

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

September 15, 2015

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 2014-2015
NPDES Permit No. CAS612008

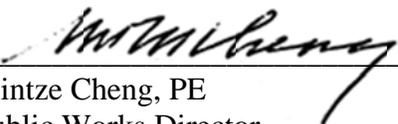
Dear Mr. Wolfe,

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

FY 2014-2015 Annual Report
Permittee Name: City of Union City

ATTACHMENT B

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- C.4.bi.iii.(1) 2015-16 Potential Facilities List
- C.4.b.iii.(2) 2015-16 List of Facilities Scheduled for Inspection
- C.5.d.iii Tips for Mobile Businesses
- C.5.f.iii.(4) Stormwater Tracking Checklist
- C.10 – Full Trash Capture Device Map
- C.10.b.ii – Creek Cleanups and More
- C.10.d – Additional Trash Reduction Actions
- C.11.a.i – Recycling

Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Union City		
Population:	72528*		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July 2014 through June 2015		
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 – 2013 estimate

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

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 FY14-15 Annual Report Program highlights for specific information.

In FY14-15, the City conducted and participated in the following outreach programs and events: a Clean Water booth on Earth Day at Washington Hospital, planted trees and installed drip irrigation on Arbor Day, talked to seniors at Water Conservation Festival, performed a creek cleanup on MLK Jr. Day of Service, and much more. Clean Water bus ads were also continued in Union City Transit buses.

Union City's Grounds Department and many volunteers accomplished:

- Planted a combined 731 trees
- Spread 8,000 lbs of grass seed
- Spread 300 lbs of wildflower seed
- Installed approximately 12,000' of drip line within the city

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. City inspectors and staff verify that companies are using adequate pollution control methods.

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:

Employees who clean bus shelters are given the pamphlet, "Pollution from Surface Cleaning" from BASMAA. City supervisors direct employees to use the proper methods to prevent localized washouts from reaching storm drains when washing is warranted.

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:

Graffiti is combated with the Street Department's "Graffiti Buster" 90% of the time by using paint to cover all graffiti found on City right-of-ways and therefore does not generate any discharges for those activities. When pressure washing is required, BMPs are in place and runoff is directed away from drains.

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
If your answer is No then skip to C.2.f.		<input checked="" type="checkbox"/>	<input type="checkbox"/> No
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			

²Rural 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	9/19/14	All inspection items are in compliance	None
Union City Maintenance Facility	12/1/14	All inspection items are in compliance	None
Union City Maintenance Facility	6/2/15	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.

The three Green Streets projects located in the City of Union City are in various stages of design and construction, as described below. The Decoto Green Street 'Pilot' Project is nearing completion with the second green streets project about to break ground. The third green street project is at 95% design stage and planned to go to bid later this year.

Decoto Green Street Project (C St. from 6th St. to 9th St.) is City of Union City's 'pilot' Green Streets project. Construction of this project is expected to be completed by the end of September 2015.

The Plans, Specifications & Estimate (PS&E) for this project were finalized and first made available for bidding in June 2014. Due to the lack of interest in the project, the project bidding period was extended by 2 weeks with the bids opening on July 24, 2014. However, only two bids were received with the low bid being at least 40% higher than the engineer's estimate. City Council rejected all bids and directed staff to revise the design to meet budget constraints.

City staff met with its design consultant to discuss the possible reasons for the high bids and to explore options to reduce construction cost prior to rebidding the project within 2014 calendar year in order to meet Prop 84 grant deadline. Staff attributed the high bids to several factors such as the busy construction season, relatively few contractors having the expertise and experience on green street projects, contractors choosing the more straight forward projects rather than the more complex projects such as this which involves several subcontractors, utility work and coordination.

Staff also discussed this issue with the State who agreed to reduce the project scope by eliminating one street block so that the project could be built with the amount of funds available.

The redesigned project was rebid on November 14, 2014 and generated ample interest on the project with Seven (7) contractors bidding on the project on December 16, 2014. The low bid was in the amount of \$877,502.10.

South Decoto Green Streets Project – This project, for which the City received \$3 Million in Prop 84 Storm Water Grant Program from the State Water Resources Control Board to implement green infrastructure, with a matching requirement of \$1 Million, was bid on by four (4) bidders on July 30, 2015, with a low bid of \$2,661,247. The preconstruction meeting is planned for September 22, 2015 with construction commencing within a few weeks.

This is a much larger project (8 blocks) than the City’s pilot project with greater impacted to the community during and after construction.

H St.- Green Street Improvements Project – For its third green street project, the City also received another \$3 Million in Prop 84 Storm Water Grant funds with a matching requirement of \$1 Million, to install green infrastructure along Ten (10) contiguous blocks along an arterial (H St. between 4th to 12th Streets) in the Decoto District. The project PS&E is at 95% stage with bids expected in early 2016.

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

The following projects were approved in FY2014-15:

1. Pulte Homes (Patina) – Cabello Street – 46 SFR on a 7.85 acre lot
2. Windflower Lofts(Special Project) – 243 residential units in a 4-storey development on a 2.46 acre lot next to BART (TOD)

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):

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
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2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2015 report? If yes, include the project in both the C.3.b.v.(1)Table, and the C.3.e.vi. Table.

X	Yes		No
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C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

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

Summary:

The stormwater treatment systems O&M verification inspection program 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 annually 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. One area to improve responsiveness for privately-owned stormwater treatment units could be to send bi-annual notification letters to remind private owners to inspect and submit their report in a timely manner.

(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:

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

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

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

Summary:

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

In addition, as a condition of approval, Public Works 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.

For the 46 Single Family Residence (SFR) detached homes built by Pulte Homes, we worked with the developer's design team to maximize infiltration of any new impervious areas by incorporating self-treating areas and having the developer install rain gardens to treat street run off. It should be noted that the new housing tract was redeveloped on a previously developed school site and the amount of impervious area actually decreased compared to the pre-project impervious area.

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											
Pulte Homes - Patina (Tract 8181)	Cabello St./Regents Blvd.	Pulte Home Corp	N/A	46 Single Family Homes	Alameda Creek	7.85	7.85	89,982	117,524	228,113	207,506
Windflower Lofts	34588 11 th St.(Berger Way/11 th St.)	Windflower Properties, LLC	N/A	Mixed Use Retail & Residential units	Alameda Creek	2.46	2.45	86,980	0	0	86,980
Public Projects											
No Regulated Public Projects											

¹⁰Include cross streets

¹¹If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹²Project 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.

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

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

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

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

¹⁷For 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										
Pulte Homes - Patina (Tract 8181)	1/15/2014	11/6/2014	Stencils, landscaping, Misc. drain or wash water	Runoff from roof, sidewalks, driveways to vegetated areas, micro-detention, self-retaining areas	Bio-retention areas	O&M Agreement with HOA	2C	N/A	No	HM not required since pre-project impervious areas is larger than post-project impervious area.
Windflower Lofts	7/28/2014	1/27/2015	Stencils, floor drain to sanitary Sewer (SS), parking garage to SS, landscaping, pool to SS, refuse areas	Runoff to vegetated areas, self-treatment areas	Media filter (special project)	O&M Agreement with Private owner	Flow-thru planter – 2C	N/A	No	Bio detention units

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

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

²⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²¹List 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.

²²List 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.).

²³List 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.

²⁴See 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).

²⁵For 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.

²⁶For 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.

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

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

²⁹If 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										
No Regulated Public Projects										

³⁰For public projects, enter the plans and specifications approval date.
³¹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
³²List 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.
³³List 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.).
³⁴List 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.
³⁵See 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).
³⁶For 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.
³⁷For 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.
³⁸Note whether a third party was used to certify the project design complies with Provision C.3.d.
³⁹If HM control is not required, state why not.
⁴⁰If 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	6/18/15	Scheduled	UTD – CDS 3030	No issues. Found bottles, leaves, and paper	None	Est. 24" depth. Cleaned.
11 th Street Extension	11 th St/Aquamarine	NO	City	6/18/15	Scheduled	UTD – CDS 4030	No issues. Found bottles, leaves, and paper	None	Est. 36" depth. Cleaned.
Ivywood – Subdivision 7369	32108 Condor Dr	NO	City	6/18/15	Scheduled	UTD – CDS 2020	No issues. Found bottles, leaves, and paper	None	Est. 2' depth. Cleaned.
UC Sports Center	31224 Union City Blvd	NO	City	6/22/15	Scheduled	UTD – Stormceptor 450i	No issues. Found bottles, leaves, and paper	None	Est 6" depth. Cleaned.
Talavera – Tract 7601	32811 Orick St	NO	City	6/22/15	Scheduled	UTD – CDS 4040	No issues. Found bottles, leaves, and paper	None	Est. 72" depth. Cleaned.
Tract 7393	34199 Governo Dr	NO	City	6/17/15	Scheduled	UTD – CDS 2020	No issues. Found bottles, leaves, and paper	None	Est. 24" depth. Cleaned.
UC Fire Station #33 (was #3)	22942 Seventh St	NO	City	6/22/15	Scheduled	UTD – CDS MFS Model 72MH	No issues. Found bottles, leaves, and paper	None	Est 4" depth. Cleaned.
Sea Breeze Park	Del Monte Court/Carmel Wy	NO	City	7/6/15	Scheduled	Pond	None	None	Inspected
Line M Detention Basin	35902 Green St	NO	City	7/6/15	Scheduled	Dry Pond	None	None	Inspected
Intersection by Mid-Pen	11 th St/Cheeves Wy	NO	City	6/22/15	Scheduled	UTD – CDS 4030	No issues. Found bottles, leaves, and paper	None	Est. 1.5 CY of material. Cleaned.
East Plaza & Transit Loop Road	11 th St. (East of Decoto Rd)	YES	City	7/6/15	45-day	Bio-retention facility	Proper Installation	None	Continue follow-up inspections in the future to ensure proper maintenance

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

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

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

⁴⁴State 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.

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

⁴⁶State 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 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
Promenade & Playground	11 th St. (East of Decoto Rd)	NO	City	7/6/15	Scheduled	Bio-retention Facility	None	None	Picked up loose trash
Acacia Creek	34400 Mission Blvd	NO	Private/Masonic Homes	7/6/15	Scheduled	UTD-CDS Media Filtration	Soil, leaves, mosquitoes	Sent notice	Needs to be cleaned and filters changed
99 Ranch Market	2931 Faber ST	NO	Private/Welcome Market	7/6/15	Scheduled	UTD-Hydro International Up-Flo Filter	None	None	Inspected
33233 Central Avenue	GCM	NO	Private/MKM Central, LLC	7/6/15	Scheduled	Bioswale	None	None	Inspected

C.3.e.vi.Special Projects Reporting Table												
Reporting Period –January1 – June 30, 2015												
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
Windflower Lofts	Windflower Properties, LLC	34588 11 th St.(Berger Way/11 th St.)	7/28/2014	1/27/2015 (date final approval granted)	Mixed Use – Primarily residential with 243 units and approx. 2,416 sf commercial in 4-storey high buildings.	2.46	98.8	N/A	Category C	Category C: Location:50% Density:10% Parking:20%	Flow-thru planters:65% anticipated (in detailed design)	Media filter is expected to treat 36 % of total runoff treated. (Details to be provided in detailed design)

⁴⁷Date 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.

⁴⁹Type 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.

⁵¹For 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.

⁵³List 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.

In the 2014/2015 reporting period, we maintained a relatively robust inspection frequency, despite our small inspection staff. We inspected all of our NOI facilities during the year. One key stormwater inspector left the program this year, which limited our food facility inspections. In the coming year we plan to hire a temporary clean water inspector to focus on routine restaurant inspections and follow-ups; we anticipate that this will get us back on track to conduct at least the initial inspection at all our food facilities before the end of the 2015/2016 period. This hiring is expected to occur in October 2015 and lead to an overall increase in inspections in the coming year.

Four out of five of Union City's trained stormwater inspectors attended the training sponsored by the Alameda Countywide Clean Water Program this year, at the City of Fremont Corporation Yard. Our staff attended and contributed to two of the four meetings of the ACCWP Industrial and Illicit Discharge Subcommittee meetings held during the reporting period.

We worked closely with the City's new Recycling Programs Coordinator and this assisted in identifying sites with discharges and BMP implementation problems. Having an additional set of eyes in the field has been helpful because we have a small inspection staff. The coordinator's focus on working directly with property owner's to clean-up trash enclosure areas represents good potential for improvement over time in these common areas of pollution exposure. We have been able to assist each other's programs by sharing information about field conditions, and using the threat of enforcement to encourage compliance. Our ongoing coordination with the Union Sanitary District, Alameda County Water District and the Health Department continues to improve our Clean Water capabilities, by identifying facilities with issues and in confirming follow-up actions are implemented and maintained.

This year we updated our facility lists, including the list of facilities reasonably expected to cause stormwater pollution and our list of facilities scheduled for inspection in the coming year. This year we began the process of updating our 5-year Business Inspection Plan. Revision will be completed on schedule by December 2015. One priority goal this year will be to complete initial inspections of all food facilities. We also plan to inspect our three agricultural facilities, which are new to the program and have not yet received an initial stormwater inspection.

Our City website and social media programs have undergone significant changes this past year, and clean water issues are receiving more attention. We have been working with the City's Public Information Officer to craft a library of outreach messages and we have provided clean water-related suggestions, related to water conservation and groundwater protection.

Refer to the C.4 Industrial and Commercial Site Controls section of the Countywide Program's FY 14-15 Annual Report for a further description of activities of the countywide program of which we are contributing participants.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

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

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

Refer to Attachment C.4.b.iii.(1) for the 2015/2016 Potential Facilities List.

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.

Refer to Attachment C.4.b.iii.(2) for the 2015/2016 List of Facilities Scheduled for Inspection

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	94	
Total number of inspections conducted	97	
Number of violations (excluding verbal warnings)	8	
Sites inspected in violation	8	8.2
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	8	100

Comments:
 "Sites inspected in violation" represent the total number of facilities that were found during routine inspections to have conditions requiring abatement within 10 days/before the next rain event.

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	2
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	2	20
Level 2	Notice of Violation	8	80
Level 3	Administrative Penalty/Cost Recovery	0	0
Level 4	Legal Action/Referral to State, Federal Agency	0	0
Total		10	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
Embedded Food Services	1	0
Fast Food Restaurant	1	0
Full Service Food Restaurant	1	0
Grocery Store	2	0
Manufacturing	1	0

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

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

⁵⁰List your Program's standard business categories.

Warehouse/Distribution	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:

During inspections this year we identified two facilities that may need Industrial General Permit coverage:

- Summit Plastering, 33363 Lewis Avenue, Union City, 94587
- New Haven Unified School District (NHUSD) Corporation Yard, 3636 Smith Street, Union City, 94587

We have been working with NHUSD, who has hired a consultant to assist in the determination as to whether coverage under the NPDES permit may be required.

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: City of Fremont Corporation Yard	6/3/15	Review of new Drinking Water discharge permit; C.4 overview; Industrial General Permit update; Using and understanding CASQA BMP Handbook; BMPs at Industrial and Commercial Facilities; PCBs and PCB-containing equipment; Mock inspections at typical sources.	4	80%

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

Program Highlights

Provide background information, highlights, trends, etc.

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

We continue 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.

Union City Public Works management places a high priority on the Clean Water Program. The City's vacuum trucks are deployed for even very small releases, such as a case of household food dumped into storm drains. We actively utilize the door hanger we developed as members of the Industrial and Illicit Discharge Control subcommittee of the countywide program, for use where a responsible party cannot be identified.

As we revise and update our Union City General Plan over fiscal year 15/16, we will be focusing more than ever on water quality program improvements that we believe will reduce and ultimately eliminate some sources of pollution. Public Works, Environmental Programs and the Planning Division have standard conditions of approval for new development projects that requires certain actions to minimize runoff of metals and salts, including prohibition of untreated copper and lead materials in gutters, downspouts and roofing.

The City website was completely revamped over the last two years and due to circumstances beyond our control, some stormwater-related pages and links were not transferred to the new website. Both the Public Works and the Environmental Programs web pages will be amended to again provide information to residents and businesses on Clean Water issues, with the links to BASMAA, CASQA, the Alameda Countywide Clean Water Program (ACCWP), Union Sanitary District and the Alameda County Water District restored. We anticipate this will occur after the hiring of a dedicated web manager, sometime in late 2015. Our goal is to have the Clean Water website links updated and expanded before the end of the 15/16 reporting period.

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

Union City staff from Public Works and Environmental Programs attended and actively participated in two of the four Alameda Countywide Clean Water program (ACCWP) IIDC meetings held in FY 2014/2015. City staff participated in a number of outreach events where educational materials were provided, including Earth Day and Public Works Demonstration Day.

We have noted that the particular cultural demographics of our community may be contributing to low public reporting levels and low awareness of Clean Water Program requirements. Food waste oil is frequently found dumped in storm drain inlets and we have found that the responsible parties were unaware of the implications, believing the dumping is the proper method of disposal. We are working with our contract hauler, Tri-CED Community Recycling, and our Union City Recycling Program to improve outreach and education, and will be revising our website to provide targeted Clean Water information for our community, such as proper disposal of cooking grease.

See Section C.5 – Illicit Discharge Detection and Elimination section of the ACCWP FY 14-15 Annual Report for a summary of Program activities at the countywide level.

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

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

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

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

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

Description:

We participated in the Industrial and Illicit Discharge subcommittee that developed the "Tips for Mobile Businesses" handout and we continue to promote it, at our customer service counter, on our website, in our lobby handouts and as a planned social media announcement. To date we have not received any complaints nor completed any inspections of mobile businesses. We coordinate with the County Health Department on any health issues concerning these types of mobile business operations, but during the 14/15 reporting year we did not receive or refer any such complaints. No issues regarding mobile businesses were observed by our inspectors this year.

Refer to **Attachment C.5.d.iii – Tips for Mobile Businesses** for an example of the Tips for Mobile Businesses handout.

We actively promote the BASMAA certified surface cleaners program through inspections and outreach to the public through our website and social media. Internally, we have our own fleet of surface cleaning equipment operated by Public Works using strict BMPs, so have not have a need for outside contracting. Nonetheless, the Public Works Superintendent has instituted an informal policy to contract through the BASMAA certified surface cleaners program if needed.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the countywide program’s FY 14-15 Annual Report for a description of the efforts of the countywide subcommittee, in which we are active participants.

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 by 70% by July 1, 2017, we will be progressing to have a total of 353 trash capture devices installed in our catch basins by July 1, 2016. 151 TCDs were installed prior to July 1, 2014 in our trash hot spots areas of retail and wholesale as well as high density residential. Next, the city is mainly targeting industrial and high density single-residential areas and expanding the reach of retail areas with plans to install even more in the future.

Each catch basin with trash capture devices are vactored 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. Currently, the only trash capture devices found to be at capacity during construction are in the downtown areas which are filled with plant debris.

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))	8	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	7	87
Discharges resolved in a timely manner (C.5.f.iii.(3))	6	75

Comments:

Complaints to the City’s Clean Water Program are received by several units, including Environmental Programs, the Public Works main phone line, and the Code Enforcement message system. All calls are responded to promptly by trained Clean Water program inspectors.

In practice, our Clean Water Program staff are aware that field crews identify many more discharge and potential discharge cases than are reported or recorded. We continue our training of City staff in the importance of recording clean-up incidents, but the crews have a tendency to

correct the problem and not properly record it. For instance, spilled paint, building materials, and auto fluids in the street are promptly cleaned up but not routinely reported. We hope to be able to improve the accuracy of these and potential discharge reports in the coming year, through ongoing training, which would significantly increase the number of reported spill and discharge incidents.

The data represent confirmed discharge cases. There were no additional reports that were unsubstantiated in the field or prevented from reaching the storm drain system.

Two cases this year were not resolved in a timely manner and deserve special explanation. Most significantly, a discharge reported on May 13 was not abated for approximately 79 days. A resident reported what was believed to be sewage in a storm drain outfall at William Cann Neighborhood Park and staff investigated the same day. The release was contained, determined to be some sort of organic material rather than sewage, and cleaned up by City crews. The investigation on the source of the material was inconclusive, but pointed to several possible businesses sharing a storm drain lateral approximately one mile from the discharge point. With no responsible party identified the case was closed and the discharge believed to have been abated.

Then, on July 8 a similar discharge was again observed in William Cann Neighborhood Park. Utilizing Public Works Streets crews, Environmental Programs staff, support from Alameda County Water District, Union Sanitary District and California Fish and Wildlife Department Wardens the source was identified. The responsible party was positively identified as Sterling Foods, located at 33300 Western Avenue, Union City. The cause was a construction error where a food production discharge line was connected to the storm sewer rather than the sanitary sewer. Management staff at Sterling Foods were not aware of the plumbing mistake, which had been inspected by an outside agency inspector, and accepted full responsibility for the discharge once it was brought to their attention on July 9. Sterling immediately contracted with and brought out an environmental cleanup contractor, Environmental Logistics, LLC, and implemented a full cleaning and removal of illicit discharge materials from approximately a mile and a half of the storm sewer line. After cleanup, the pipe run was recorded on digital video and reviewed by City staff to confirm adequate cleanup. The cleanup was deemed fully complete around July 31. The primary discharge material was food-contaminated cooking water from bagel boilers and other food production activities, including numerous sesame seeds. More than 50 tons of contaminated debris was removed from the storm drain line at a cost to Sterling of \$500,000 or more. Most of the material was sand and gravel that had accumulated in the pipe, and as it was contaminated with the food waste from Sterling it was all removed and properly disposed by the contractor.

Subsequent investigation led us to also ascribe responsibility for the May discharge to Sterling Foods; for enforcement purposes we are considering both incidents to be the same event. The enforcement reporting of this single event will be included in our 15/16 Annual Report, to account for the July discharge that falls outside the reportable date range of this report, the significant cleanup activities conducted in July, and the administrative enforcement and legal action which has not yet been finalized and falls outside the dates of this FY 2014/2015 reporting period.

Although the overall time required from initial report to abatement was far longer than desired, once notified, the significant efforts and positive attitude of the responsible party might reasonably be deemed to have been resolved in a timely manner (though it is herein recorded as not having been resolved in a timely manner). Union City is issuing an administrative citation with cost recovery for the discharge, and also coordinating with Fish and Wildlife and the Alameda County District Attorney for additional enforcement through the DA's office. The game wardens determined that cleanup in the actual creek bed was not required, so the entire effort was devoted to the City's storm drain system pipes. During the cleanup activities (and from the first identification of the July discharge) the valves allowing flow into Alameda Creek were

closed, so no additional release could occur.

In a much-less significant incident, a construction site took some 35 days to remove debris and materials that threatened a potential discharge but did not reach the storm drain system. This took longer than desired to resolve, but it was eventually cleaned without a release to the system. Language and cultural issues may have been partly responsible for the delay in the improved housekeeping, as building inspectors reported similar problems in this case. This was deemed to have not been completed in a timely manner. The condition is now fully abated and resolved.

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

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

Refer to **Attachment C.5.f.iii.(4)** for the Summary of major types of discharges and complaints.

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	3	3
<p>Comments: The total number of inspections conducted on these sites disturbing greater than or equal to 1 acre of area, are as follows:</p> <ul style="list-style-type: none"> - Coast Tropical: 4 - Pulte Homes: 2 - Westcore: 14 		

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	1	100
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
Total⁵³	1	100%

⁵¹Count 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.

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

⁵³The 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	0	0
Level 2	Notice of Violation (Written)	1	100
Level 3	Formal Enforcement (penalties, cost recovery)	0	0
Level 4	Legal Action/or Referral to State and Federal Agencies	0	0
Total			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)	0

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

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

⁵⁶For 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)	1	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	1	100%
Comments: All violations notified were resolved within 10 days.		

C.6.e.iii.(2) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: 20 inspections were performed and only one written notice was made for failing inlet filters. By having routine inspections, as well as before and after storm inspections, contractors maintain the required BMPs throughout the construction phase of all projects that could potentially have a detrimental effect on water quality.

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness
Describe what appear to be your program’s strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: By incorporating MRP related requirements in all construction projects, irrespective of the project size, we are better able to ensure BMPs are correctly installed and maintained. In the past, there was a need to regularly remind inspectors to complete Inspection Checklists for projects, but the need has since diminished and the program’s effectiveness is better demonstrated in last year’s reporting frequencies.

⁵⁷Calculated 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.

⁵⁸Calculated 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.

⁵⁹The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.f ▶ Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Inspecting C.6 BMPs & Installation Demonstration	3/5/15	Correct uses of specific BMPs Proper installation and maintenance of BMPs Permit requirements Copper Architectural BMPs.	2	100%
Inspecting Permanent Stormwater Treatment Controls	10/16/14	Inspecting C.3 LID systems.	2	100%
Innovations in Municipal Maintenance	10/29/14		11 from Grounds Dept.	0%

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

C.7.b.ii.1 ▶ Advertising Campaign

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

Summary:
 See Section C.7 Public Information and Outreach of the Countywide Program’s FY14-15 Annual Report for a summary of Program activities.

Local advertising efforts include the continuance of bus ads, distribution of Clean Water materials, and attendance by city staff at various events to promote Clean Water. Articles ranging from activities such as planting trees, installing drip irrigation, creek cleanups, and more performed by local Boy/Eagle Scouts, are also shared online via Tri-City Voice and other publications.

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:

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

	Survey report attached
X	Reference to regional submittal: Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY14-15 Annual Report

C.7.b.iii.2 ▶ Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

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

	Survey report attached
X	Reference to regional submittal: Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY14-15 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 14-15:

- BASMAA Media Relations Final Report FY 14-15

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 14-15 Annual Report.

Local media efforts include Clean Water bus ads, online articles regarding citizen involvement efforts by Boy/Eagle Scouts, high school student participation, creek cleanup, etc. Bus ads state that "If it goes down the storm drain... it ends up in our water".

Some articles published are listed here:

- Aug 9, 2014, Bay Friendly Environmental Project. <http://www.tricityvoice.com/displayPages.php?issue=2014-08-19&page=30>
- Oct 25, 2014, Make a Difference Day. <http://www.tricityvoice.com/displayPages.php?issue=2014-11-04&page=29>
- January 2015, Wildflowers. <http://www.tricityvoice.com/displayPages.php?issue=2015-06-23&page=32>
- January 10, 2015 Irvington students... <http://www.tricityvoice.com/displayPages.php?issue=2015-03-24&page=42>
- April 25, 2015 Earth and Arbor Day. <http://www.tricityvoice.com/displayPages.php?issue=2015-05-19&page=29>
- May 2015, Chinese Pistache Trees... <http://www.tricityvoice.com/displayPages.php?issue=2015-07-14&page=29> & <http://www.tricityvoice.com/displayPages.php?issue=2015-06-16&page=36>
- June 10, 2015, Water Conservation Festival. <http://www.tricityvoice.com/articlefiledisplay.php?issue=2015-06-23&file=SeniorWaterConservationFest+415P+++TCV.txt>

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 14-15: **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 under the Public Works Department.

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.	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.
Community Stewardship Grants Program	The Countywide Program sponsors the Community Stewardship Grants (CSG) Program. The CSG Program provides approximately \$25,000 annually in \$1,000 to \$5,000 increments to individuals and community groups to support stormwater improvement/outreach projects throughout the County.	Community Stewardship Grants Program
Earth Day, April 2015 Washington Hospital	Adults and children of various ethnicities attended this event. Messages consist of recycling facility locations, "No Dumping into the Storm Drain", proper disposal of hazardous wastes, etc.	The event was attended by approximately 1000 people. Handouts, brochures on water pollution prevention, (150) clean water shopping bags, and (500) bay friendly plants were distributed by Union City staff (3). Newspaper publication: http://www.tricityvoice.com/displayPages.php?issue=2015-05-19&page=29

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary: See Section C.7 (Public Outreach and Involvement) of the ACCWP FY 14/15 Annual Report for a summary of the *Bringing Back the Natives Garden* Tours that is sponsored by the Program.

Public Works recently shut down the irrigation to numerous lawns along Union City Boulevard, Mission Boulevard, Willow Lane, and Myrtle Lane as part of our drought response plan. Drought tolerant trees were also planted and drip irrigation lines are being installed to save hundreds of gallons of water per week.

- 8,000 lbs of grass seeds were spread by Grounds to pretreat storm waters and absorb water back into the water table.
- 300 lbs of wildflower seeds were spread to provide food to creatures and birds, as well as beautify the city.
- 731 trees were planted throughout the city.
- Approximately 12,000 LF of drip line irrigation was installed throughout the city.

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
<p>Make a Difference Day, October 26, 2014</p>	<p>Make a Difference Day is the most encompassing national day of helping others – a celebration of neighbors helping neighbors. Everyone can participate. Since 1995, City of Union City staff and the community have joined forces to participate in Make a Difference Day activities. Past improvement efforts have included planting trees, removal of graffiti, painting, ivy removal, playground equipment installation, and other beautification projects.</p>	<p>Many volunteers from different organizations joined forces in another Make a Difference Day in Union City. Please see the online article for details. http://www.tricityvoice.com/articlefiledisplay.php?issue=2013-11-05&file=UCMakeaDifference+309TSP+++TCV.txt</p>

Arbor Day, April 26, 2014	"Helping Hands" community service and Union City Public Works employees assisted Boy Scouts of American Troop #110 in planting and staking trees to mark Arbor Day.	275 native trees were planted at Seven Hills Park. Volunteers also installed drip line emitters to each tree.
Water Conservation Festival, June 10, 2015	Vintage Court Senior Apartments in Union City had a Water Conservation Festival for their residents. Every unit shares only one large water meter, so it is unclear how much water each unit uses. As a team, residents used the Water Festival to learn and brainstorm new ideas to conserve water. Union City Public Works staff talked about water conservation efforts.	Water saving ideas created through their years of trial and error was shared amongst seniors. Seniors made creative posters and illustrating pictures and ideas on saving water and prizes were awarded based on various categories. This event is documented on Tri-City Voice: http://www.tricityvoice.com/articlefiledisplay.php?issue=2015-06-23&file=SeniorWaterConservationFest+415P++TCV.txt
Science in the Park, October 4, 2014	A clean water event was held at Alden E Oliver Sports Park in Hayward. Estimated 2000 attendees.	Clean Water materials were distributed at the event. Children learned of the science behind keeping water clean by playing games and how used oil badly effects the environment and water quality. Staff was overwhelmed with the number people in line to play the clean water game.

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 Demonstration Day, May 19, 2015	Public Works staff visited Pioneer Elementary School to talk about Public Works and	844 students from K – 5 th Grade	Students and teachers of Pioneer Elementary School were visited by Public Works staff to learn about water pollution, used oil, and play games related to clean water. Materials promoting the clean water program were distributed as well.

<p>Bay Friendly Environmental Project, Aug 9, 2014</p>	<p>On August 9, 2014, students from James Logan High School wanted to participate in a bay friendly environmental project to help their community and improve the quality of wildlife.</p>	<p>11 students</p>	<p>Drought tolerant planting will provide a food source to birds and pollinators. Students learned of the Seven Principles of Bay-Friendly Landscaping and Gardening. Newspaper Publication: http://www.tricityvoice.com/displayPages.php?issue=2014-08-19&page=30</p>
<p>Halloween Carnival, Oct 2014</p>	<p>A Halloween Carnival was held locally at Holly Community Center where a large number of students and children were in attendance. A booth providing clean water materials was made available.</p>	<p>Est. 100 students</p>	<p>There was a very good turnout consisting of many children/students from various grade levels and parents.</p>
<p>See the Section C.7 of the ACCWP FY 14/15 Annual Report for a summary of the Program's School-Age Outreach Program</p>			

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 14-15, 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 14-15 Annual Report and the Integrated Monitoring 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 2014-15 and discontinued use of other pesticides.						
Trends in Quantities and Types of Pesticides Used⁶⁰						
Pesticide Category and Specific Pesticide Used	Amount⁶¹					
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Aqua Master	N/A	N/A	96 ounces	-	-	640 ounces
Evade	22.21 gallons	36.84 gallons	48.85 gallons	25.74 gallons	28.43 gallons	15.90 gallons
Fumatoxin	N/A	192 grams	1920 grams	1643 grams	84 grams	78 grams
Kleenup Pro	-	-	-	24.95 gallons	41 gallons	-
Ranger Pro	249.62 gallons	490.9 gallons	585.36 gallons	382.42 ounces	54.896 gallons	-
Roundup PRO	-	-	-	-	24.2 gallons	-
Roundup PROMAX*	-	-	-	-	237.8 gallons	446.69 grams
Safari	N/A	N/A	228 ounces	50 ounces	83 ounces	55 ounces
*Usage of Kleenup Pro, Ranger Pro, and Roundup Pro, were discontinued and replaced by Roundup PROMAX.						

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

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

C.9.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.	9
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	9
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.		

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 14-15, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional 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 use 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

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 14-15 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 14-15 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.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture						
Type of Device	# of Devices	Acres Treated in FY 14-15 by Trash Generation Category				
		Low	Moderate	High	Very High	Total
Connector Pipe Screens or Filters	353	199	573	125	0	897
Netting Devices	0					
HDS Units	12					
Gross Solid Removal Devices	0					
HID Facilities	7					
Total for all Types	372					897
Required by Permit						55
<p>Maintenance Summary (Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions).</p> <p>Descriptions of Maintenance Activities: Inlets which appear full are scheduled for an additional vacator cleaning as early as possible. This mainly occurs at locations where trees exhibit large leaves that drop and go into the storm drain inlet. The City uses a vacator 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. There was one occurrence when a storm drain grate had fallen and damaged a trash capture device, but it was fixed in a timely manner.</p> <p>In section C.10.d Part B, the number and types of full trash capture devices that are installed are listed. In addition, please refer to Attachment C.10 – Full Trash Capture Device Map to see new area captured by additional trash capture devices to be installed by July 1, 2017 and take us closer to our 70% trash reduction goal.</p>						

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

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2014-15 to the extent possible. Also, provide additional information on creek cleanups conducted beyond those required that are .

Trash Hot Spot	FY 14-15 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					Dominant Type(s) of Trash in FY 2014-15	Trash Sources in FY 2014-15 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15		
Alvarado-Niles RD/Dyer ST	1x/week	NA	~2CY 2x/yr	~1CY 2x/yr	~1 CY each time	~1 CY each time	Plastics, papers, bottles, bags, food wrappers, cups	Fast food/shopping center
Hall Ranch Park/Dyer ST	1x/week	NA	~2x CY each time	~1 CY each time	~1 CY each time	~1 CY each time	Papers, bottles, bags, food wrappers, leaves, balls	Park use, school
Union Landing Shopping CTR	1x/week	NA	~2x CY each time	~1 CY each time	~1 CY each time	~1 CY each time	Food wrappers, papers, leaves, cups	Shopping center (movie theater, restaurants, cafes)
Union Square AVE	1x/week	NA	~2x CY each time	~1 CY each time	~1 CY each time	~1 CY each time	Leaves, bottles, cups, papers, food wrappers	BART station, high-density housing, fast food
Alvarado-Niles RD/Decoto ST	1x/week	NA	~2x CY each time	~1 CY each time	~1 CY each time	~1 CY each time	Leaves, bottles, papers, cups, food	Fast food/shopping center, gas station
Dyer ST/Alvarado BLVD	1x/week	NA	NA	~1 CY each time	~1 CY each time	~1 CY each time	Bottles, papers, cups, leaves, food wrappers	Fast food/shopping center, restaurants, gas station

Note: 1 CY = 202 gallons; To be conservative, estimate each 55 gallon bag to contain 16.5 gallons of trash (33% full).
In previous years, trash collection was performed 2x per year. This year, cleanups were conducted 43 additional times similarly to last year.
Approximately 20 bags total of trash for all sites x 43 times/year = 860 bags;
= **70.25 CY** or **~14,190 gallons** of ground litter collected at hotspots citywide. Hotspots are being cleaned once per week on Mondays.

Of the ground litter collected, it is estimated that only **10%** of the trash collected may have ended up in the storm drain system. As such, **1,419 gallons** of trash for **7.33% reduction** is being claimed.

Additional Receiving Water Cleanups - Please see **Attachment C.10.b.ii – Creek Cleanups and More** for additional water cleanups. 210 gallons were collected which accounts for an additional **1.08%** reduction.

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

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

Description of Significant Revision	Associated TMA
No changes to Long Term Trash Load Reduction Plan	

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
Single-use Plastic Bag Ordinance or Policy	The Alameda County Waste Management Authority adopted the Single-Use Bag Ban. As of January 1, 2013, all grocery stores, supermarkets, mini-marts, convenience stores, liquor stores, pharmacies, drug stores or other entities that sell milk, bread, soda and snack foods (all four items) and/or alcohol (Type 20 or 21 license) in Alameda County must comply with the Single-Use Bag Ban Ordinance. Affected stores may no longer provide customers with single-use bags at check-out. A copy of the Ordinance is available on the Alameda County Waste Management Authority's website: http://reusablebagsac.org/ordinancetext.html	See Section C.10 of the ACCWP FY 14-15 Annual Report.	See Section C.10 of the ACCWP FY 14-15 Annual Report.	4%
Other Source Control Actions with sufficient documentation and supporting assessment				

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

- The total jurisdictional area and the % of that area that generated very high (VH), high (H), moderate (M), or low (L) levels of trash in 2009, as depicted on trash generation maps;
 - Total jurisdictional area that generates VH = 0 acres, 0%
 - Total jurisdictional area that generates H = 228 acres, 2%
 - Total jurisdictional area that generates M = 1,660 acres, 14%
 - Total jurisdictional area that generates L = 10,234 acres, 84%
- The dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA is shown in the chart Part B.
- Area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % and acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories that are currently treated by full capture devices are shown in the chart below.
- Control measures other than full capture devices implemented to-date are stated in the chart summary.
- Provide the acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories in areas associated with actions other than full capture devices in the TMA;
- Please refer to chart below to see the methods used to evaluate the effectiveness of control measures other than full capture devices.
- Acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices are shown in the chart below.
- Please refer to chart for acres in VH, H, M or L generation categories after accounting for reductions associated with ALL control measures (i.e., full capture and other actions) implemented to-date in the TMA
- Please refer to chart for an estimate of the % of trash reduced in the TMA and jurisdiction wide.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Baseline Generation Areas (2009)	Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
1	120	Restaurants, litter from bus stops, moving vehicles, etc.	All Types		0	106.3	13.3	0.6
2	20	Restaurants, litter from bus stops, moving vehicles, etc.	All Types		0	17.2	2.6	0
3	85	Restaurants, litter from bus stops, moving vehicles, etc.	All Types		0	48.2	7.5	29.4
4	39	Restaurants, litter from bus stops, moving vehicles, etc.	All Types		0	28.2	10.5	0
5	245	Gas station, litter from bus stops, etc.	All Types		0	0.8	115.1	129.6
6	49	Gas station, litter from bus stops, etc.	All Types		0	1.7	47.6	0.1
7	302	Dispersal of household litter	All Types		0	3.8	234.4	63.5
8	651	Fast food restaurants, construction debris, etc.	All Types		0	4.9	488.2	158
9	327	Litter from bus stops, moving vehicles, etc.	All Types		0	0	312.9	14.1
10	70	Dispersal of household litter, cups, papers	All Types		0	0	70.1	0
11	142	Litter from restaurants, convenience stores, etc.	All Types		0	0	138.1	4.0
12	189	Dispersal of nearby household litter, papers, wrappers	All Types		0	13.8	175.1	0

13	21	Litter from moving vehicles, papers, cups, etc.	All Types		0	0	20.0	1.4	
14	15	Papers, litter from convenience stores, etc.	All Types		0	1.6	13.5	0.2	
15	9846	No trash	All Types		0	1.3	11.6	9833.0	
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices			Area Treated by Full Capture Devices	0	125	573	199
	897	353 Connector Pipe Screens/Filters; 12 Hydrodynamic Separators; 7 LID Facilities							
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption				Area Not Treated by Full Capture Devices	0	103	1088	10,035
	Actions implemented include Single-use Plastic Bag Ordinance or Policy and public outreach programs targeted at trash reduction and implemented post-MRP reduction.				Area after Accounting for Other Actions (based on assessment results)	0	103	1088	10,035
	Assessment Methods for Control Measures Other than Full Capture Devices								
	On-land visual trash assessments were conducted for areas which were not covered by a TCD. Documentation is available and can be provided upon request. Please note that credit for the single-use plastic bag ban policy is not being included here.								
	Summary of Assessment Results								
Using on-land visual assessment protocol from the Trash Reporting Tool a total of... <ul style="list-style-type: none"> - 58 acres in TMA 1: 0% were assessed as L, 21% M, 79% H, and 0% VH. - 13 acres in TMA 2: 0% were assessed as L, 63% M, 38% H, and 0% VH. - 21 acres in TMA 3: 0% were assessed as L, 52% M, 48% H, and 0% VH. - 18 acres in TMA 4: 0% were assessed as L, 56% M, 44% H, and 0% VH. - 41 acres in TMA 5: 27% were assessed as L, 73% M, 0% H, and 0% VH. - No assessments in TMA 6. - No assessments in TMA 7. - 244 acres in TMA 8: 41% were assessed as L, 59% M, 0% H, and 0% VH. - 298 acres in TMA 9: 33% were assessed as L, 67% M, 0% H, and 0% VH. - 60 acres in TMA 10: 25% were assessed as L, 75% M, 0% H, and 0% VH. - No assessments in TMA 11. - 173 acres in TMA 12: 20% were assessed as L, 80% M, 0% H, and 0% VH. 									
									301

	<ul style="list-style-type: none"> - 20 acres in TMA 13: 0% were assessed as L, 100% M, 0% H, and 0% VH. - 13 acres in TMA 14: 0% were assessed as L, 100% M, 0% H, and 0% VH. - No assessments in TMA 15. 		
		Area After Taking into Account Full Capture Devices AND Other Actions	1197
		Estimated % Trash Reduction in all TMAs	7.4%

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

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and receiving water cleanups not reported in C.10.b.iii.

In section C.10.d Part B, the number and types of full trash capture devices that are installed are listed. In addition, please refer to **Attachment C.10 – Full Trash Capture Device Map** to see new area captured by additional trash capture devices to be installed by July 1, 2017.

Discussion of Trash Reduction Estimate (including Receiving Water Cleanups):

For a list of additional trash loads reduced via other programs, please see **Attachment C.10.d – Additional Trash Reduction Actions**

Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)	4%
Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B)	42%
Estimated % Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Devices in All TMAs) (as Reported in C.10.d. – Part B)	12%
SubTotal for Above Actions	57%
Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)	8 %
Total Estimated % Trash Reduction FY 14-15	66%

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

See Section C.11 of the ACCWP FY 14-15 Annual Report for a summary of countywide recycling efforts.

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.

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. The City of Union City Recycling Program Annual Report reports the city has collected 16,065 lbs. of used batteries throughout 2014. 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.

C.11.a.ii ► Mercury Collection

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

Please refer to the FY 14-15 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 14-15 Annual Report, Integrated Monitoring Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

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

Description:

Four of our five Union City Clean Water inspectors participated in the annual inspector training sponsored by the Alameda Countywide Clean Water Program, which this year included specific instruction on identifying CBs and PCB-containing equipment. Our inspectors conducted approximately 100 inspections at different businesses this year and did not find any PCBs or PCB-containing equipment.

Union City is in the early planning stages to possibly host one or two regional inspector training sessions, possibly focused on Clean Water industrial inspection issues or targeted to hazardous waste facility inspections. Identification of PCB-containing equipment and PCB- issues would be expected to be included in either or both such trainings. Planning and scheduling is currently underway, though our local hosting of such an event is still undetermined and subject to the needs of numerous different jurisdictions and calendar constraints.

Refer to the FY 14-15 Clean Water Program Annual Report for a description of training conducted by the Program.

- C.12.b ► Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities**
- C.12.c ► Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations**
- C.12.d ► Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.12.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.12.f ► Diversion of Dry Weather and First Flush Flows to POTWs**
- C.12.g ► Monitor Stormwater PCB Pollutant Loads and Loads Reduced**
- C.12.h ► Fate and Transport Study of PCBs In Urban Runoff**
- C.12.i ► Development of a Risk Reduction Program Implemented Throughout the Region**

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

Summary:

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 14-15 Annual Report, Integrated Monitoring Report.

Section 13 - Provision C.13 Copper Controls

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

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

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

The City of Union City, working with the Alameda Countywide Clean Water Program, has conducted a records review and google map search of all parcels that were listed in the late 1960's as industrial uses. The majority of these properties have been redeveloped and are now residential or commercial retail. Only a small percentage of these properties are still zoned industrial and most have been converted to warehouse or new businesses which do not generate PCB's. We have reviewed past inspections and violations and have found no records of PCB storage or discharges for existing properties within Union City. Our inspections in the current period also did not identify any sources of copper.

Union City prohibits through zoning and building permit conditions of approval any discharge to the storm drain of water used in the installation, cleaning, treating and washing of architectural copper. Our policies and handouts require that the following BMP's must be implemented if architectural copper is used in a project.

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

During maintenance the following BMP's must be followed:

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

City staff in Building, Planning, and Engineering divisions has 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 act to end and contain any discharge, and follow the procedures outlined in the City's Clean Water Enforcement Response Plan.

C.13.c ► Vehicle Brake Pads

The Permittees shall engage in efforts to reduce the copper discharged from automobile brake pads to surface waters via urban runoff.

See the FY 14-15 Program Annual Report for a description of activities conducted by the Program and BASMAA.

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.

Through our commercial and industrial inspection compliance activities, we have confirmed that very few architectural or other copper sources currently exist in Union City. Through our pre-development review activities, wherein planning, clean water, public works and other staff coordinate closely with development applicants on the specifics of proposed projects, we actively discourage use of copper products that have the potential to cause water pollution. Also, the nature of our community and commercial/industrial sector has not historically used copper in building and architectural components, other than standard copper tubing and wiring. After reviewing our facility inspection lists we were unable to identify any sites believed to be sources of copper, nor were we able to find evidence of copper discharges at any of our facility inspections this year.

We will continue to monitor development activities and focus on pollutants of concern, including copper, in all phases of development: pre-planning, construction and post-construction maintenance. Our clean water inspectors continue their ongoing training and discuss copper issues periodically. We continue to require as a condition of approval for building permits that applicants comply with best management practices on the elimination and reduction of copper runoff before, during and after installation. And through our clean water inspection program we continue to 'keep our eyes open' for existing, unidentified sources of copper pollution.

At one of our industrial businesses that used copper in a printing process, we recently assisted the operators in switching to a less hazardous material; through substitution the facility was able to eliminate the use of copper in their printing process. The facility's printing was entirely inside the building and discharged through a treatment system to the sanitary sewer. We never identified an offsite discharge concern at the business; the facility was motivated to eliminate the copper for business reasons, primarily to eliminate the burdensome permitting and reporting requirements related to the waste treatment.

Please refer to the Alameda Countywide Clean Water Program (ACCWP) annual report for additional information on countywide activities during the current reporting period. Union City staff actively participate in ACCWP subcommittees, including the Illicit and Industrial Discharge subcommittee. Please also reference the Bay Area Stormwater Management Agencies Association inspector training materials on pollutants of concern, which are a key component of our countywide efforts on promoting consistency in inspections and producing effective educational outreach materials.

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

The Permittees shall conduct or cause to be conducted technical studies to investigate possible copper sediment toxicity and technical studies to investigate sub-lethal effects on salmonids.

See the FY 14-15 Program Annual Report for a description of activities conducted by the Program and BASMAA.

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

Note: There are no reporting requirements in the FY 14-15 Annual Report for Section C.14.

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	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: 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. 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>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.</p> <p>Grounds Department work with volunteers to plant various drought resistant plants and drip systems. Articles of each of these events are published in Union City Patch to share with the community. In addition, many volunteers from Boy and Eagle Scouts collaborated with Grounds Department to plant drought tolerant and native vegetation, cleaned up over 1,700 lbs of garbage, and installed 12,000' of drip line irrigation.</p>

Drip line irrigation installation:

- Sea Breeze Park Trail: Converted all pop ups to bubblers at each native plant. (175 bubblers)
- Make a Difference Day: Dyer Street to Jean Drive. (1,500' of drip line to 129 planted trees)
- Centro de Servicios: 20 trees planted and 300' of drip line installed.
- Alvarado-Niles Road median: 4,000' of drip line ran from tree to tree.
- Earth Day: Planted 84 native trees and ran 3000' of drip line.
- BoA Troop 20: Ran 1,200' of drip line for 27 trees planted on Dyer Street
- BoA Troop 273: Ran 1,200' of drip line for 35 planted trees on Dyer 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 14-15 Annual Report.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶³

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) ⁶⁴	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵² .	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁵	Inspector arrival time	Responding crew arrival time
The Alameda County Water District is the water purveyor for the City of Union City.														

⁶³This table contains all of the unplanned discharges that occurred in this FY.

⁶⁴Monitoring 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.

⁶⁵. 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

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

UNION CITY CLEAN WATER PROGRAM**LIST OF COMMERCIAL AND INDUSTRIAL FACILITIES WITH POTENTIAL TO CAUSE STORMWATER RUNOFF POLLUTION (FY 2015-2016)**

Name	Site Address
1/3 LB GIANT BURGER	33592 Alvarado-Niles Rd
10 Minute Oil Change Center 6	2601 Decoto RD
3PD Inc	1600 Atlantic ST
7 Eleven #16824	2609 Decoto RD
7 HILLS FOOD STORE	101 Appian WAY
7-Eleven Inc Store # 16104	32215 Alvarado-Niles RD
7-Eleven Inc Store # 21427	915 Whipple RD
A TOWN PIZZA	1830 Whipple RD
A&H Truck Repair	30319 Union City BLVD
A.S.I Cyber Concepts LLC	33548 Central AVE
AAA Fire Protection Services	30113 Union City BLVD
Abaxis	30411 Whipple RD
Abaxis	3240 Whipple RD
ABE Petroleum	33090 Mission BLVD
ABE Petroleum	33090 Mission BLVD A
Acacia Creek	34400A Mission BLVD
Air Liquide America	700 Decoto RD
Ajax Custom Mfg	34585 7th ST
AK Scientific	30023 Ahern AVE
Alameda County Pump Station J-3	32000 Union City BLVD
Alamillo Rebar	33353 Lewis ST
Alco Pump Station - Westview	32110 Alvarado-Niles RD
AlCo Pump Station J-2	4588 Delores DR
AlCo Pump Station J-3	32000 Union City BLVD
AlCo Pump Station-Eden Shores	2690 Eden Park PL
Alpine Awards	32400 Central AVE
Alvarado 76	31901 Alvarado BLVD

Alvarado 76	31909 Alvarado BLVD
Alvarado Business Park	30336 B Whipple RD
Alvarado Business Park (Fire Pump House)	4100 Whipple RD B
Alvarado Dye & Knitting Mill	30542 Union City BLVD
Alvarado Niles Shell	32187 Alvarado-Niles RD
Alvarado Resource Center	31880 Alvarado BLVD
Alvarado Valero	31890 Alvarado BLVD
Amber Kinetics	32920 Alvarado-Niles RD
Amcor Packaging Distribution dba Manufactured Packaging Products	33463 Western AVE
American Licorice Company	2477 Liston WY
AMY'S DONUT SHOP	1818 Whipple RD
ANDERSEN BAKERY & CAFE	31075 Courthouse DR
Anixter	30061 Ahern AVE
Antonio Naguiat Jr. & Olivia Magno DMD, Inc	33378 Alvarado-Niles RD
Applebee's Restaurant	30980 Dyer ST
Applied Industrial Technologies	30077 Ahern AVE
Arrow Trucking Company of California	30078 Eigenbrodt WY
Asbury Environmental Services	1220 Whipple RD
ASIA EXPRESS CHINESE FOOD	1710 Decoto RD
AT & T Mobility (24198)	32600 Carmel WY
AT & T Mobility (47438)	1295 Whipple RD
AT&T California	118 "E" ST P 5006
AT&T Mobility (13243)	2931 Faber ST
AU/ Shell #002	2001 Decoto RD
Auto Parts Source	1689 Atlantic ST
Autowise Automotive	35194 Alvarado-Niles RD
AutoZone #3338	32100 Alvarado BLVD
Avalon Union City	24 Union Square
Axygen	33210 Central AVE
AZ Auto Repair Parts LLC	33090 Mission BLVD
Azimuth Semiconducting	30593 Union City BLVD

BABY NUTRITIONAL CARE #101	32970 Alvarado-Niles RD
Backyard Bayou	32280 Dyer ST
Bakemark	32621 Central AVE
BAKERY LA MEJOR	34572 Alvarado-Niles RD
BAKERY-TAQUERIA UNO	1854 Whipple RD
Baldie's Cafe	2649 Decoto RD
Bank Of America - Lockbox	3180 Whipple RD
BANYAN TREE	1771 Decoto RD
BART Union City Substation (AUC)	10 Union Square
BASKIN ROBBINS	32232 Dyer ST
Bay Star Auto	1275 Atlantic ST
Benedict Armonio DDS, Inc	30067 Industrial PKWY
Best Contracting Services, Inc	4301 Bettencourt WY
Best Label	2900 Faber ST #1
BHARAT BAZAR	34301 Alvarado-Niles Rd
BHJ Products, Inc	1651 Atlantic ST
BIG BROTHER CAFE	1640 Decoto RD
Blommer Chocolate	1515 Pacific ST
Blommer Chocolate	33377 Transit AVE
BOBBY'S BAMBOO GRILL	31861 Alvarado BLVD
BOB'S DISCOUNT LIQUOR #7	32154 Alvarado BLVD
BOMBAY PIZZA HOUSE	31871 Alvarado BLVD
Bronco Billy's Pizza	3940 Smith ST
Burger King	1801 Decoto RD
Burger King #13768	31361 Alvarado-Niles RD
BV Family & Cosmetic Dentistry	2 Union Square Ste 230
C.R. Laurence	33200 Dowe AVE
Cadona, Inc	33401 Central AVE
Cal West Concrete Cutting	3000 Tara CT
California Supply North, Inc	29987 Ahern AVE
CAM HUONG SANDWICHES	32124 Alvarado BLVD

Cam Image, Mfg, Inc	33360 Dowe AVE
Caravan Bakery	33300 Western AVE
Caravan Bakery	33300 Western AVE
Cascade Scientific, Inc	32910 Alvarado-Niles RD
CEMEX Construction Materials Pacific, LLC	900 Whipple RD
Century Theaters, Inc.	32100 Union Landing BLVD
Chapel of the Chimes	32992 Mission BLVD
Chaplin's Sports Bistro	29200 Kohoutek WY
Chetak, Inc.	4000 Whipple RD
Chevron Station # 91166	1990 Decoto RD
Chevy's Fresh Mex Restaurant	31100 Courthouse DR
Chili's #624 Union City	32120 Dyer ST
Chipotle Mexican Grill	30920 Dyer ST
CHOWKING RESTAURANT	31838 Alvarado BLVD
City of Union City Corp Yard	34650 7th ST
Civic Center Shell	2001 Decoto RD
Civic Center Shell	2001 Decoto RD
Civic Center Shell	2001 Decoto RD
Coca Cola	1551 Atlantic ST
Cocoa Services West	29975 Ahern AVE
COLD STONE CREAMERY	30985 Courthouse DR
Cold Storage	740 Bradford ST
Conklin & Conklin Inc	34201 7th ST
Container Consulting Service Inc	1795 Atlantic CT
Criterion Brock	2913 Whipple RD
Crown Plaza	32083 Alvarado-Niles RD
Crown Worldwide Moving Storage	32001 Dowe AVE
CURRY KING	34579 Alvarado-Niles RD
Cybelle Tran, DDS	1755 Decoto RD
Da Vita Union City Dialysis Center	32930 Alvarado-Niles RD # 300
DAAWAT	33330 Alvarado-Niles RD

Dan Oden Swim Center	33901 Syracuse AVE
Dawn Food Products Inc.	2845 Faber ST
Decoto Family Dentist	2701 Decoto RD Ste 4
DELAINE EASTIN SCHOOL	34901 Eastin CT
Delta Pacific Products, Inc.	33170 Central AVE
Dental Office of Woo & Chin DDS	33341 Alvarado-Niles RD
Dental Offices of A.Woo & K.Chin	33341 Alvarado-Niles RD A
Deol Shell #136198	31301 Alvarado-Niles RD
Dollar Tree Stores, Inc (#1233)	1720 Decoto RD
DOMINO'S PIZZA	33600 Alvarado-Niles Rd
DONUT DELIGHT	34554 Alvarado-Niles RD
Dr. Eddon Duran DDS	4138 Dyer ST Ste 2
Dr. M. Arafiles-Reyes	32025 Alvarado BLVD
DRAGON HOUSE CHINESE RESTAURANT	31870 Alvarado BLVD
Dream Smile Dental	33141 Alvarado-Niles RD
Dynatech Machining	29530 Kohoutek WY
East Bay Landscaping	1147 Atlantic ST
Eden Foods, Inc.	30451 Whipple RD
Edwin P. Reyes, D.M.D.	32138 Alvarado BLVD
EL BURRITO SUPREMO	34587 Alvarado-Niles RD
El Mercado / Sweet Trendy	1767 Decoto RD
Eleanor Pulido, DMD	33404 Alvarado-Niles RD
Electrochem Solutions, LLC	32500 Central AVE
Elegant Marble & Granite	33100 Transit AVE
ELITE BAKERY	4123 Dyer ST
Elsa M. Ronquillo, DMD	1762 Decoto RD
Emerald Packaging Inc	33050 Western AVE
Empire Today, LLC	2900 Faber ST #2
Enersys	30071 Ahern AVE
Enersys Inc.	30069 Ahern AVE
Envirocheck	2845 Whipple RD

Eoff Manufacturing	32410 Central AVE
ERNIE'S WINE & LIQUORS	31846 Alvarado BLVD
Escutia's Auto	967 H ST
Excelsior Analytical Laboratory, Inc	30099 Ahern AVE
Family Dental Center	34399 Alvarado-Niles RD
FEDERICOS TAPAS & WINE BAR	30971 Courthouse DR
Fibralign Corp	32930 Alvarado-Niles RD Ste 350
Finelite	30500 Whipple RD
FOOD MAXX #463	30073 Industrial PKWY
FRESH & NATURAL CAFE	3555 Whipple RD
FreshPoint San Francisco	30340 Whipple RD
Fricke-Parks Press Inc.	33250 Transit AVE
Fuddrucker's	32175 Union Landing
Garland-White & Co.	4500 Tara CT
GCM Medical and OEM Division, Inc	1350 Atlantic ST Bldg 1
GCM Medical and OEM Division, Inc	33233 Central AVE Bldg 3
Gerry's Grill	31005 Courthouse DR
Golden Apple Corp	30049 Ahern AVE
GOLDILOCKS BAKESHOP	4126 Dyer ST
Grand J & K Corp	30118 Eigenbrodt WY
Graybar Electric	3089 Whipple RD
H & E Equipment Services	4381 Bettencourt WY
HAAFIZ FOOD MART	34595 Alvarado-Niles RD
Harjas Petroleum Inc	31889 Alvarado BLVD
Hartter 144 Inc. (KFC)	32004 Alvarado BLVD
Hartung Glass	700 Bradford ST
HD Supply Waterworks	34151 Zwissig WY
Heco - Pacific Mfg	1510 Pacific
Hertz Equipment Rental	1333 Atlantic ST
Hidemi, Oka, DMD, MD, MS, Inc.	33800 Alvarado-Niles RD St 4
Hillyard	1673 Atlantic

Holiday Inn Express	31140 Alvarado-Niles RD
HONG KONG RESTAURANT	4100 Dyer ST
Hoshizaki Western DC, Inc.	29330 Union City BLVD
Hot Pot Union City Corp	34396 Alvarado-Niles RD
HOUSE OF DUMPLINGS	109 Appian WAY
Icon Environmental Services, Inc	1220 Whipple RD
IDI Distributors	1640 Atlantic ST
IHop Restaurant #1724	32010 Dyer ST
In-N-Out Burger	32060 Union Landing BLVD
Iron Mountain	29555 Kohoutek WY
Island Pacific Supermarket	4122 Dyer ST
JAMBA JUICE #420	32358 Dyer ST
James Logan High School	1800 H ST
James Logan High School	1800 H Street
JASMINE RESTAURANT	30059 Industrial PKWY
Jasper Engines & Transmissions Exchange	1699 Atlantic ST Bldg 4
Jatco, Inc	34343 Zwissig WY
Jatco, Inc	725 Zwissig WY
Jeanette C. Guerrero, DMD	31857 Alvarado BLVD
JENJON'S CAFE	1704 Decoto RD
Jenson Mechanical	32420 Central
JIMMY'S PLACE	1688 Decoto RD
JIM'S COCKTAIL LOUNGE	34696 Alvarado-Niles RD
Jiro Japanese Restaurant	34533 Alvarado-Niles RD
JOJOLI	31866 Alvarado BLVD
Jollibee Restaurant	32460 Dyer ST
K & A Gas and Auto Repair Inc.	33365 Mission BLVD
KABILA	29286 Union City BLVD
Kaiser Permanente	30116 Eigenbrodt WY
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD

KALINDA'S RESTAURANT/CATERING	31834 Alvarado BLVD
Kerrock Counter Top	33220 Western AVE
Kerry Ingredients	33063 Western AVE
Keystone Automotive Industries, Inc	30336 Whipple RD ste B
Kimura Dental	33408 Alvarado-Niles RD
KING LIQUORS	30063 Industrial PKWY
King Wai Trading Co.	30098 Eigenbrodt WY
Knorr Brake System	29471 Kohoutek WY
KOI SUSHI BOAT	1737 Decoto RD
Krispy Kreme	32450 Dyer ST
L & L HAWAIIAN BARBECUE	1668 Decoto RD
LA SALSA FRESH MEXICAN GRILL	32248 Dyer ST
La Terra Fina	1300 Atlantic ST
LagasseSweet Inc.	4100 Whipple RD # A
Lally Truck Trailer Repair & Paint Service	4600 Horner ST
LECHON MANILA	32104 Alvarado BLVD
Lehigh Heidelberg Cement Group	30101 Industrial PKWY
Leland P. Grant, DDS	4138 Dyer ST Ste 4
Leon H. Chang DDS	33800 Alvarado-Niles RD #6
Leo's Finishing and Refinishing	33238 Central AVE
Le's Alvarado Dental	31820 Alvarado BLVD
Lian Hwa Foods (USA) Inc.	1500 Atlantic ST
LIQUOR BARREL	2641 Decoto RD
LITTLE PANDA CHINESE FOOD	31859 Alvarado BLVD
LITTLE SHEN YANG	1749 Decoto RD
LKQ Corp	30336 Whipple RD
LKQ Corp	30336 Whipple RD
LOS DOS GALLOS	34704 Alvarado-Niles RD
Louis Evans DDS	33351 Alvarado-Niles RD
Lovely Smile Dental	33448 Alvarado Niles RD
Lowe's !1132	32040 Union Landing BLVD

LSI / Ingredients International	1610 Whipple RD
Lucky Store #782	32300 Dyer ST
Lynx Recyclers	1000 Whipple RD
M.L. Burr, DDS	2701 Decoto RD 5
Macy's Logistics, Inc	1200 Whipple RD
MAGAT'S ASIAN GROCERY AND TRADING	31873 Alvarado BLVD
MANDAVI BAZAAR	31804 Alvarado BLVD
MANEKI SUSHI	31810 Alvarado BLVD
Manila Dental Center	31210 Alvarado Niles RD
MANILA GOOD-HA SA UNION CITY	4130 Dyer ST
MANILA SUNRISE RESTAURANT	4122 Dyer ST
Marcus Lin, DDS	29300 Kohoutek WY 100
Marina Foods	1791 Decoto RD
Masonic Homes	34400 Mission BLVD
Masonic Homes	34400 Mission BLVD
Mathews Mechanical	33480 Western AVE
MAYFLOWER SEAFOOD RESTAURANT	34338 Alvarado-Niles Rd
Maypearl	31300 Alvarado Niles RD
MCDONALDS	30600 Dyer ST
McDonald's	27 Union Square
Mendoza Cutting Service	30550 Union City BLVD
MENCONI'S	32611 Alvarado BLVD
Mercado Latino, Inc	33430 Western AVE
MET Laboratories	33439 Western AVE
Mexico Lindo	33306 Alvarado-Niles RD
Michaels 2076	31080 Dyer ST
MISSION FOOD & LIQUOR	101 Decoto RD
Mitsu Auto Repair	1277 Atlantic ST
Mizuho Orthopedic System	30031 Ahern AVE A
Mizuumi Buffet	1604 Decoto RD
mOasis, Inc	32930 Alvarado-Niles RD

Monarch Leasing	29899 Union City BLVD
MORTAR PESTLE	32136 Alvarado BLVD
Mountain Mikes Pizza	32170 Dyer ST
MR KEBAB	1760 Decoto RD
MUSKAAN INDIAN CUISINE	1706 Decoto RD
MV Transportation	1283 Atlantic ST
NAYONG FILIPINO	1796 Whipple RD
New Age Linen	2930 Faber ST
NEW CHINA	1743 Decoto RD
New Haven Unified School District Corp. Yard	3636 Smith ST
New Horizon Foods	33440 Western AVE
NEW INDIA MARKET	31885 Alvarado BLVD
NEW LUK YUEN RESTAURANT	31802 Alvarado BLVD
New World Van Lines	33373 Lewis AVE
NHUSD Central Kitchen	2831 Faber ST
NILES LIQUORS & MINI MART	34359 Alvarado-Niles Rd
Noble Dental Care	34603 Alvarado Niles RD
Northwood Design Partners	1528 Atlantic ST
Oakridge Industries	1130 Pacific ST
OEC Graphics	33288 Central AVE
OLA's EXOTIC COFFEE AND TEA	3900 Smith ST
Omni Cable Corp	2915 Whipple RD
One-Stop Auto Service	1279 Atlantic ST
OO LIQUORS	1800 Whipple RD
Orcon	1570 Atlantic ST
O'Reilly Auto Parts #2571	1601 Decoto RD
O'Rite International	30100 Ahern AVE
Pacific Materials Handling	30361 Whipple RD
Pacific Rain Gutter Supply, Inc	1420 Whipple RD
Pacifica Senior Living	33883 Alvarado-Niles RD
Party City	30761 Dyer ST

Pasta Pomodoro	32216 Dyer ST
Pep Boys #816	30085 Industrial PKWY
PEPPER TREE LOUNGE	1848 Whipple RD
PERRY'S LIQUORS	31885 Alvarado BLVD
Petco #309	31090 Dyer ST
PG & E Jarvis Substation	900 Decoto RD
Pho Pasteur Restaurant	31860 Alvarado BLVD
PHO TUONG LAI	1779 Decoto RD
PIZZA HUT	2617 Decoto RD
Popeye's Louisiana Kitchen	31816 Alvarado BLVD
ProSpectra Contract Flooring	4017 Whipple RD
PTR Manufacturing Inc.	33390 Transit AVE
Pump It Up of Union City	2995 Whipple RD
Quality Distributing	2850 Volpey WY
QUICK SHOP MARKET	31887 Alvarado BLVD
Quik Stop Market # 29	1824 Whipple RD
R & S Manufacturing, Inc	33955 7th ST
R.B. DELI	2813 Whipple RD
R.J. Chase Co.	4000 Tara CT
Randhawa Dental Corp	4138 Dyer ST Ste 1
Rapak Inc.	29959 Ahern AVE
Rapid Displays	33195 Lewis AVE
RAYAAN PIZZA & PASTA	32106 Alvarado BLVD
Red Ribbon Bakeshop	31840 Alvarado BLVD
Reliance Metal Center	33201 Western AVE
Ricardo & Olga Morales Dental	4138 Dyer ST
Rich Products	1600 Whipple RD
Riddell	32920 Alvarado-Niles RD Ste 240
Right Away Redy Mix	30100 Union City BLVD
Rite Aid #5942	31836 Alvarado BLVD
Rite Aid #5943	1650 Decoto RD

RKI Instruments	33248 Central AVE
Rose Garden Restaurant	33348 Alvarado-Niles RD
ROSHNI MARKET	2633 Decoto RD
ROUND TABLE PIZZA	1744 Decoto RD
Royal Truck Body	930 Whipple RD
RUGGIERI SENIOR CENTER	33997 Alvarado-Niles RD
Ryss Lab, Inc	29540 Kohoutek WY
Safelite Auto Glass	30410 Whipple RD
Safety Environmental Control	1480 Whipple RD
Safeway #1197	1790 Decoto RD
San Francisco Specialty Produce	30200 Whipple RD
SANGRAM'S PALACE	30063 Industrial PKWY
Save On Cleaners	34375 Alvarado-Niles RD
Savory Creations	32611 Central AVE
Scott's Mobile Trailer Repair	1220 Whipple RD # B
Seafood City	31840 Alvarado BLVD
Sealed Air Corporation	2877 Volpey WY
Selway Machine & Tool	29250 Union City BLVD
SHALIMAR INDIAN GROCERIES	32118 Alvarado BLVD
Shaw Industries Inc.	4025 Whipple RD
Sheedy Hoist	34301 7th ST
Shell Oil	31889 Alvarado Blvd
Shell Station (136197)	2001 Decoto RD
Shell Station (136198)	31301 Alvarado Niles RD
Shell Station (136199)	31889 Alvarado BLVD
Shell Station (136201)	32187 Alvarado Niles RD
SHENG KEE BAKERY #10	34332 Alvarado-Niles Rd
Shrader Vacuum	29300 Kohoutek WY Ste 160
Sigmatron	30000 Eigenbrodt WY
Sitton Flooring	29360 Union City BLVD
SK DONUT SHOP	32102 Alvarado BLVD

Smart & Final	31070 Dyer ST
Smith Convenient Market	3834 Smith ST
Southern Wine & Spirits	33300 Dowe AVE
Southern Wine & Spirits	33321 Dowe AVE
Southern Wine & Spirits #326718	1555 Atlantic ST
Southern Wine & Spirits (Vendor No. 326718)	33321 Dowe AVE
Southland Industries	33225 Western AVE
Spanish Tradition	33949 10th ST A
Sparkle Dental Care	32631 Alvarado BLVD
Specialized Laundry	33483 Western AVE
SPICE HOUSE CO.	29266 Union City BLVD
Spicers Paper, Inc.	30108 Eigenbrodt
Sports Authority	31200 Courthouse DR
Star Pacific	1205 Atlantic ST
Starbucks Coffee #5887	1752 Decoto RD
Starbucks Coffee #11167	32340 Alvarado BLVD
Starbucks Coffee #5653	32240 Dyer ST
Station Center Apartments	34888 11th ST
Strapack	33508 Central AVE
Studio 1204, Inc	34485 7th ST
Subway Sandwiches and Salads #5476	34367 Alvarado-Niles Rd
Subway Sandwiches and Salads #18968	30057 Industrial PKWY
Subway Sandwiches and Salads #29141	32144 Alvarado BLVD
Sugar Foods Corporation - aka Musso's Gourmet Bakery	33378 Transit AVE
Summit Plastering	33363 Lewis AVE
Sunnyvale Seafood	2910 Faber ST
SUPERMERCADO GUADALAJARA	33909 10th ST
SUSHI BOAT	32200 Dyer ST
T & L Muffler	1007 Decoto RD
T.G.I. Fridays Restaurant #1946	31900 Dyer ST
Taco Bell	34525 Alvarado-Niles RD

Taco Bell #15798	30075 Industrial PKWY
Taco Bell #2194	32002 Alvarado BLVD
TADAMASA RAMEN	34672 Alvarado-Niles RD
TAIPEI 101	34308 Alvarado-Niles Rd
TAPIOCA EXPRESS	1707 Decoto RD
Tellworks	30067 Eigenbrodt WY
THAI BBQ	4116 Dyer ST
THAI KITCHEN RESTAURANT	31845 Alvarado BLVD
THAI VILLAGE CUISINE	34571 Alvarado-Niles RD
The Home Depot #635	30065 Industrial PKWY
THE MARY CORDOZA CENTER	2831 Faber ST
The Printer Works, Inc.	33300 Dowe AVE
The Source Group	30315 Union City BLVD
The Tropics	33000 Almaden BLVD
THE VITAMIN SHOPPE	32109 Union Landing BLVD
Tire & Wheel Master	4005 Whipple RD
Tire Dealer's Warehouse	33375 Central AVE
TOGOS	32220 Dyer ST
TOPPINGS TOO!! RESTAURANT	3910 Smith ST
TRIBU GRILL	32208 Dyer ST
Tri-CED	33377 Western AVE
Tri-City Dentistry	31874 Alvarado BLVD
Tri-ed Distribution Inc	2807 Whipple
U.S. Cleaners	34584 Alvarado-Niles RD
Umo Steel Inc	4700 Horner ST
Union 76	31300 Alvarado-Niles RD
Union City Auto Body	1250 Pacific ST
Union City Brake & Clutch	1281 Atlantic ST
Union City Civic Center	34009 Alvarado-Niles RD
Union City Dental Aesthetics	30811 Union City BLVD
UNION CITY DONUTS & DELI	31080 Union City BLVD

Union City Fire Station # 32	31600 Alvarado BLVD
Union City Fire Station # 33	33942 7th ST
Union City Fire Station #30	35000 Eastin CT
Union City Fire Station #31	33555 Central AVE
Union City Korean Market	34555 Alvarado-Niles RD
Union City Public Works Maintenance Facility	34650 7th ST
Union City Shell	31301 Alvarado-Niles RD
Union City Sports Center	31224 Union City BLVD
Union City Teen Workshop	33623 Mission BLVD
Union Dental Center	34608 Alvarado-Niles RD
Union Int'l Food Co.	33035 Transit AVE
Union Landing Dental Center	32364 Dyer ST
Union Sanitary District	5072 Benson RD
Union Sanitary District	5072 Benson RD
Unistrut International Corporation	1679 Atlantic ST
United Building Maintenance	3261 Whipple RD
United Food and Liquor	31090 Union City BLVD
United States Pipe & Foundry	1295 Whipple RD
University of the Pacific Dental	1203 J ST
US Cold Storage	33400 Dowe AVE
US Pipe & Foundry	1295 Whipple RD
US Spices Corp	2801 Faber ST
USK Manufacturing, Inc.	720 Zwissig WY
V.E.M. Engineering	35218 Alvarado-Niles RD
VALERIO'S TROPICAL BAKESHOP	31844 Alvarado BLVD
VCA All About Pets Animal Hospital	34664 Alvarado-Niles RD
Venta Medical, LLC	33170 Central AVE
Verizon Wireless	2931 Faber ST
Verizon Wireless	32600 Carmel WY B
Verizon Wireless	33467 Western AVE B
Verizon Wireless - Mission Appian	34860 Mission Blvd

VS.'s Auto & Performance / Auto Repair	33365 Mission BLVD 2
Wal*Mart Store #2031	30600 Dyer ST
Wayne Dalton Genie Sales Center of the Bay Area	30420 Whipple RD
Welcome Market, Inc	2931 Faber ST
West Logistics LLC	30300 Whipple RD
West Coast Cleaners	33366 Alvarado-Niles RD
Westland Giftware	30180 Ahern AVE
WHC Plumbing Supply Co.	2900 Volpey WY
Whipple Road Family Dental care	1794 Whipple RD
WHIPPLE TAQUERIA	1790 Whipple RD
William Asai, DDS	33341 Alvarado-Niles RD B
WINGSTOP	1648 Decoto RD
YOGURT TRAIN	1735 Decoto RD
Young's Market Co	1701 Atlantic CT
ZHI WEI RESTAURANT	1773 Decoto RD
Zuo Modern Contemporary	1285 Atlantic ST

ATTACHMENT

C.4.b.iii (2) – Facilities Scheduled for Inspection List

UNION CITY CLEAN WATER PROGRAM**LIST OF COMMERCIAL AND INDUSTRIAL FACILITIES SCHEDULED FOR INSPECTION (FY 2015-2016)**

Name	Site Address
7 HILLS FOOD STORE	101 Appian WAY
A TOWN PIZZA	1830 Whipple RD
A&H Truck Repair	30319 Union City BLVD
ABE Petroleum	33090 Mission BLVD A
Ajax Custom Manufacturing	34585 7 th ST
Alamillo Rebar	33353 Lewis ST
Alpine Awards	1150 Whipple RD
AlCo Pump Station-Eden Shores	2690 Eden Park PL
Alliance Packaging	1600 Pacific ST
Alvarado Dye & Knitting Mill	30542 Union City BLVD
Alvarado Niles Shell	32187 Alvarado-Niles RD
American Licorice Co.	2477 Liston Way
AMY'S DONUT SHOP	1818 Whipple RD
Applied Industrial Technologies	30077 Ahern AVE
ASIA EXPRESS CHINESE FOOD	1710 Decoto RD
Auto Parts Source	1689 Atlantic ST
BABY NUTRITIONAL CARE #101	32970 Alvarado-Niles RD
Bakemark	32621 Central AVE
BAKERY LA MEJOR	34572 Alvarado-Niles RD
BAKERY-TAQUERIA UNO	1854 Whipple RD
Bayline Paper Supply Co.	1600 Alantic ST
Best Contracting Services	4301 Bettencourt WAY
Best Label	2900 Faber ST
BHARAT BAZAR	34301 Alvarado-Niles Rd
California Supply North, Inc	29987 Ahern AVE
Cam Image, Mfg, Inc	33360 Dowe AVE

Chipotle	30920 Dyer ST
City of Union City Corp Yard	34650 7th ST
Civic Center Shell	2001 Decoto RD
COLD STONE CREAMERY	30985 Courthouse DR
Dan Oden Swim Center	33901 Syracuse AVE
Dawn Food Products	2845 Faber ST
Delta Pacific	33170 Central AVE
Dynatech Machining	29530 Kohoutek WY
Enersys Inc.	30069 Ahern AVE
Eoff Manufacturing	32410 Central AVE
ERNIE'S WINE & LIQUORS	31846 Alvarado BLVD
Escutia's Auto Repair	967 H ST
Family Dental Center	34399 Alvarado-Niles RD
Fine Lite Inc	30500 Whipple RD
Garland-White & Co.	4500 Tara CT
Gerry's Grill	31005 Courthouse RD
Hartung Glass	700 Bradford Way
Holiday Inn Express	31140 Alvarado-Niles RD
Jatco,Inc.	725 Zwissig WAY
Jamba Juice #420	32358 Dyer ST
K & A Gas and Auto Repair Inc.	33365 Mission BLVD
King Wai Trading Co.	30068 Eigenbrodt WAY
Kaiser Permanente	3553 Whipple RD
Kaiser Permanente	3555 Whipple RD
KALINDA'S RESTAURANT/CATERING	31834 Alvarado BLVD
Krispy Kreme	32450 Dyer ST
Kumetrix	29524 Union City BLVD
L & L HAWAIIAN BARBECUE	1668 Decoto RD
Lally Truck Trailer Repair & Paint Service	4600 Horner ST
Le's Alvarado Dental	31820 Alvarado BLVD
Lian Hwa Foods (USA) Inc.	1500 Atlantic ST

LSI Ingredients	1604 Whipple RD
MCDONALDS	30600 Dyer ST
McDonald's	27 Union Square
Michael's	31080 Dyer ST
Mitsu Auto Repair	1277 Atlantic ST
Mountain Mike's Pizza	32170 Dyer ST
MR KEBAB	1760 Decoto RD
NILES LIQUORS & MINI MART	34359 Alvarado-Niles Rd
Oakridge Industries	1130 Pacific ST
O'Reilly's Auto Parts	1601 Decoto RD
PEPPER TREE LOUNGE	1848 Whipple RD
Popeye's Louisiana Kitchen	31816 Alvarado Blvd
Quality Distributing	2850 Volpey WY
Rapid Displays	33195 Lewis ST
Riddell	32920 Alvarado-Niles RD Ste 240
RUGGIERI SENIOR CENTER	33997 Alvarado-Niles RD
Safelite Auto Glass	30410 Whipple RD
SHALIMAR INDIAN GROCERIES	32118 Alvarado BLVD
Shell Station (136199)	31889 Alvarado BLVD
SK DONUT SHOP	32102 Alvarado BLVD
SPICE HOUSE CO.	29266 Union City BLVD
SUBWAY #5476	34367 Alvarado-Niles Rd
SUBWAY SANDWICHES & SALADS #29141	32144 Alvarado BLVD
T & L Transmission & Muffler	1007 Decoto RD
Tatum Janitorial	31022 Union City BLVD
Texas Roadhouse	32115 Union Landing BLVD
The Tropics	33000 Almaden BLVD
THE VITAMIN SHOPPE	32109 Union Landing BLVD
UC Food and Liquor	31090 Union City BLVD
Umo Steel Inc	4700 Horner ST
Union 76	31300 Alvarado-Niles RD

Union City Civic Center	34009 Alvarado-Niles RD
UNION CITY KOREAN MARKET	34555 Alvarado-Niles RD
Union City Public Works Maintenance Facility	34650 7th ST
Union City Shell	31301 Alvarado-Niles RD
UNION CITY SPORTS CENTER	31224 Union City BLVD
United Building Maintenance	3261 Whipple RD
UNITED FOOD AND LIQUOR	31090 Union City BLVD
University of the Pacific Dental	1203 J ST
US Cold Storage	33400 Dowe AVE
V & S Auto Performance	33365 Mission BLVD
V.E.M. Engineering	35218 Alvarado-Niles RD
WHCI Plumbing	2900 Volvey WAY
WHIPPLE TAQUERIA	1790 Whipple RD
YOGURT TRAIN	1735 Decoto RD
Young's Market	1701 Atlantic ST
ZHI WEI RESTAURANT	1773 Decoto RD

ATTACHMENT

C.5.d.iii – Tips for Mobile Businesses

PROPER DISPOSAL OF WASTEWATER

Tips For Mobile Businesses

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

Step 1: Plan Ahead

- Determine where you will discharge wash water before starting a new job.
- Be sure to have equipment on hand (i.e. long hoses, sump pump, etc) for directing discharge to sanitary sewer access points.

Step 2: Divert and Collect Wash Water

- Walk the area to identify storm drains.
- Contain wash area so that water does not drain down streets and gutters– use sand bag berms, wattles, or bermed mats.
- Cover the storm drains to prevent wash water from entering and divert wash water to the sanitary sewer system if permitted to do so.
- Use a “wet-vac” to vacuum up the contained wash water for proper disposal.
- If feasible, wash on a vegetated or gravel surface where wash water can infiltrate into the ground without runoff.

Step 3: Discharge Properly

It is important that wash water from mobile businesses be discharged into a *cleanout*, sink, toilet or other drain connected to the *sanitary sewer system* — never into a street, gutter, parking lot or *storm drain*.



Protecting Alameda County
Creeks, Wetlands & the Bay
cleanwaterprogram.org



Keep wash waters from automobile detailing and washing, power washing and steam cleaning OUT of the storm drains.



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

Learn more about preventing water pollution and the Clean Water Program at www.cleanwaterprogram.org.



What about biodegradable and non-toxic cleaning products?

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

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

Be a BASMAA Recognized Mobile Cleaner

Take the online “mobile surface cleaning” training from BASMAA (Bay Area Stormwater Management Agencies Association). This program will train you on how to clean different surfaces in an environmentally acceptable way and publish your name as a trained cleaner. Visit www.basmaa.org.

Only Rain to the Drain

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

KEY DEFINITIONS

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

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

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



cleanwater
PROGRAM

cleanwaterprogram.org

CLEAN WATER PROGRAM

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

Learn more about preventing water pollution and the Clean Water Program at www.cleanwaterprogram.org.

For More Help

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

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

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

Castro Valley

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

City of Dublin

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

Cities of Fremont, Newark or Union City

Union Sanitary District (510) 477-7500

City of Hayward

City of Hayward (510) 881-7900

City of Livermore

City of Livermore (925) 960-8100

City of Pleasanton

City of Pleasanton (925) 931-5500

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

Oro Loma Sanitary District (510) 481-6971

City of San Leandro

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

Local Stormwater Agencies

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

Alameda.....(510) 747-7930
 Albany(510) 528-5770
 Berkeley.....(510) 981-7460
 Dublin(925) 833-6650
 Emeryville(510) 596-3728
 Fremont(510) 494-4570
 Hayward(510) 881-7900
 Livermore(925) 960-8100
 Newark(510) 578-4286
 Oakland(510) 238-6544
 Piedmont.....(510) 420-3050
 Pleasanton(925) 931-5500
 San Leandro.....(510) 577-3401
 Unincorporated Alameda County.....(510) 567-6700
 Union City.....(510) 675-5301
 Clean Water Program.....(510) 670-5543

ATTACHMENT

C.5.f.iii (4) – Storm water Illicit Discharge Tracking Spreadsheet

MRP

Requir 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 ements through problem resolution. The data collected shall be sufficient to demonstrate escalating responses for repeat problems, and inter/intra-agency coordination, where appropriate."

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

Complaint Information														Investigation Information											Follow Up Information																
Date and Time of Complaint Receipt		Source of Complaint			Threat to Water Quality		Type of Pollutant(s) Enter "1" for each type reported									Date Investigation Started		Time Investigation Started		Type of Pollutant(s) Enter "1" for each type found									Type of Enforcement			Response Times		Enter "1" if Resolved in Timely Manner							
Date of Complaint	Time of Complaint	Public	Another Public Agency	Own Agency Staff	Enter "1" if discharge reported threat to water quality	Enter "1" if no threat to water quality	Washwaters	Sewage	Construction Materials	Vehicle Fluids	Food Wastes	Paint	Sediment and/or Silt	Industrial Wastes	Litter and/or Debris	Oil not from vehicles/Other	Date Investigation Started	Time Investigation Started	Washwaters	Sewage	Construction Materials	Vehicle Fluids	Food Wastes	Paint	Sediment and/or Silt	Industrial Wastes	Litter and/or Debris	Other	Enter "1" if Discharge Entered Storm Drain and/or receiving water	Nothing Found to Abate	Enter "1" if there is nothing needing abatement	None	Warning Notice		Written Warning/ Notice of Violation	Notice to Comply	Legal Action	Call to Investigate	Investigate to Abate	Call to Abate	
7/10/14	18:16			1		1			1								7/10/14	18:16			1								1			1						1	35	35	
1/20/15	15:34			1		1	1										1/20/15	16:15										1	1		1						1	1	2	1	
2/11/15	15:17			1	1		1										2/11/15	15:30	1										1			1					1	0	1	1	
3/18/15	15:04	1				1			1								3/18/15	8:34			1								1								1	1	2	1	
4/21/15	10:56			1	1					1							4/21/15	10:56					1						1			1					1	1	2	1	
5/13/15	15:05	1			1		1							1			5/13/15	16:30					1									1			1	79	79				
5/28/15	13:38			1	1										1		5/28/15	13:38								1					1				1	0	1	1			
6/1/15	8:28			1		1							1				6/1/15	8:40													1				1	0	1	1			

Summary Discharge Information	
Number of discharges reported	8
Number of discharges reaching storm drains and/or receiving waters	5
Number of discharges resolved in a timely manner	6
Percentage of discharges resolved in a timely manner	75%

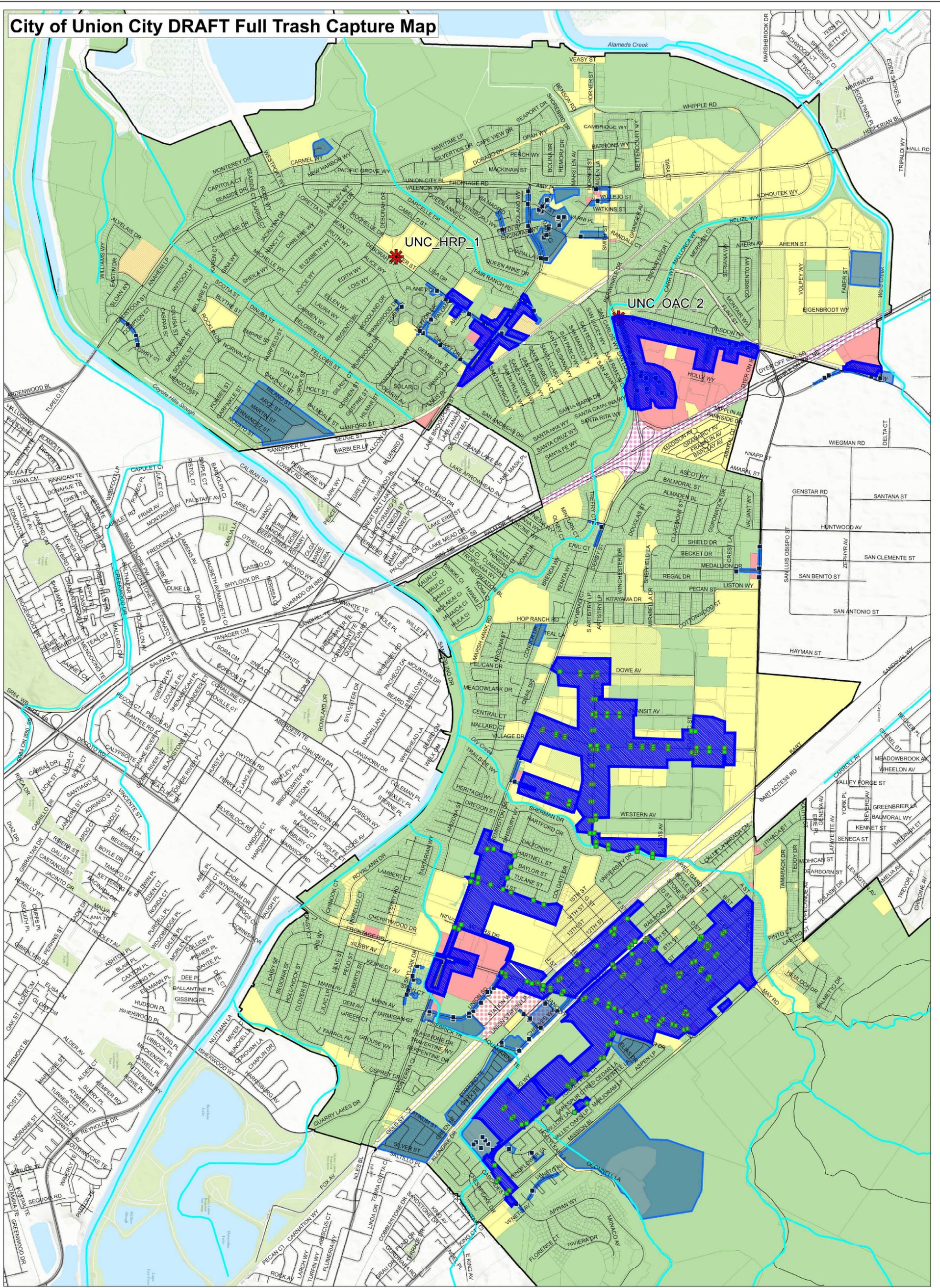
		Summary of Types of Pollutants Discharged											
		Washwater	Sewage	Const. Mat.	Vehicle Fluids	Food Wastes	Paint	Sedu./Silt	Ind. Wastes	Litter/Debris	Other	Total	
Number		1	0	1	1	2	0	1	0	1	1	8	
Percentage		13%	0%	13%	13%	25%	0%	13%	0%	13%	13%	100	

		Summary of Sources of Complaints					
		Public	Another Public Agency	Own Public Agency	Total		
Number		1	1	6	8		
Percentage		13%	13%	75%	100		

ATTACHMENT

C.10 – Full Trash Capture Device 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		

Updated for 9/15/13

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

Map Created By:
 EOA, Inc.
Date:
 September 5th, 2013



ATTACHMENT

C.10.b.ii – Creek Cleanups

Attachment C.10.b.ii - Creek Cleanups and More

Date		Location	Participants	No. of	No. of	Garbage
7/14	Casa Verde Park	Rising Sun Energy Center	Planted 19 flowering trees	7	2	20LBS
8/14	Logan High School	Sea Breeze Creek Trail	Planted 146 native trees	10	3	60lbs.
8/14	staff	Contempo Park	Planted 15 jacarandas		2	
10/14	Make a Difference day	drycreek,civic,decoto,cann,dyer	Planted 129 trees	90	8	135LBS
12/14	Staff	A/N	Planted 35 Blue Atlas Cedars	0	7	
10/14	Kaiser Coastal Clean up	creek trail off whipple	picked up litter	9	0	300lbs
1/15	Martin Luther King Day of Service Civic Center	creek clean up	picked up litter	14	0	260lbs
1/15	UCB	Irvington High School kids	planted 39 trees	11	2	55lbs
2/15	Railroad Ave.	staff	planted 15 trees	0	2	35lbs
2/15	UCPD	staff	planted 9 24" box palms	0	3	85lbs
3/15	Seven Hills	staff	planted 27 native trees	0	3	40lbs
3/15	Central Servicio	satff	planted 20 Fruit trees	0	2	65lbs
3/15	A/N AND MEYERS	staff	planted 18 trees	0	2	45lbs
4/15	Earthday Clean Water outreach	staff	gave 500 bay friendly plants	0	3	15lbs
4/15	Earth day	Meyers Cottage/ Masonic Home	planted 13 native trees	35	2	245lbs
4/15	Arborday	civic	planted 40 conifers	25	2	55lbs
4/15	Arborday	Tidewater Trail	planted 84 natives	30	2	90lbs
5/15	Dyer	Vikran B.O.A.	planted 35 trees	30	2	55lbs
6/15	Dyer	Kushagr Nigam B.O.A Troop #273	planted 27 trees drip irrigation	24	2	65lbs
6/15	Regents	staff	planted 35 trees	0	7	60lbs
6/15	Seven Hills	staff	planted 25 native trees	0	3	45lbs

ATTACHMENT

C.10.d – Additional Trash Reduction Actions

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation	Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Curbside Recycling Programs	1989	Weekly servicing of residential households. Single stream recycling implemented in 2005.	5,808 tons recyclables collected from residential customers in 2014.	Metal, plastic and glass containers, mixed paper, newspaper, cardboard, and other common recyclables.
Education and Outreach Efforts	7/2005 2012 City expands Recycling and Solid Waste Division with hiring of Recycling Specialist.	Quarterly newsletter distributed to all residential and commercial customers promoting solid waste reduction and recycling efforts. Additional outreach efforts include community presentations, special direct mailings, recycling website, new program implementation.	In 2014, Union City residents, businesses, schools and local government continue to help the community maintain diversion rate in the high seventies.	Common recyclables, e-waste, household hazardous waste, food scraps and food soiled paper, green waste, household batteries, etc.
Free trash pickup/Drop off days	7/2005 (new MSW collection contract). Service existed prior to '05. 7/2005	Single family households eligible for two free bulky item collections per year. E-waste drop off facility established at Tri-CED facility in Union City.	Union City residents scheduled 4,574 bulky pickup events in 2014, 210,204 lbs e-waste collected in 2014 by Tri-CED.	Furniture, mattresses, large appliances, tires, other large items. TVs, computer monitors, hard drives, copy machines and other electronics.
County HHW programs	7/2/2008	HHW facility opens at transfer station in Fremont. Available to Union City residents. New HHW fee approved in 2014 to expand program.	In 2014, Union City residents used the Fremont HHW program 1,213 times.	Pesticides, paints, solvents, automotive batteries, used oil, fluorescent lightbulbs,
Solid Waste Recycling Efforts	7/05 9/10	Food Scraps accepted as part of residential curbside organics collection program, which is increased to weekly servicing of carts. Commercial organics recycling program started in 9/09	7478 tons of residential organics/food scraps collected in 2014.. Commercial Food Scrap for Business program now has 75+ participants. In 2014 diverted 1,486 tons for composting.	Food scraps and other compostables. Restaurant and business food scraps and food soiled paper products.
Source Controls/Bans/Prohibitions	3/2009	Plant Debris Ban. Alameda County ban prohibits disposal of plant debris in county		Plant debris includes grass, leaves, shrubbery, vines and tree branches. Must be

	<p>2012</p> <p>2013</p> <p>2014</p>	<p>landfills. Plant debris includes grass, leaves, shrubbery, vines and tree branches.</p> <p>Mandatory Commercial and Recycling Ordinance effective 7/2012</p> <p>County ban on single use bags implemented 1/2013.</p> <p>Enforcement of Mandatory Commercial Recycling begins Alameda County.</p>	<p>Increase in number of businesses signing up for commercial recycling.</p>	<p>separated from all garbage and deposited in organics cart or disposal facility's designated "clean green" area.</p>
Battery and Cell Phone Recycling	2008	<p>Curbside collection of batteries of cell phones implemented.</p> <p>Battery recycling centers established at City Hall and all community centers.</p>	8.04 tons batteries collected by Tri-CED in 2014.	Batteries and cell phones

ATTACHMENT

C.11.a.i – Recycling

**CITY OF UNION CITY
2014 ANNUAL REPORT**

SINGLE FAMILY

MULTI-FAMILY

	Lbs.	Tons	Lbs.	Tons
Aluminum	28,259	14.13	2,846	1.96
Mixed Glass	858,838	429.42	46,641	23.32
Plastics #1 (PETE)	286,281	143.14	6,354	3.18
Plastics #2-7 (HDPE)	516,040	258.02	8,682	4.34
Bil Metal (Tin/Steel)	258,021	129.01	3,192	1.60
Mixed Paper	9,394,396	4,697.20	207,128	103.56
TOTAL RECYCLABLES:	11,341,835	5,670.92	274,843	137.96
TOTAL RESIDUALS:	944,845	472.42	12,707	6.35
TOTAL YARDWASTE:	14,123,860	7,061.93	835,200	417.60
USED MOTOR OIL JUGS	3,940		BATTERY COLLECTION	
OIL FILTER BAGS	1,084		16,065 Lbs.	8.04 Tons
			November 2013 - November 2014	
TOTAL YARD WASTE (Single & MF):	14,959,060 Lbs.	7,480 Tons		

<p>TOTAL RECYCLABLES COLLECTED IN 2014 11,616,678 Lbs. ----- 5,808 Tons <i>(Total does not include Residual, Yard Waste, Used Oil/Filter Bags or Battery Collection)</i></p>
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