed Glass	2,157	1.08	2,404	1.20	1,729	0.86
Plastics #1 (PETE)	294	0.15	328	0.16	236	0.12
Plastics #2-7 (HDPE)	402	0.20	448	0.22	322	0.16
Bil Metal (Tin/Steel)	148	0.07	165	0.08	118	0.06
Mixed Paper	9,579	4.79	10,673	5.34	7,678	3.84
Residual	588	0.29	655	0.33	471	0.24
TOTAL RECYCLABLES:	13,300	6.65	14,820	7.41	10,660	5.33
TOTAL YARD WASTE:	71,420	35.71	53,060	26.53	57,020	28.51
TOTAL MATERIALS COLLECTED:	84,720	42.36	67,880	33.94	67,680	33.84

**CITY OF UNION CITY
SINGLE FAMILY RECYCLING PROGRAM
SECOND QUARTER REPORT
2013**

	APRIL		MAY		JUNE	
	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	2,227	1.11	2,260	1.13	2,184	1.09
Mixed Glass	67,667	33.83	68,692	34.35	66,360	33.18
Plastics #1 (PETE)	22,556	11.28	22,897	11.45	22,120	11.06
Plastics #2-7 (HDPE)	40,659	20.33	41,274	20.64	39,873	19.94
Bil Metal (Tin/Steel)	20,329	10.16	20,637	10.32	19,937	9.97
Mixed Paper	740,178	370.09	751,389	375.69	725,880	362.94
Residual	74,444	37.22	75,571	37.79	73,006	36.50
TOTAL RECYCLABLES:	968,060	484.03	982,720	491.36	949,360	474.68
TOTAL YARD WASTE:	1,627,640	813.82	1,562,100	781.05	1,240,060	620.03
TOTAL MATERIALS COLLECTED:	2,595,700	1,297.85	2,544,820	1,272.41	2,189,420	1,094.71
USED MOTOR OIL (Gallon)	312		339		293	
FILTER BAGS	86		90		117	

**CITY OF UNION CITY
MULTI - FAMILY RECYCLING PROGRAM
SECOND QUARTER REPORT**

2013

	APRIL		MAY		JUNE	
	Lbs.	Tons	Lbs.	Tons	Lbs.	Tons
Aluminum	122	0.06	115	0.06	138	0.07
Mixed Glass	2,005	1.00	1,878	0.94	2,255	1.13
Plastics #1 (PETE)	273	0.14	256	0.13	307	0.15
Plastics #2-7 (HDPE)	373	0.19	350	0.18	420	0.21
Bil Metal (Tin/Steel)	137	0.07	129	0.06	154	0.08
Mixed Paper	8,903	4.45	8,340	4.17	10,012	5.01
Residual	546	0.27	512	0.26	614	0.31
TOTAL RECYCLABLES:	12,359	6.18	11,580	5.79	13,900	6.95
TOTAL YARD WASTE:	65,180	32.59	74,880	37.44	61,820	30.91
TOTAL MATERIALS COLLECTED:	77,539	38.77	86,460	43.23	75,720	37.86