



CITY OF HERCULES
111 CIVIC DRIVE, HERCULES, CA 94547
PHONE: 510 • 799 • 8200

August 26, 2015

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

Dear Mr. Wolfe:

Enclosed is the 2014-15 Annual Report for the City of Hercules, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board.

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

Very truly yours,

Mike Roberts
Public Works Director/City Engineer

ATTACHMENT B

Table of Contents

Section	Page
Section 1 – Permittee Information.....	1-1
Section 2 – Provision C.2 Municipal Operations.....	2-1
Section 3 – Provision C.3 New Development and Redevelopment.....	3-1
Section 4 – Provision C.4 Industrial and Commercial Site Controls.....	4-1
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination.....	5-1
Section 6 – Provision C.6 Construction Site Controls.....	6-1
Section 7 – Provision C.7 Public Information and Outreach.....	7-1
Section 8 – Provision C.8 Water Quality Monitoring.....	8-1
Section 9 – Provision C.9 Pesticides Toxicity Controls.....	9-1
Section 10 – Provision C.10 Trash Load Reduction.....	10-1
Section 11 – Provision C.11 Mercury Controls.....	11-1
Section 12 – Provision C.12 PCBs Controls.....	12-1
Section 13 – Provision C.13 Copper Controls.....	13-1
Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls.....	14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges.....	15-1

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Hercules				
Population:	24,403				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)				
Order Number:	R2-2009-0074 (San Francisco Bay RWQCB Permit)				
Reporting Time Period (month/year):	July 1, 2014 through June 30, 2015				
Name of the Responsible Authority:	David Biggs	Title:	City Manager		
Mailing Address:	111 Civic Drive				
City:	Hercules	Zip Code:	94547	County:	Contra Costa County
Telephone Number:	510-799-8200	Fax Number:	510-245-2521		
E-mail Address:	dbiggs@ci.hercules.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Mike Roberts	Title:	Public Works Director/City Engineer		
Department:	Public Works Department				
Mailing Address:	111 Civic Drive				
City:	Hercules	Zip Code:	94547	County:	Contra Costa County
Telephone Number:	510-799-8241	Fax Number:	510-799-8249		
E-mail Address:	Mike.roberts@ci.hercules.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
 Refer to the C.2 Municipal Operations section of the CCCWP's Program's FY 14-15 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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:

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:

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.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

City staff removes all graffiti and no contractors are engaged for this work. Graffiti is rare within our City, but staff is trained in proper methods of removal, capture and disposal of waste generated from this activity.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (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
NONE	N/A	N/A	N/A	N/A

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:

Attachments:

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)
NONE	N/A	N/A	N/A	N/A	N/A	N/A

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.

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

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):

- N/A We do not have a corporation yard
- N/A Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
- X 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:

- N/A Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
- X Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
- N/A Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
- X 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
- X Cover and/or berm outdoor storage areas containing waste pollutants

Comments:
 The City of Hercules corporation yard is more of a storage yard than a corporation yard. No vehicles or parts washing on-site. A SWPPP has been filed and BMP's are continually maintained as required.

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
City of Hercules Corporation Yard	May 2015	No deficiencies noted.	None

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

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

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

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

Summary:

The C.3 New Development and Redevelopment section of the CCCWP's FY 14-15 Annual Report includes a description of activities conducted at the countywide or regional level.

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

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

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
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.		Yes	X	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi .below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.				

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: An LID facility located in a Bart Parking Lot is cleaned and inspected on a weekly basis by City staff. The vegetation is checked and maintained every 6 months by the City's contractor. The 9 hydrodynamic separator units located in residential neighborhoods are cleaned and inspected annually.
(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: The LID facility is cleaned and landscaping is trimmed regularly. Facility is in state of good repair. 7 of the hydrodynamic separator units had very low or no trash during the annual cleaning and inspection. 2 of the HDS located in the Victoria By the Bay Development had medium and high volumes of trash.
(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? 		Yes		No	N/A	Not applicable. No new facilities were installed.
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?³ 	X	Yes		No		Not applicable. No treatment measures
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed vault-based systems? 	X	Yes		No		Not applicable. No vault systems.
If you answered "No" to any of the questions above, please explain:						

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

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

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

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

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

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Muir Pointe Development	John Muir Pkwy / Tsushima Street	Taylor Morrison	N/A	144 new single family homes	Refugio Creek to San Pablo Bay	16.10	16.10	377,114	0	0	377,114
Public Projects											
Path to Transit	John Muir Pkwy/Bayfront Blvd	City of Hercules	N/A	Roadway/Bridge construction, Natural Creek restoration	Refugio Creek to San Pablo Bay	24.70	7.60	108,900	7,362	7,362	115,870
Comments:											

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										
Muir Pointe Development	July 2014	July 2014	Storm drain stenciling, Efficient landscape irrigation systems	None	Bioretention facility	Bioretention facility to be part of a Facility Maintenance District. Inspection to be conducted each October and each month during winter seasons.	2.c	N/A	Third Party Certification by BKF Engineers	Not required. Project drains to Refugio Creek designed for large storms and is very close to San Pablo Bay.
Comments:										

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										
Path to Transit	July 2015	TBD	Storm drain stenciling, Catchbasin cleaning	Conserve natural areas	Bioretention Facility	Bioretention facility to be part of a Facility Maintenance District. Inspection to be conducted each October and each month during winter seasons.	2.C	N/A	Third party Certification by BKF Engineers	Not required. Project drains to Refugio Creek designed for large storms and is very close to San Pablo Bay.
Comments:										

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
Hercules – BART Parking Lot	1375 Willow Avenue	No	City of Hercules	Monthly	Routine	Bioretention facility	Litter is picked up daily & vegetation is trimmed semiannually.	None	None
Victoria CDS Unit #1	End of Regatta Point (Shorline Park)	No	City of Hercules	1/6/2015	annually	Trash Capture Device (CDS Unit)	Unit is in working order with medium amount of trash in the unit.	None	None
Victoria CDS Unit #2	End of Trestle Cove (Shoreline Park)	No	City of Hercules	1/6/2015	annually	Trash Capture Device (CDS Unit)	Unit is in working order with high amount of trash in the unit.	None	None
Baywood CDS Unit #1	1000 Willet St (Frog Pad Park)	No	City of Hercules	1/7/2015	annually	Trash Capture Device (CDS Unit)	Unit is in working order with low amount of trash in the unit.	None	None
Baywood CDS Unit #2	Across from 1063 Sanderling Dr	No	City of Hercules	1/9/2015	annually	Trash Capture Device (CDS Unit)	Unit is in working order with low amount of trash in the unit.	None	None
Sycamore Villas Stormceptor	Silver Maple Dr./ Black Walnut Pl.	No	City of Hercules	1/6/2015	annually	Trash Capture Device (Stormceptor)	Unit is in working order with no trash found in the unit.	None	None
Cottage Lane CDS Unit	End of Cottage Lane (alley)	No	City of Hercules	1/6/2015	annually	Trash Capture Device (CDS Unit)	Unit is in working order with low amount of trash in the unit.	None	None
Bayside Vortech #1	Across from 2316 S. Front St.	No	Bayside HOA	1/8/2015	annually	Trash Capture Device (Vortech)	Unit is in working order with low amount of trash in the unit.	None	None
Bayside Vortech #2	Across from 3144 N. Front St.	No	Bayside HOA	1/8/2015	annually	Trash Capture Device (Vortech)	Unit is in working order with low amount of trash in the unit.	None	None
Bayside Vortech #3	N. Front St./ Central St.	No	Bayside HOA	1/5/2015	annually	Trash Capture Device (Vortech)	Unit is in working order with low amount of trash in the unit.	None	None

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.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
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	Category A: Category B: Category C: Location: Density: Parking: NONE	Category A: Category B: Category C: Location: Density: Parking: NONE	Indicate each type of LID treatment system and the percentage of total runoff treated NONE	Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received NONE

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. (Contra Costa's criteria were adopted March 20, 2013.)

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

Program Highlights

Provide background information, highlights, trends, etc.

The City of Hercules' business inspection plan and inspections are handled by the West County Wastewater District. The list of potential business inspections is reviewed annually and includes industrial businesses within the City. Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWPs FY 14-15 Annual Report for a description of activities of the CCCWP's Municipal Operations Committee and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain: N/A

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

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

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

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

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

See Attachment C.4.b.iii (2)

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	21	
Total number of inspections conducted	24	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	0	0%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0	0%

Comments:
West County Wastewater conducts all inspections and reports violations to the City. No violations were reported within this reporting period.

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)	0
Potential discharge and other	0

Comments:
No discharge or exposure to creeks to report for this reporting period.

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

Fill out the following table or attach a summary of the following information. Do not leave any cells blank.

	Enforcement Action (as listed in ERP) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1	Verbal Warning	3	100%
Level 2	Notice of Violation	0	0%
Level 3	Formal Enforcement	0	0%
Level 4	Legal Action	0	0%
Total		3	

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
Commercial	0	1
Food Service	0	1
Property Management	0	1

C.4.c.iii.(4) ▶ Non-Filers

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

There were no industries identified as non-filers during scheduled inspections during this reporting period.

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.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Workshop on the New Industrial General Permit – Central Contra Costa Sanitary District (Martinez)	December 16, 2014	<ul style="list-style-type: none"> • The New Industrial General Permit (IGP): Overview and Key Features • Who’s In and Who’s Out: Businesses That Must File a Notice of Intent (NOI) • The Ins and Outs of Inspecting a NOI Facility • When to Make Facility Referrals and Other Questions about the IGP 	2	100%
Commercial/Industrial Stormwater Inspection Training Workshop San Ramon Community Center (San Ramon)	April 30, 2015	<ul style="list-style-type: none"> • What to Expect in C.4, C.5, C.12, and C.13 from MRP 2.0 • Inspecting the San Ramon Valley Unified School (SRVUSD) Service Center • Conduct Mock Inspection at SRVUSD • The ABCs of PCBs – PCB Investigations, Cleanups, and Inspections Under TSCA • Screening Properties for Potential PCB Source Areas • PCB Source Area Identification through Industrial Inspections 	2	100%
CWEA Annual Conference	4/29 to 5/1/2015	<ul style="list-style-type: none"> • Inspector Training • Stormwater BMPs • Outreach 	2	100%

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

Program Highlights

Provide background information, highlights, trends, etc.
 Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 14-15 Annual Report (if applicable) for description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
Jeff Brown	Public Works Superintendent	510-812-4630
City Dispatch	Police Department	510-724-1111

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:
City staff responds immediately to reports of illicit discharges. Reports are rare and often very minor with no evidence of discharge to storm drain system. The City provides information to businesses during their annual business license inspections regarding BMP's recommended by the BASMAA Mobile Surface Cleaners Program. Refer to the C.5 Illicit Discharge Detection and Elimination section of CCCWP's FY 14-15 Annual Report for a description of efforts by CCCWP's Municipal Operations Committee and the BASMAA Municipal Operations Committee to address mobile businesses.

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:
Staff monitors specific area of our creeks, catch basins and drain inlets for trash and illicit discharges. Staff has conducted routine inspections during their regular maintenance inspections at key locations within the City. Illicit discharges have not been identified. Catch basin cleaning are done by a contractor and the most common occurrence is trash and leaves.

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))	0	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	0%
Discharges resolved in a timely manner (C.5.f.iii.(3))	0	0%

Comments:
 The City's illicit discharge complaint and response program is implemented through the Police Department since they are dispatched 24 hours. If a complaint is received, the Public Works Superintendent will be contacted for guidance and/or assistance. There have been no reported illicit discharges this year, but staff continues to monitor the creeks on a regular basis. They inspect wherever a roadway crosses the creek and outfalls.

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

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

The City has not experienced any major discharges.

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)
#1	#2	#132
Comments: The City has three active sites within city limits. Two adjacent active sites which has ≥ 1 acre of soil disturbance are City projects. The high priority site is adjacent to Refugio Creek, which is inspected on a weekly basis. The other is for a construction of a trail, which is not considered a high priority site. The third is a private development to construct 44 single family homes. No violations were issued for all three active sites.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations ⁵¹ excluding Verbal Warnings	% of Total Violations ⁵²
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	0	0
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
Total⁵³	0	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 Warning	0	0
Level 2	Notice of Violation	0	0
Level 3	Formal Enforcement	0	0
Level 4	Legal Action	0	0
Total		0	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)	0	0% 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 year ⁵⁹	0	
Comments: No, violations were issued during this reporting period.		

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:
 With general compliance of the few sites, it is difficult to analysis data trends and BMP performance issues.

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:
 Due staff reduction in recent years, the City has engaged storm water consultants to conduct construction inspections. Refer to the C.6 Construction Site Control section of CCCWP’s FY 14-15 Annual Report for a description of activities at the countywide or regional level.

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. 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
No training was conducted this year.				

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:
 Refer to the CCCWP's Annual Report for a complete review of advertising efforts conducted on behalf of all Permittees.

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: Refer to Section C.7 in the CCCWP's FY 14/15 Annual Report for complete details on the pre-campaign survey conducted for the CCCWP's Pesticides Campaign.

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: Refer to Section C.7 in the CCCWP's FY 14/15 Annual Report for complete details on the post-campaign survey conducted for the CCCWP's Pesticides Campaign.

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 Section C.7 of the CCCWP's FY 14-15 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 14-15:
 No change. Refer to the CCCWP's C.7 section of CCCWP's FY 14-15 Annual Report for efforts conducted countywide to publicize stormwater points of contact (e.g., CCCWP website, hotline, outreach materials, etc.).

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
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted

May 2015 "Bring Back the Natives" Garden Tours	Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.	
Our Water Our World	Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.	

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:
 The City participated through a countywide effort in Contra Costa Watershed Forum, Green Business Program and The CCCleanwater.org Community Calendar Website. Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
2015 Community Watershed Stewardship Grant Program	Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.	
CCCleanwater.org Community Calendar Website	Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.	
MyGreenGarden.org Website	Refer to the CCCWP's C.7 section of the FY 14-15 Annual Report for a full description of the event/activity and an evaluation of effectiveness.	
Annual City-Wide Cleanup at Corporation Yard	Citizens are invited to bring trash and household waste for drop-off.	Approximately 480 yards of trash collected.

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
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
“Be Classy Not Trashy” Youth Out Reach Litter Campaign	Refer to the C.7 Section of the CCCWP’s FY 14-15 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.		
Mr. Funnelhead School, City/County Events and TV Ads	Refer to the C.7 Section of the CCCWP’s FY 14-15 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.		
Kids for the Bay	Student awareness of the Watershed Action Program (WAP).	44 Students, their families, and two teachers.	Students and teachers are very engaged in learning about the watershed, aquatic life and pollutants that affect the environment and human health. (See Attachment C.7.h)

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 14-15, we contributed through the CCCWP 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 CCCWP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 14-15 Annual Report and the Urban Creeks Monitoring Report submitted on March 15, 2015.

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.						
Trends in Quantities and Types of Pesticides Used⁶⁰						
Pesticide Category and Specific Pesticide Used	Amount ⁶¹					
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Organophosphates						
Product or Pesticide Type A						
Product or Pesticide Type B						
Pyrethroids						
Product or Pesticide Type X (Bifenthrin)			5.8 oz	5.8 oz		
Product or Pesticide Type Y						
Carbaryl						
Fipronil					0.11 oz	0.08 oz

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.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	0
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.	0

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.d ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?				<input checked="" type="checkbox"/>	Yes	<input 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 checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR (See Attachment C.9.d)						
<input type="checkbox"/>	Equivalent documentation.						
If Not attached , explain:							

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

C.9.h.ii ▶ Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.	
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP'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 CCCWP'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

Provide the following:

- 1) Total number and types of full capture devices (publicly and privately-owned) installed to-date;
- 2) Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees); and, compare with the total required in the permit.
- 3) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices. Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions.

Type of Device	# of Devices	Acres Treated in FY 14-15 by Trash Generation Category				
		Low	Moderate	High	Very High	Total
Hydrodynamic Separator Units (HDS)	9	0	10	0	0	10
Low Impact Development (LID)	1	284	0	0	0	284
Total for all Types	10					294
Required by Permit						11

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		
3900 San Pablo Avenue	January & June 2015	Approx. 3 cubic yards	Approx. 2 cubic yards	Approx. 2 cubic yards	Approx. 2 cubic yards	Approx. 1.5 cubic yards	Food wrappers, bottles, plastic and paper products.	Commercial shopping center, pedestrian and vehicular traffic.

Additional Receiving Water Cleanups – If claimed as load reductions described in C.10.d – part C, describe the number and frequency of receiving water cleanups conducted in addition to those reported above. Include locations, cleanup dates, and the total volume of trash removed. Describe the overall plan, if any, associated with these additional cleanups if meant to change the trash condition of certain reaches of creeks or shorelines.

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
Caltrans corporation yard was mistakenly included in TMA #5. The property has been removed from the TMA and is considered non-jurisdictional.	TMA #5

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	Adopted on September 9th 2014, Single-use Bag Ordinance regulates the use of plastic and recyclable pager carryout bags and promotes the use of reusable bags. See Attachment C.10.d.PartA.1	N/A	N/A	0%
Expanded Polystyrene Food Service Ware Ordinance or Policy	Adopted on May 13th 2008, the Expanded Polystyrene Food Service Ware Ordinance prohibits the use or distribution of expanded polystyrene utensils. See Attachment C.10.d.PartA.2	N/A	N/A	0%
City of Hercules Community Clean Up Day	Community Clean Up Day was held on May 2nd 2015. This event allows Hercules residents to bring house hold trash to the City's corporation yard for disposal. See Attachment C.10.d.PartA.3	N/A	N/A	0%

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

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

- Identify 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;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Provide the 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 in the TMA;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- 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;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and % of TMA addressed.
- Provide the acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices;
- Provide the 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
- Provide an estimate of the % of trash reduced in the TMA as a result of ALL control measures implemented to-date in the TMA, using the following formula:

$$\% \text{ Reduction} = 100 [(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)}) - (12A_{VH} + 4A_H + A_M)] / (12A_{VH2009} + 4A_{H2009} + A_{M2009})$$

where:

- $A_{VH(2009)}$ = total amount of the 2009 very high trash generation category in jurisdictional area
- $A_{H(2009)}$ = total amount of the 2009 high trash generation category in jurisdictional area
- $A_{M(2009)}$ = total amount of the 2009 moderate trash generation category in jurisdictional area
- A_{VH} = total amount of very high trash generation category in jurisdictional area in the reporting year
- A_H = total amount of high trash generation category in jurisdictional area in the reporting year
- A_M = total amount of moderate trash generation category in jurisdictional area in the reporting year
- 12 = Very High to Moderate weighing ratio
- 4 = High to Moderate weighing ratio
- 100 = fraction to percentage conversion factor

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
TMA #1	11	Pedestrian litter from grocery store, retail and restaurants.	Plastic and paper food wrappers		0	11	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by <u>Full Capture Devices</u>	0	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	11	0	0
	Street sweeping within this TMA was increased from 2x/monthly to weekly. If visual assessment conclude that additional actions are required, the City plans to send anti-littering notifications to property owners or increase storm drain inspection and cleaning from 1x/annually to 2x/annually.			Area after Accounting for Other Actions (based on assessment results)	0	11	0	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	On-land visual assessment will be conducted 2x/annually. This TMA is divided into three assessment sections.							
	Summary of Assessment Results							
Visual assessments was conduct for all three assessment section within this TMA. Streets and gutter lines were clean with very little to no trash, but trash was visible within the commercial landscape area adjacent to the sidewalk. Two assessment sections were still assessed as high trash condition category. One assessment section was assessed as a medium trash condition category, but the City will not account for this reduction until multiple assessment have been conducted during the next reporting year.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	11	0	0
Estimated % Trash Reduction in this TMA					0%			

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
TMA #2	30	Pedestrian litter from convenient stores, restaurants and gas station.	Plastic and paper food wrappers	Baseline Generation Areas (2009)	0	0	30	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by <u>Full Capture Devices</u>	0	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	30	0
	Street sweeping within this TMA was increased from 2x/monthly to weekly. If visual assessment conclude that additional actions are required, the City plans to send anti-littering notifications to property owners or increase storm drain inspection and cleaning from 1x/annually to 2x/annually.			Area after Accounting for Other Actions (based on assessment results)	0	0	30	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	On-land visual assessment will be conducted 2x/annually. This TMA is divided into five assessment sections.							
	Summary of Assessment Results							
Visual assessments was conduct for all five assessment section within this TMA. One section was assessed as medium, due to the amount of visible trash within the commercial landscape area adjacent to the sidewalk. For four sections, streets and gutter lines were clean with very little to no trash and assessed as low trash condition category, but the City will not account for this reduction until multiple assessment have been conducted during the next reporting year.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	30	0
Estimated % Trash Reduction in this TMA					0%			

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
TMA #3	20	Pedestrian litter from public park and active sports facility.	Plastic bottles, can, paper and plastic wrappers		0	0	18	2
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by <u>Full Capture Devices</u>	0	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not Treated</u> by Full Capture Devices	0	0	18	2
	Street sweeping within this TMA was increased from 2x/monthly to weekly. Daily litter pickup is also conducted by City staff, work alternative program and landscape maintenance contractors. If visual assessment conclude that additional actions are required, the City plans improve trash bin management within and around the park or increase storm drain inspection and cleaning from 1x/annually to 2x/annually.			Area after Accounting for Other Actions (based on assessment results)	0	0	18	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	On-land visual assessment will be conducted 2x/annually. This TMA is divided into three assessment sections.							
	Summary of Assessment Results							
Visual assessments was conduct for all three assessment section within this TMA. For all three sections, streets and gutter lines were clean with very little to no trash and assessed as low trash condition category. The City will not account for this reduction until multiple assessment have been conducted during the next reporting year.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	18	2
Estimated % Trash Reduction in this TMA					0%			

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
TMA #4	12	Transit Parking Lot with only bus services	Plastic & paper wrappers, cans, bottles		0	0	10	2
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by <u>Full Capture Devices</u>	0	0	10	0
	10	LID Facility is a bio-retention that collects all the drainage from the site.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	0	2
	Assessment Methods for Control Measures Other than Full Capture Devices			Area after Accounting for Other Actions (based on assessment results)	0	0	0	2
	Summary of Assessment Results							
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	0	12
Estimated % Trash Reduction in this TMA					100%			

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
TMA #5	8	Industrial	Debris		0	0	8	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by <u>Full Capture Devices</u>	0	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	8	0
	No actions taken.							
	Assessment Methods for Control Measures Other than Full Capture Devices			Area after Accounting for Other Actions (based on assessment results)	0	0	8	0
	On-land visual assessments.							
	Summary of Assessment Results							
No assessments were conducted in this TMA.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	8	0
Estimated % Trash Reduction in this TMA					0%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
TMA #6	101	School, Pedestrian Litter	Paper, plastic bottles, wrappers....	Baseline Generation Areas (2009)	0	0	101	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	0	0	0
	0	No full trash captures devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	101	0
	The City is involved in the Trash Abatement Initiatives and Partnership between West County Cities/Contra Costa County and the West County Unified School District. The partnership allows the cities and the school district to communicate and combine efforts in reducing trash surrounding schools. The schools in Hercules have classroom programs that educate the students regarding trash and recycling. School District staff regularly conducts litter pickup within school sites. In addition, the street sweeping along the frontage of the Hercules Middle/High School was increased from 2x/monthly to weekly.			Area after Accounting for Other Actions (based on assessment results)	0	0	0	101
	Assessment Methods for Control Measures Other than Full Capture Devices							
	On-land visual assessment will be conducted 2x/annually. This TMA is divided into eight assessment sections.							
	Summary of Assessment Results							
Visual assessments were conducted twice for all schools within City limits. All streets and gutter lines fronting the schools had very little to no trash and assessed as low trash condition. With continued efforts from the school district staff, TMA #6 should remain in the low trash condition category.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	0	101
Estimated % Trash Reduction in this TMA					100%			

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
TMA #7	5	Multi-family residential, overflowing trash bins	Papers, plastic wrappers	Baseline Generation Areas (2009)	0	0	5	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	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	5	0
	No actions taken.							
	Assessment Methods for Control Measures Other than Full Capture Devices			Area after Accounting for Other Actions (based on assessment results)	0	0	5	0
	On-land visual assessments.							
	Summary of Assessment Results							
No assessments were conducted in this TMA.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	5	0
Estimated % Trash Reduction in this TMA					0%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
TMA #8	10	Public Park/Active Sports	Paper, wrappers, plastic bottles...	Baseline Generation Areas (2009)	0	0	10	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	0	0	0
	0	No full trash capture devices within this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	10	0
	Increased on-land litter pickup efforts by City staff, work alternative program and landscape maintenance contractors. If visual assessment conclude that additional actions are required, the City plans improve trash bin management within and around the park.			Area after Accounting for Other Actions (based on assessment results)	0	0	10	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	On-land visual assessment will be conducted 2x/annually.							
	Summary of Assessment Results							
One visual assessment was conduct for this TMA during this reporting period. The streets and gutter lines were clean with very little to no trash and assessed as low trash condition category. The City will not account for this reduction until multiple assessment have been conducted during the next reporting year.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	10	0
Estimated % Trash Reduction in this TMA					0%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
TMA #9	3751	N/A	N/A	Baseline Generation Areas (2009)	0	0	0	3751
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	0	0	284
	284	9 hydrodynamic separators were installed as part of 5 residential developments.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	0	0	0	3467
	N/A			Area after Accounting for Other Actions (based on assessment results)	0	0	0	3467
	Assessment Methods for Control Measures Other than Full Capture Devices							
	N/A							
	Summary of Assessment Results							
N/A								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	0	3751
Estimated % Trash Reduction in this TMA					0%			

C.10.d ► PART C – Estimated Overall Trash Load Reduction	
<p>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.</p>	
<p>Discussion of Trash Reduction Estimate (including Receiving Water Cleanups):</p> <p>The City estimates a 48% trash reduction in which 4% is due to an LID facility installed post MRP and 44% for trash reduction efforts at schools sites and surrounding areas. Trash reduction activities have been initiated within commercial areas of the City, but additional on-land visual assessments will be conducted to assess if the trash reduction actions are effective.</p>	
Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)	0%
Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B)	4%
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)	44%
Subtotal for Above Actions	48%
Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)	0%
Total Estimated % Trash Reduction FY 14-15	48%

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).

The City of Hercules' Household Hazardous Waste (HHW) programs are coordinated through RecycleMore, the West Contra Costa Integrated Waste Management Authority. Residents of Hercules may drop off your household hazardous waste for FREE at the The West Contra Costa County Household Hazardous Waste Facility in Richmond. Hazardous materials such as paint, pesticides, batteries, electronics, mercury thermometers, and others are acceptable items. RecycleMore promotion its HHW programs through its website, newsletters, brochures, flyers and videos. Website: www.recyclemore.com

A summary of countywide CCCWP and regional; accomplishments for these sub-provisions are include within the C.11 Mercury Controls section of CCCWP's FY 14-15 Annual Report and/or the BASMAA Regional POC Report.

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 CCCWP 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 CCCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 14-15 Annual Report, the Integrated Monitoring Report submitted on March 15, 2014, and the Urban Creeks Monitoring Report submitted on March 15, 2015.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

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

Description:

See the FY 14-15 CCCWP Annual Report for a description of training provided countywide and/or regionally.

- 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 CCCWP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 14-15 Annual Report, the Integrated Monitoring Report submitted March 15, 2014, and the Urban Creeks Monitoring Report submitted on March 15, 2015.

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

There has been very little construction activity and none that included copper features. Plan check staff is trained to identify these features, but none have occurred. Building permit staff also warns contractors against flushing copper piping systems and advises that the water must be captured and disposed of properly.

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

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

Summary

The City does not have any facilities that have been identified as potential users or sources of copper.

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:				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary:</p> <p>The City of Hercules through the CCCWP promote and implement several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:</p> <ul style="list-style-type: none"> • 6th Edition Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate). • Green Business Program, which promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management. • Our Water Our World (OWOW) Program, which promotes to consumers and the point of purchase less toxic alternatives to combating lawn and garden pests. • Bay Friendly Landscaping and Gardening Training and Certification Program, which promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶² (NTU)	Implemented BMPs & Corrective Actions
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁶²Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

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
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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.

HERCULES INVENTORY LIST

ATTACHMENT C.4.b.iii (1)

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

	Name	Address	City	Program Category
1	Kim's Salon & Spa	844 WILLOW Ave A9-A10	Hercules	Beauty Salon
2	Tyna Beauty Salon	844 WILLOW Ave #7	Hercules	Beauty Salon
3	West Coast Drilling	1350 WILLOW Ave	Hercules	Commercial
4	Cali Bay Dental Care	1581 SYCAMORE Ave #3	Hercules	Dental
5	Dental Center	844 WILLOW Ave	Hercules	Dental
6	Hercules Cleaners	1581 SYCAMORE Ave	Hercules	Dry Cleaner
7	Park Lake Cleaners	1572 SYCAMORE Ave #C	Hercules	Dry Cleaner
8	Willow Cleaners	844 WILLOW Ave #A5	Hercules	Dry Cleaner
9	Biryani House / Banquet Hall	848 WILLOW Ave #E,F,G	Hercules	Food Service
10	Burger King	844 WILLOW Ave	Hercules	Food Service
11	Claws and Crows	848 WILLOW Ave	Hercules	Food Service
12	Creekside Café	1581 SYCAMORE Ave A9	Hercules	Food Service
13	Dragon Terrace	1581 SYCAMORE Ave #1	Hercules	Food Service
14	Extreme Pizza	3700 SAN PABLO Ave	Hercules	Food Service
15	Hercules Round Table	1511 SYCAMORE Ave #D	Hercules	Food Service
16	Jack in the Box	3800 SAN PABLO Ave #A	Hercules	Food Service
17	Kinders Meats, Deli, BBQ	3600 SAN PABLO Ave #1	Hercules	Food Service
18	L&L Hawaiian Barbeque	1572 SYCAMORE Ave #B	Hercules	Food Service
19	Marylou's Homemade Delights	1572 SYCAMORE Ave F	Hercules	Food Service
20	Mazatlan Taqueria & Grill	844 WILLOW Ave #A11	Hercules	Food Service
21	McDonald's	1570 SYCAMORE Ave	Hercules	Food Service
22	Powder Keg	2132 RAILROAD Ave	Hercules	Food Service
23	RSM Oriental Foodmart/Restaurant	1500 SYCAMORE Ave #B-5	Hercules	Food Service
24	Shinsen Sushi	1581 SYCAMORE Ave	Hercules	Food Service
25	Starbucks Coffee	3700 SAN PABLO Ave	Hercules	Food Service
26	Starbucks Coffee	842 WILLOW Ave	Hercules	Food Service
27	Subway	1572 SYCAMORE Ave #A	Hercules	Food Service
28	Sunflower Bakery	1500 SYCAMORE Ave #B-3	Hercules	Food Service
29	Taco Bell	1541 SYCAMORE Ave	Hercules	Food Service
30	Willow Garden Chinese	844 WILLOW Ave #A-8	Hercules	Food Service
31	Won Thai Cuisine	833 WILLOW Ave #A-1A	Hercules	Food Service
32	Hercules Shell Gas Station	3900 SAN PABLO Ave	Hercules	Gas Station
33	Union 76/Pro Wash & Go	828 WILLOW Ave	Hercules	Gas Station
34	Willow Food & Liquor	844 WILLOW Ave #A1	Hercules	Grocery Store
35	Bay Bioanalytical Laboratory	551 LINUS PAULING Drive A	Hercules	Laboratory
36	Bio-Rad Laboratories	2000 ALFRED NOBEL Drive	Hercules	Laboratory
37	Bio-Rad Laboratories	225-265 LINUS PAULING Drive	Hercules	Laboratory
38	Bio-Rad Laboratories	4000 ALFRED NOBEL Drive	Hercules	Laboratory
39	Bio-Rad Laboratories	6000 JAMES WATSON Drive	Hercules	Laboratory
40	Bio-Rad Laboratories	800 ALFRED NOBEL Drive	Hercules	Laboratory
41	Bio-Rad Laboratories	925 ALFRED NOBEL Drive	Hercules	Laboratory
42	Davi Lab	730 ALFRED NOBEL Drive	Hercules	Laboratory
43	Investigen DNA Biotechnologies	750 ALFRED NOBEL Drive #104	Hercules	Laboratory
44	PTRL West Lab	625 ALFRED NOBEL Drive B	Hercules	Laboratory
45	West Coast Pathology Laboratory	708-712 ALFRED NOBEL Drive 104	Hercules	Laboratory
46	Westcoast Pathology Laboratory	710 ALFRED NOBEL Drive	Hercules	Laboratory
47	A&B Die Casting	900 ALFRED NOBEL Drive	Hercules	Manufacturing
48	Creek Side Center	1501 SYCAMORE Ave	Hercules	Property Mngt
49	Donald Rosenberg	3600 SAN PABLO Ave	Hercules	Property Mngt
50	Lin Group Properties, LLC	1572 SYCAMORE Ave	Hercules	Property Mngt
51	Big Lots	1551 SYCAMORE Ave	Hercules	Retail
52	Rite Aid	1560 SYCAMORE Ave #B-5	Hercules	Retail

ATTACHMENT C.4.b.iii (2)

C.4.b.iii (2) Planned Inspections for Hercules (7/1/2015 to 6/30/2016)

7/27/2015

Name	Address	City	Facility Type
Enforcement Reinspections			
Creek Side Center	1501 SYCAMORE Ave	Hercules	Property Mngt
Dragon Terrace	1581 SYCAMORE Ave #1	Hercules	Food Service
West Coast Drilling	1350 WILLOW Ave	Hercules	Commercial
Subtotal: 3			
Inspection Cycle			
Bay Bioanalytical Laboratory	551 LINUS PAULING Drive A	Hercules	Laboratory
Marylou's Homemade Delights	1572 SYCAMORE Ave F	Hercules	Food Service
Bio-Rad Laboratories	225-265 LINUS PAULING Drive	Hercules	Laboratory
Creekside Café	1581 SYCAMORE Ave A9	Hercules	Food Service
Dental Center	844 WILLOW Ave	Hercules	Dental
Kim's Salon & Spa	844 WILLOW Ave A9-A10	Hercules	Beauty Salon
Tyna Beauty Salon	844 WILLOW Ave #7	Hercules	Beauty Salon
RSM Oriental Foodmart/Restaurant	1500 SYCAMORE Ave #B-5	Hercules	Food Service
Investigen DNA Biotechnologies	750 ALFRED NOBEL Drive #104	Hercules	Laboratory
Pacific Bio Labs	551 LINUS PAULING Drive	Hercules	Laboratory
West Coast Pathology Laboratory	708-712 ALFRED NOBEL Drive 104	Hercules	Laboratory
Westcoast Pathology Laboratory	710 ALFRED NOBEL Drive	Hercules	Laboratory
PTRL West Lab	625 ALFRED NOBEL Drive B	Hercules	Laboratory
Choko's Cuisine	1511 SYCAMORE Ave	Hercules	Food Service
Home Depot	1625 SYCAMORE Ave	Hercules	Retail
Davi Lab	730 ALFRED NOBEL Drive	Hercules	Laboratory
Union 76/Pro Wash & Go	828 WILLOW Ave	Hercules	Gas Station
Donald Rosenberg	3600 SAN PABLO Ave	Hercules	Property Mngt
Extreme Pizza	3700 SAN PABLO Ave	Hercules	Food Service
Kinders Meats, Deli, BBQ	3600 SAN PABLO Ave #1	Hercules	Food Service
Starbucks Coffee	3700 SAN PABLO Ave	Hercules	Food Service
Subtotal: 21			

TOTAL INSPECTION GOAL (110%)=24

Target: 18

Annual Goal = 16



WATERSHED ACTION PROGRAM INTERIM REPORT

PREPARED FOR
THE CITY OF HERCULES

INTRODUCTION

KIDS for the BAY (KftB) is providing the Watershed Action Program (WAP) to two classes in the City of Hercules during the 2014-15 school year, reaching forty-four students, their families, and two teachers. We are thrilled to report that the students and teachers are very engaged in learning about the watershed, aquatic life and pollutants that affect the environment and human health.

SUMMARY OF 2014-2015 CLASSROOM LESSONS

What is a Watershed?

Lupine Hills Elementary School is located just south east of the San Pablo Bay, an integral part of our local watershed. The fourth grade students in both classes were eager to learn about their local watershed, and use hands-on activities to engage with their environment. During the first lesson, students learned about the Bay in which they live, why it is important to them, as well as it's connectedness to the rest of California. "A watershed is land that is connected by water," stated Tyler after being taught the concept by KIDS for the BAY. "Yes, and it is when water flows from the rain, to river, to bay, to ocean!" added Lily in excitement.

Satellite Map Investigation

Students had the opportunity to study a large satellite map of the San Francisco Bay watershed. This map illustrates where the ocean and the rivers enter the bay and mix to form an estuary.

KIDS for the BAY Instructor Aislinn Sterling demonstrated to students how to identify various locations on a satellite map of the Bay Area, and how, when seen from above, the bay is in the shape of a mermaid. Students were able to use this "mermaid's" anatomy to find their own city, various bodies of water, bridges, and many other landmarks. The fourth graders were especially excited to locate features on the map they were familiar with, including the City of Hercules, the Golden Gate Bridge, and the Sacramento and San Joaquin Rivers. "Look, we live here! Right where the mermaid would rest her head on a pillow!" exclaimed Meron.

Estuary Studies and Bay Models

By creating working models of the bay, the fourth graders observed how fresh water and salt water combine in the bay to create an estuary. Groups of students fashioned their models with clay and added bridges, islands, and cities in the correct locations. Everyone worked together to pour the fresh (clear) and salt (blue) water into their model and watch it swirl together. As they watched the water slowly combine in the bay, the entire class erupted with scientific observations. "When the fresh water and salt water combine it is called brackish water," Jordan explained to his classmate. "And the salt water is denser than the fresh water!" Adrian stated. "We just made a really cool estuary!" Tia said as a smile spread across her face.

Ms. Sterling then had the students close their eyes and imagine a scene in which they were sailing on the bay with their families and witness a freight ship leaking oil into the water. During this visualization, Ms. Sterling went around and put one drop of red food coloring into each group's bay model. When students opened their eyes, they were astounded to see how the red dye, symbolic of the ship's pollution, was spreading throughout their estuaries. "When you put pollution in the water it can spread all around the ocean!" exclaimed Raichel. "The pollution is getting everywhere and hurting all of the animals!" noted Adrian. All of the students were captivated by the idea of pollution spreading, and asked many follow-up questions about how they could reduce pollution to help the animals of the bay area.

The Storm Drain System

During the second lesson the classes compared and contrasted the storm drain and sewer systems, learning the importance of both. Students began the lesson thinking that both systems were the same, and that storm drain water gets cleaned before entering the bay, similar to sewer water. Ms. Sterling taught them that storm drain water does not get cleaned, and therefore all of the trash and pollution that goes into it also does not get filtered out. "You mean that garbage that goes down the storm drain could get into the ocean?" asked Jacari. "Why don't they have people clean the storm drains, or have big filters that keep the trash from getting to the bay?" Tia wondered.

The students brainstormed different types of pollution that could enter the storm drains, and what effects these items could have on people and animals. Ideas included oil, plastic bags, pesticides, and soap from washing cars. The class then discussed strategies for keeping these types of pollution out of storm drains.

Marine Debris

After learning how pollution can travel through the storm drain system, students looked at photographs of marine animals harmed by garbage and learned about the negative effects of marine debris. They felt very concerned for the marine life. "Oh, no! This sea turtle is eating a plastic bag! That is just going to sit in its stomach!" Jazzlynn exclaimed. "Yes, and this sea lion has something stuck around its neck and now it won't be able to eat!" Arielle pointed out.

Campus and Neighborhood Clean-Up

Conducting a campus clean up was an especially powerful experience for the fourth graders at Lupine Hills Elementary School. Both classes used tongs to pick up trash and documented their findings. Ms. Abbott and Ms. River's classes together removed 857 pieces of trash from their campus. "I never knew there was so much trash here!" exclaimed Brendan as he unearthed a large piece of plastic from beneath some bushes. Students were ecstatic knowing that each piece of trash they picked up could potentially help save an animal somewhere in the world. "Look at all this trash we're picking up! We're helping so many animals!" Jordan said enthusiastically. Students found a variety of objects, ranging from plastic bottles to tin cans and numerous paper products. "I never

knew there was so much litter here! People really need to pick up after themselves!” Leilani said to her classmate.

The students had an opportunity to teach a family member about pollution prevention during a take-home interview they completed with an adult. Fourth grade student Kiara shared a pledge to prevent storm drain pollution, “I pledge to pick up one piece of trash every day to help our environment.”

Bay Organism Investigations

During the fish and crab investigation Ms. Sterling had the students do “fish and crab adaptation yoga.” She asked them about the anatomy they noticed and they suggested gills, fins, dactyls/claws, carapace/shell, walking legs, etc. Then in order to understand how these parts are important adaptations, she asked them to pretend to have each part and show her what would happen if they lost that part. For example, they decided the bass would have to come to the surface for air all the time if they didn't have gills and crabs would be unable to move without their eight walking legs. In this way the students were able to actively take part in their education, using kinesthetic movements to link concepts and vocabulary.

Students learned the various fin types of the striped bass, and studied the difference between gills and lungs. “Dungeness crabs have hairs called bristles that are used to feel the motion of waves. I also learned that a striped bass has a top dorsal fin that is used for defense because it is sharp,” Irish explained to Ms. Sterling after learning this from the KIDS for the BAY worksheet. When learning about crab anatomy, students were captivated by the crab’s abdomen and walking legs. “If you look underneath the crab you can tell if it is a boy or a girl based on what size and shape the abdomen is!” said Jimmy. “A crab has eight walking legs and two claws, for a total of ten legs” Mia stated to her classmates. “Yes, and the crab can only walk sideways because of how its legs are!” added in Kiara. All of the students took turns holding the crab and moving it’s legs as if it were walking, giggling at the thought of having to walk everywhere sideways.

Bay Food Chains

Students learned about aquatic food chains, and how pollution biomagnifies as it travels through organisms up a food chain. Students loved playing the Food Chain Game, which demonstrated this concept. They role played as anchovies, salmon and humans, excitedly chasing one another to fit as much plankton as they could into their “stomachs.” After the educational game, Lupine Hills Elementary students excitedly shared what they learned. “I learned all about the food chain, how one animal gets eaten by another, and animals at the end of the food chain have more pollution,” said Chloe.

The students also dove into the topic of plankton, learning all about its importance as a global contributor of oxygen, and also a key component in many food chains. “I learned today that there are two types of plankton- zooplankton and phytoplankton!” Chloe exclaimed to her class. Tommy, another student, added in, “Yes, and a jelly fish is a type of zooplankton!”

Dangers of Harmful Pesticides

Students learned about toxic pollutants such as pesticides, and how they can spread to affect a multitude of environments. The fourth graders excitedly participated in an activity in which they created a model that included a hill made of gravel, a small house, various plants, and the ground water. Then “pesticide” represented by red food coloring was added to the model.

Ms. Sterling asked the students for predictions about the experiment, and the students were very eager to see what would happen when it “rained” over the model, simulated by water dripping through an overhead cup. One student, Lance, predicted, “When it rains, the chemicals will pollute the ground creek.” Ms. Sterling discussed that the water under the rocks is called groundwater, and how the pesticides would not only pollute the creek, but the groundwater as well. After the experiment, Chrystale made the connection that “The pollution can also hurt animals that eat or drink from the creek.” The experiment led to a high-level discussion about toxins in our watershed, and how they can both directly and indirectly impact humans and wildlife.

Water Conservation

Ms. Sterling began this lesson by asking the students what they commonly use water for. After a myriad of responses, Ms. Sterling pointed out that all of these things require fresh water, and that fresh water is in limited supply. Students learned that only 3% of the water on Earth is fresh, and of that small percentage only a fraction of it is accessible. Ms. Sterling then demonstrated this idea with a gallon jug of water, a cup, and a spoon. She told the class that the gallon represented all of the water on Earth. She poured roughly 3% of it into the cup, representing all of the freshwater on the planet. Ms. Sterling then used a dropper to transfer just a few drops from the cup on to the spoon, showing the students the 0.33% of the Earth’s water that is accessible fresh water. Students were blown away by the small amount that Ms. Sterling was holding on the spoon. “I want to take shorter showers so that I can share water with all the animals. I’ll use only what I need!” Eliza stated to her class. The students were excited to take home and fill out water conservation logs, observe how much water they use in a day, and then make pledges to reduce their usage.

ACTION PROJECT

For their Action Project, Lupine Hills Elementary School fourth graders have decided to focus on educating their school about waste reduction. Students will make posters to place on campus trash cans, illustrating the proper disposal bins for various items. The classes will also create a video demonstrating to the rest of the school how to use the new garbage sorting system.

FIELD TRIP

Both classes will also have the opportunity to study Bay Area animals and habitats during their Field Trip to the Martinez Shoreline. Students will examine and identify plankton under a microscope, and use binoculars to investigate birds. Lupine Hills students will

also conduct a Clean-Up of the shoreline, taking action to reduce the pollution in their watershed. More information about the Action Project and the Field Trip to the Martinez Shoreline will be included in the final report.

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ATTACHMENT C.10.d.PartA.1

ORDINANCE NO. 480

AN ORDINANCE OF THE CITY OF HERCULES ADDING CHAPTER 11 TO TITLE 5 OF THE HERCULES MUNICIPAL CODE REGULATING THE USE OF PLASTIC CARRYOUT BAGS AND RECYCLABLE PAPER CARRYOUT BAGS AND PROMOTING THE USE OF REUSABLE BAGS WITHIN THE CITY OF HERCULES

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF HERCULES DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Chapter 11 is hereby added to Title 5 of the Hercules Municipal Code.

CHAPTER 11. TITLE 5.

REGUULATIONS ON THE USE OF PLASTIC CARRYOUT BAGS AND RECYCLABLE PAPER CARRYOUT BAGS

SECTION 2. DEFINITIONS

When used in this article the following terms shall mean or include:

- a. "Carryout Bag" means a bag other than a Reusable Bag provided at the check stand, cash register, point of sale or other point of departure for the purpose of transporting food or merchandise out of the establishment. Carryout Bags do not include bags without handles provided to the Customer to transport produce, bulk food or meat from a produce, bulk food or meat department with in a store to the point of sale.
- b. "Customer" means any person purchasing goods from a Retail Establishment.
- c. "Nonprofit Charitable Reuser" means a charitable organization, as defined in Section 501(c)(3) of the Internal Revenue Code of 1986, or a distinct operating unit or division of the charitable organization, that reuses and recycles donated goods or materials and receives more than fifty percent (50%) of its revenues from the handling and sale of those donated goods or materials.
- d. "Operator" means the person in control of, or having the responsibility for, the operation of a Retail Establishment, which may include, but is not limited to, the owner of the Retail Establishment.
- e. "Person" means any natural person, firm, corporation, partnership, or other organization or group however organized.
- f. "Plastic Bag" means any bag made predominantly of plastic derived from either petroleum, ethylene derived from natural gas, or a biologically-based source, such as corn or other plant sources, which is provided to a Customer at the point of sale. Plastic bags includes: compostable and biodegradable bags but does not include Reusable

Bags, Produce Bags, or Product Bags.

- g. "Public Eating Establishment" means a restaurant, take-out food establishment, or any other business that receives 90% or more of its revenue from the sale of Prepared Food to be eaten on or off its premises.
- h. "Postconsumer Recycled Material" means a material that would otherwise be destined for solid waste disposal, having completed its intended end use and product life cycle. "Postconsumer Recycled Material" does not include materials and by-products generated from, and commonly reused within, an original manufacturing and fabrication process.
- i. "Prepared Food" means foods or beverages which are prepared on premises by cooking, chopping, slicing, mixing, freezing, or squeezing, and which require not further preparation to be consumed. Prepared Food does not include any raw, uncooked meat product or fruits or vegetables which are chopped, squeezed or mixed.
- j. "Produce Bag" or "Product bag" means any bag without handles used exclusively to carry produce, meats, or other food items to the point of sale inside a Retail Establishment or to prevent such food items from coming into direct contact with other purchased items.
- k. "Recyclable" means material that can be sorted, cleansed, and reconstituted using available recycling collection programs for the purpose of using the altered form in the manufacture of a new product. "Recycling" does not include burning, incinerating, converting, or otherwise thermally destroying solid waste.
- l. "Recycled Paper Bag" means a paper bag provided at the check stand, cash register, point of sale, or other point of departure for the purpose of transporting food or merchandise out of the establishment and that meets all of the following requirements: (1) contains no old growth fiber, (2) is one hundred percent (100%) recyclable overall and contains a minimum of forty percent (40%) Postconsumer Recycled Material; (3) displays the words "Reusable and Recyclable" in a highly visible manner on the outside of the bag; (5) and displays the percentage of Postconsumer Recycled Material used; and (6) the name and location of the manufacturer.
- m. "Reusable Bag" means a bag with handles that is specifically designed and manufactured for multiple reuse and meets all of the following requirements: (1) has a minimum lifetime of 125 uses, which for purposes of this subsection, means the capability of carrying a minimum of 22 pounds 125 times over a distance of at least 175 feet;; (3) is machine washable or capable of being cleaned and disinfected; (4) does not contain lead, cadmium, or any other heavy metal in toxic amounts as defined by applicable State and Federal standards and regulations for packaging or reusable bags (5) if made of plastic, is a minimum of at least 2.25 mils thick.
- n. "Retail Establishment" means any commercial establishment that sells perishable and

nonperishable goods including, but not limited to, clothing, food and personal items directly to the Customer; and is located within or doing business within the geographical city limits of the City of Hercules. Retail Establishments does not include Public Eating Establishments or Nonprofit Charitable organizations.

- o. "Single-Use Carryout Bag" means a bag other than a Reusable Bag provided at the check stand, cash register, point of sale or other point of departure for the purpose of transporting food or merchandise out of the establishment. Single-Use Carryout Bags do not include bags without handles provided to the Customer to transport produce, bulk food or meat from a produce, bulk food or meat department with in a store to the point of sale.

SECTION 3. PLASTIC CARRYOUT BAGS PROHIBITED

- a. No Retail Establishment shall provide a Single-Use Carryout Bag to a Customer at the check stand, cash register, point of sale or other point of departure for the purpose of transporting food or merchandise out of the establishment except as provide in this Ordinance.
- b. This prohibition applies to bags provided for the purpose of carrying away goods from the point of sale and does not apply to Produce Bags or Product Bags.

SECTION 4. PERMITTED BAGS

All Retail Establishments shall provide or make available to a Customer only Recycled Paper Carryout bags or reusable bags for the purpose of carrying away goods or other materials from the point of sale, subject to the terms of this ordinance. Nothing in this ordinance prohibits Customers from using bags of any type that they bring to the Retail Establishment themselves or from carrying away goods that are not placed in a bag, in lieu of using bags provided by the store.

SECTION 5. REGULATION OF RECYCLED PAPER CARRYOUT BAGS

- a. Any Retail Establishment that provides a Recycled Paper Carryout Bag or Reusable Bag to a Customer must charge the Customer a minimum charge of 10 cents (\$0.10) for each bag provided, except as otherwise provided in the ordinance.
- b. All Retail Establishments must indicate on the Customer receipt the number of Recycled Paper Carryout Bags provided and the total amount charged for the bags.
- c. All monies collected by a Retail Establishment under this ordinance will be retained by the Retail Establishment and may be used for any of the following purposes:
 1. Costs associated with complying with the requirements of this ordinance,
 2. Actual costs of providing Recycled Paper Carryout Bags, or

3. Costs associated with a Retail Establishment's educational materials or education campaign encouraging the use of reusable bags, if any.
4. Fund reusable bags giving-aways during limited-time store promotions.
- d. All Retail Establishments must report to the City Manager (or Other Designee), on an annual basis, the total number of Recycled Paper Carryout Bags provided, the total amount of monies collected for providing Recycled Paper Carryout Bags, and a summary of any efforts a Retail Establishment has undertaken to promote the use of reusable bags by Customers in the prior year. Such reporting must be done on a form prescribed by the City Manager, and must be signed by a responsible agent or officer of the Retail Establishment confirming that the information provided on the form is accurate and complete. All reporting must be submitted no later than 45 days after the end of each calendar year.
- e. If the reporting required is not timely submitted by a Retail Establishment, such Retail Establishment shall be subject to the fines set forth.

SECTION 6. USE OF REUSABLE BAGS

- a. All Retail Establishments must provide Reusable Bags to Customers, either:
 1. For sale; or
 2. At a minimum charge of 10 cents (\$0.10) per bag during limited-time store promotions.
 3. Exemptions would be made for sanctioned reusable bag giveaway events that are intended to promote the use of reusable bags not exceeding a total of 90 days in any consecutive 12-month period.
- b. Each Retail Establishment is strongly encouraged to educate its staff to promote reusable bags and to post signs encouraging Customers to use reusable bags.

SECTION 7. EXEMPT CUSTOMERS

A Retail Establishments may provide at the point of sale, free of charge, either reusable bags or Recycled Paper Carryout Bags or both, at the Retail Establishment's option, to any Customer participating either in the California Special Supplemental Food Program for Women, Infants, and Children pursuant to Article 2 (commencing with Section 123275) of Chapter 1 of Part 2 of Division 106 of the Health and Safety Code or in the Supplemental Food Program pursuant to Chapter 10 (commencing with Section 15500) of Part 3 of Division 9 of the Welfare and Institutions Code, the State Department of Social Services Food Stamp program, other government-subsidized purchase programs for low-income residents.

SECTION 8. ENFORCEMENT AND VIOLATION-PENALTY

- a. The City Manager and/or his/her agent have primary responsibility for enforcement of this ordinance. The City Manager is authorized to promulgate regulations and to take any and all other actions reasonable and necessary to enforce this ordinance, including, but not limited to, investigating violations, issuing fines and entering the premises of any Retail Establishment during business hours. Other City staff may assist with this enforcement responsibility by entering the premises of a Retail Establishment as part of their regular inspection functions and reporting any alleged violations to the City Manager.
- b. If the City Manager determines that a violation of the ordinance has occurred, he/she will issue a written warning notice to the Operator of a Retail Establishment that a violation has occurred and the potential penalties that will apply for future violations.
- c. Any Retail Establishment that violates or fails to comply with any of the requirements of the ordinance after a written warning notice has been issued for that violation shall be guilty of an infraction.
- d. If a Retail Establishment has subsequent violations of the ordinance that are similar in kind to the violation addressed in a written warning notice, the following penalties will be imposed and shall be payable by the Operator of the Retail Establishment to the City of Hercules:
 1. A fine not exceeding one hundred dollars (\$100.00) for the first violation after the written warning notice is given;
 2. A fine not exceeding two hundred dollars (\$200.00) for the second violation after the written warning notice is given; or
 3. A fine not exceeding five hundred dollars (\$500.00) for the third and any subsequent violations after the written warning notice is given.
- e. A fine shall be imposed for each day a violation occurs or is allowed to continue.
- f. All fines collected pursuant to the ordinance shall be deposited in the Solid Waste Management Fund to assist the department with its costs of implementing and enforcing the requirements of the ordinance.
- g. Any Retail Establishment Operator who receives a written warning notice or fine may request an administrative review of the accuracy of the determination or the propriety of any fine issued, by filing a written notice of appeal with the City Manager no later than 30 days after receipt of a written warning notice or fine, as applicable. The notice of appeal must include all facts supporting the appeal and any statements and evidence, including copies of all written documentation and a list of any witnesses that the appellant wishes to be considered in connection with the appeal. The appeal will be

heard by a hearing officer designated by the City Manager. The hearing officer will conduct a hearing concerning the appeal within 45 days from the date that the notice of appeal is filed, or on a later date if agreed upon by the appellant and the City of Hercules, and will give the appellant 10 business days prior written notice of the date of the hearing. The hearing officer may sustain, rescind, or modify the written warning notice or fine, as applicable, by written decision. The hearing officer will have the power to waive any portion of the fine in a manner consistent with the decision. The decision of the hearing officer is final and effective on the date of service of the written decision, is not subject to further administrative review, and constitutes the final administrative decision.

SECTION 9. SEVERABILITY

If any section, subsection, sentence, clause, or phrase of this ordinance is for any reason held to be invalid by a decision of any court of competent jurisdiction, that decision will not affect the validity of the remaining portions of the ordinance. The CITY COUNCIL hereby declares that it would have passed this ordinance and each and every section, subsection, sentence, clause, or phrase not declared invalid or unconstitutional without regard to whether any portion of this ordinance would be subsequently declared invalid.

SECTION 10. NO CONFLICT WITH FEDERAL OR STATE LAW

Nothing in this ordinance is intended to create any requirement, power or duty that is in conflict with any federal or state law.

PUBLICATION AND EFFECTIVE DATE

This Ordinance shall be published in accordance with applicable law, by one or more of the following methods:

- a. This Ordinance shall be published in accordance with applicable law, by one or more of the following methods:
 1. Posting the entire Ordinance in at least three (3) public places in the City of Hercules, within fifteen (15) days after its passage and adoption; or
 2. Publishing the entire Ordinance at least once in the West County Times, a newspaper of general circulation published in the County of Contra Costa and circulated in the City of Hercules, within fifteen (15) days after its passage and adoption; or
 3. Publishing a summary of the Ordinance prepared by the City Attorney in the West County Times and posting a certified copy of the entire Ordinance in the office of the City Clerk at least five (5) days prior to the passage and adoption, and a second time within fifteen (15) days after its passage and adoption, along with the names of those City Council Members voting for and against the Ordinance.

This Ordinance shall go into effect six (6) months after the date of its passage and adoption.

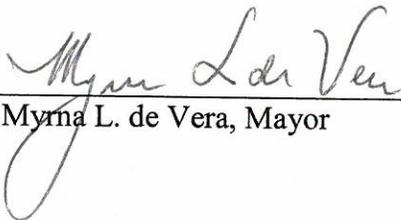
THE FOREGOING ORDINANCE was first read at a regular meeting of the Hercules City Council on the twenty-sixth day of August 2014, and was passed and adopted at a regular meeting of the Hercules City Council on the ninth day of September 2014, by the following vote of the Council:

AYES: de Vera, Delgado, McCoy, Romero

NOES: Kelly

ABSTAIN: None

ABSENT: None

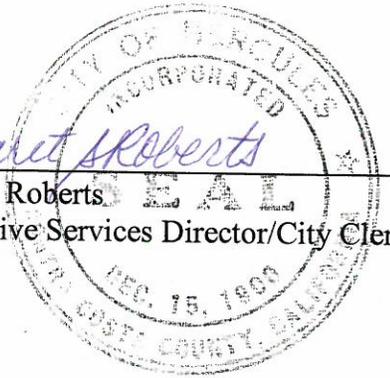


Myrna L. de Vera, Mayor

ATTEST:



Margaret S. Roberts
Administrative Services Director/City Clerk



ORDINANCE NO. 436

ORDINANCE OF THE CITY COUNCIL OF THE CITY OF HERCULES AMENDING TITLE 5 "SANITATION AND HEALTH," CHAPTER 3 "FOOD HANDLING," ARTICLE 1 "GENERAL PROVISIONS," OF THE HERCULES MUNICIPAL CODE, BY AMENDING SECTION 5-3.101, "DEFINITIONS," AND ADDING SECTION 5-3.109 BANNING EXPANDED POLYSTYRENE IN FOOD SERVICE UTENSILS.

WHEREAS, many food service businesses use disposable food containers made from expanded polystyrene (EPS); and

WHEREAS, EPS is not biodegradable and persists in the environment for hundreds and possibly thousands of years; and

WHEREAS, numerous studies have documented the prevalence of EPS debris in the environment; and

WHEREAS, EPS material easily breaks down into smaller pieces, floats in water, and is carried by the wind, even when it has been disposed of properly; and

WHEREAS, recycling of EPS products is not economically viable; and

WHEREAS, there are several alternatives to EPS food service containers available from food packaging suppliers; and

WHEREAS, the City of Hercules seeks to protect the environment and wildlife, the economy, and the health of its residents; and

WHEREAS, the City Council finds, after due study, deliberation, and public hearing that the following circumstances exist:

- a. The proposed amendment is consistent with the Hercules General Plan;
- b. The proposed amendment will not be detrimental to the health, safety, welfare, and public interest of the City; and
- c. The proposed amendment is internally consistent and does not conflict with the purposes, regulations, and required findings of the Hercules Municipal Code.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF HERCULES DOES HEREBY ORDAIN AS FOLLOWS:

SECTION I. TITLE 5, CHAPTER 3, ARTICLE 1 OF THE HERCULES MUNICIPAL CODE IS HEREBY AMENDED BY ADDING THE FOLLOWING TO SECTIONS 5-3.101(i) – 5-3.101(l):

5-3.101 Definitions

- (i) "Expanded Polystyrene" means and includes blown polystyrene and expanded and extruded foams (commonly and often incorrectly called Styrofoam[®], a Dow Chemical Co. trademarked form of polystyrene foam insulation) that are thermoplastic petrochemical materials utilizing a styrene monomer and processed by any number of techniques including, but not limited to, fusion of polymer spheres (expanded bead polystyrene), injection molding, foam molding, and extrusion-blow molding (extruded foam polystyrene). For the purposes of this ordinance, the term "polystyrene" shall not include clear polystyrene known as "oriented polystyrene."
- (j) "Non-Profit Food Provider" means a recognized tax-exempt organization that provides food as a part of its services.
- (k) "Prepared Food" means Food that is prepared by cooking, chopping, slicing, mixing, brewing, freezing, squeezing, or other onsite means and served on the vendor's premises. Prepared Food does not include any raw uncooked meat or eggs. Prepared Food may be eaten or consumed either on or off the vendor's premises.
- (l) "Retail Food Vendor" means any store, shop, sales outlet, or other establishment, including a grocery store or a delicatessen, located within the City, which provides Prepared Food.

SECTION II. TITLE 5, CHAPTER 3, ARTICLE 1 OF THE HERCULES MUNICIPAL CODE IS HEREBY AMENDED BY ADDING THE FOLLOWING SECTION 5-3.109:

5-3.109 (a) Food Utensil Prohibitions

- A. No Restaurant, Retail Food Vendor, Itinerant Food-Handling Establishment, or Non-Profit Food Provider shall provide Prepared Food to its customers in any Utensils made of Expanded Polystyrene.
- B. The City shall prohibit the use or distribution of Expanded Polystyrene Utensils at all City facilities. The City shall not purchase or acquire Expanded Polystyrene Utensils.
- C. The use or distribution of Expanded Polystyrene Utensils for service of Prepared Food at events sponsored, co-sponsored, or approved by permit by the City is prohibited. This prohibition shall apply to the event organizers, agents of the event organizers, event Retail Food Vendors, and any other party (including non-profit organizations) who enter into an agreement with one or more of the co-sponsors of the event to sell or provide Prepared Food at the event or otherwise provide an event-related service.
- D. All facility rental agreements for any City-owned or leased property or facility shall include a provision requiring contracting parties to assume

responsibility for preventing the use and distribution of Expanded Polystyrene Utensils for service of Prepared Food at the associated function. The facility rental agreement shall indicate that the violating contractor's security deposit will be forfeited if the City Manager, or his/her designee, determines that Expanded Polystyrene Utensils were used in violation of the rental agreement.

(b) Exceptions

- A. Food items packaged outside the boundaries of the City are exempt from the provisions of this ordinance.
- B. The City Manager, or his/her designee, may exempt a Restaurant, Retail Food Vendor, Itinerant Food-Handling Establishment, or Non-Profit Food Provider from the requirements of this ordinance for a one-year period, upon showing by the applicant that the conditions of this ordinance would cause undue hardship. The phrase "undue hardship" shall be construed to include, but not be limited to:
 - (a) Situations where there are no acceptable alternatives to Expanded Polystyrene Utensils for reasons which are unique to the Restaurant, Retail Food Vendor, Itinerant Food-Handling Establishment, or Non-Profit Food Provider;
 - (b) Situations where compliance with the requirements of this ordinance would deprive a person of a legally protected right.
- C. Coolers and ice chests made of Expanded Polystyrene are exempt from the provisions of this ordinance.
- D. Food Utensils required to be purchased under a contract entered into less than one year prior to the effective date of this ordinance are exempt from the provisions of this ordinance. This exemption will apply up to one year from the effective date of this ordinance.

(c) Enforcement and Notice of Violations

- A. The City Manager or his/her designee shall have primary responsibility for enforcement of this ordinance. The City Manager or his/her designee is authorized to promulgate regulations and to take any and all other actions reasonable and necessary to enforce this ordinance, including, but not limited to, inspecting the premises of any Restaurant, Retail Food Vendor, Itinerant Food-Handling Establishment, or Non-Profit Food Provider to verify compliance.
- B. Anyone violating or failing to comply with any of the requirements of this ordinance, or of any regulation or administrative procedure authorized by it, shall be guilty of an infraction.

- C. The City Attorney may seek legal, injunctive, or other equitable relief to enforce this ordinance and any regulation or administrative procedure authorized by it.
- D. The remedies and penalties provided in this section are cumulative and not exclusive of one another.

(d) Penalties and Fines for Violations

The City Manager or his/her designee, upon determining that a violation of this ordinance has occurred, shall enforce this ordinance by issuing to the violator as follows:

- A. For a first violation, a written warning notice that specifies the violation and the appropriate penalties in the event of future violations.
- B. For the first violation following the issuance of a warning notice, a fine not exceeding one hundred dollars (\$100.00).
- C. For the second and any other violation that occurs following the issuance of a warning notice, a fine not exceeding two hundred fifty dollars (\$250.00).
- D. Fines are cumulative and each day that a violation occurs shall constitute a separate violation.

SECTION II. EFFECTIVE DATE

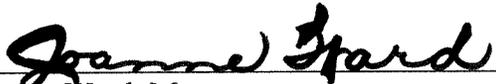
This ordinance shall take effect 30 days after passage, and shall, within fifteen (15) days after passage, be posted in accordance with Section 36933 of the Government Code of the State of California with the names of those City Council Members voting for and against it.

The foregoing ordinance was introduced at a regular meeting of the City Council of the City of Hercules held on the 22nd day of April, 2008, and adopted at a regular meeting of the City Council held on the 13th day of May 2008, by the following vote of the Council:

AYES: Balico, Raines, Valstad, Ward

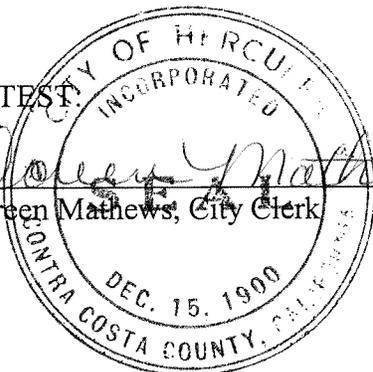
NOES: None

ABSENT: McDonald


Joanne Ward, Mayor

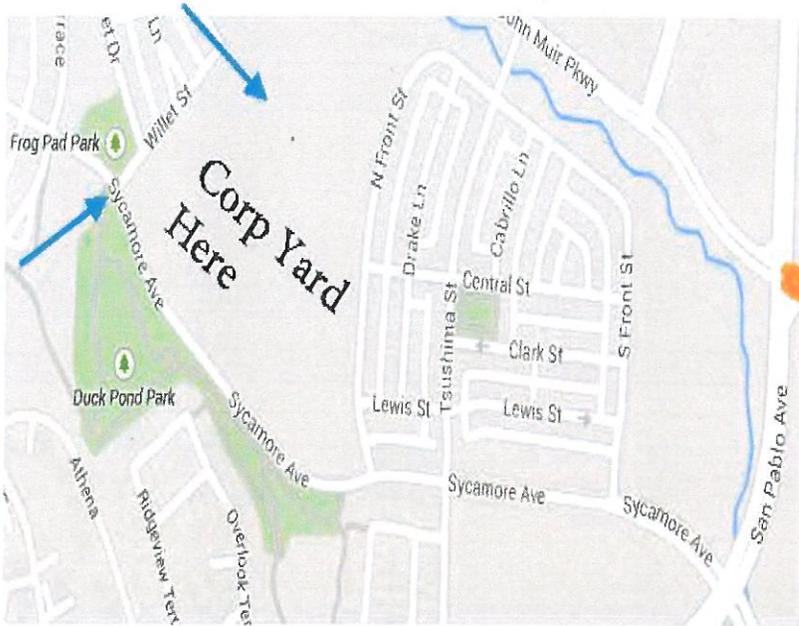
ATTEST


Doreen Mathews, City Clerk



City of Hercules

CLEAN-UP DAY & EWASTE EVENT



Sat. 5/2/15 8a-11a
Hercules Residents Only
Must Show ID
Location: Corp Yard
(1000 Sycamore Avenue)

This event brings residents, businesses and volunteers together for a common goal, to beautify the community! Spruce up your yards, sidewalks and streets! Dumpsters will be placed at the Hercules Corp Yard where you can drop off your trash. Only outdoor trash, yard clippings, and tree limbs will be taken as well as small appliances and furniture. Anyone interested in volunteering call 799-8291.

**Suggested Donations to help offset the cost of this event! Cars/ Trucks \$ 5.00 Trucks w/ trailer \$10.00
 U-Haul less than 14' \$20.00 NO *LARGE MOVING/U-Haul TRUCKS *LARGE TRAILERS OF ANY KIND NO MOVING
 TRUCKS * CAMPERS * TRAILERS OF ANY KIND**

Universal Waste Management

ELECTRONIC WASTE WILL ALSO BE ACCEPTED

HAZARDOUS WASTE THAT IS NOT ACCEPTED AT THE CLEAN-UP DAY DROP OFF SITE MAY BE DROPPED OFF AT WEST COUNTY HOUSEHOLD HAZARDOUS WASTE FACILITY 101 PITTSBURG AVENUE RICHMOND, CA. OPEN THURSDAYS, FRIDAYS, AND THE FIRST SATURDAY OF THE MONTH 9:00 AM - 4:00 PM, CALL 1-888-412-9277. FOR MORE INFORMATION OR TO SCHEDULE AN APPOINTMENT.

For more detailed information, call (510) 799-8291 or visit us online at www.ci.hercules.ca.us