CITY OF BRISBANE

50 Park Place
Brisbane, California 94005-1310
(415) 508-2100
Fax (415) 467-4989

September 12, 2011

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

RE: **ANNUAL STORMWATER REPORT – CITY OF BRISBANE**

Dear Mr. Wolfe:

Please find attached the City of Brisbane's annual stormwater report for the period of July 1, 2010 through June 30, 2011, as required by the Municipal Regional Permit. This report includes the following attachments:

- Letter from City Manager authorizing stormwater representatives
- Current IPM Policy, Agenda Report and revised IPM policy scheduled for adoption 11/19/11 by the City Council.
- Contractors IPM Certification for section C.9.b
- Trash Hot Spot Cleanup Data Collection Form

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

Sincerely,

Randy L. Breault. P.E.
Director of Public Works/City Engineer

Providing Quality Services

CITY OF BRISBANE

50 Park Place
Brisbane, California 94005-1310
(415) 508-2100
Fax (415) 467-4989

September 7, 2011

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

Subject: Notification of Duly Authorized Representative for City of Brisbane

Dear Mr. Wolfe:

This is to document the person or position and alternate(s) that I am authorizing to represent the city for signing and certifying municipal regional stormwater NPDES-permit required reports for submittal to the San Francisco Bay Regional Water Quality Control Board (Regional Water Board) and signing and certifying responses to other information requests from the Regional Water Board.

The following person or position (any person who occupies this named position) is duly authorized by me to sign and certify stormwater required reports for submittal to the Regional Water Board or authorize the City/County Association of Governments (C/CAG) of San Mateo County to sign and certify countywide/regional reports and studies prepared on behalf of the city.

Primary: Public Works Director/City Engineer – Randy Breault

Alternate: Senior Civil Engineer – Karen Kinser

Alternate: Associate Civil Engineer – Jerry Flanagan

As describe above, the person or position and alternate(s) listed above are also authorized to direct C/CAG's Executive Director or San Mateo Countywide Water Pollution Prevention Program's Stormwater Coordinator to sign and certify reports prepared by the San Mateo Countywide Water Pollution Prevention Program (Countywide Program) or Bay Area Stormwater Management Agencies Association (BASMAA) on behalf of the city. This authorization for the submittal of countywide and BASMAA reports will typically occur by an affirmative vote of my duly authorized representative or alternate at the Countywide Program's Stormwater Technical Advisory Committee meetings, but the authorization may also be obtained through email, telephone, face to face contact, or other method of communication.

This notification will remain in effect until it is changed by me or my successor.

Sincerely,

Clayton Holstine
City Manager

Providing Quality Services

ATTACHMENT B

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Section 1 – Permittee Information

Background Information							
Permittee Name:	City of Brisbane						
Population:	4,282						
NPDES Permit No.:	CAS612008						
Order Number:	R2-2009-0074						
Reporting Time Period (month/year):	July 1 2010 through June 30 2011						
Name of the Responsible Authority:	Randy L. Breault				**Title:**	Public Works Director/City Engineer	
Mailing Address:	50 Park Place						
City:	Brisbane	**Zip Code:**	94005	**County:**	San Mateo		
Telephone Number:	415.508.2130	**Fax Number:**	415.467.5547				
E-mail Address:	rbreault@ci.brisbane.ca.us						
Name of the Designated Stormwater Management Program Contact (if different from above):	Shelley Romriell	**Title:**	Office Specialist				
Department:	Public Works						
Mailing Address:	50 Park Place						
City:	Brisbane	**Zip Code:**	94005	**County:**	San Mateo		
Telephone Number:	415.508.2130	**Fax Number:**	415.467.5547				
E-mail Address:	sromriell@ci.brisbane.ca.us						

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City confirmed with Regional Board staff that it does not own or operate any stormwater pump stations. The City developed and implemented a site-specific Stormwater Pollution Prevention Plan for its one corporation yard. City staff continues to participate in the Countywide Program's Municipal Maintenance subcommittee on an ongoing basis.

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

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

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

Comments: **The City primarily engages contractors for road and parking lot maintenance, repaving, or repairs. Stormwater pollution prevention requirements are included in contract specifications for projects put out to bid. For small projects that are not put out to bid, direction is provided to the contractor in the field. Oversight and enforcement is performed by the Public Works Inspector during regular field activities. Periodically, the inspector may find BMPs requiring improvement or cases where BMPs are not properly implemented. These issues are addressed in the field by the inspector consistent with the City's Enforcement Response Plan.**

C.2.b. ▶Sidewalk/Plaza Maintenance and Pavement Washing

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

X	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
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: **City periodically uses BASMAA-certified mobile cleaner to perform sidewalk washing. City Staff does not conduct pavement washing.**

C.2.c. ▶Bridge and Structure Maintenance and Graffiti Removal

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

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

Comments:

City has two bridges over water ways or that would discharge to storm drains, but has not performed any maintenance activities of these structures in the last year. Graffiti is typically removed by painting over affected areas, thereby eliminating debris or cleaning compound waste discharge. Graffiti removal is conducted under contract by San Mateo County Public Works Staff; as this agency is a co-permittee of the MRP, they are required to comply with these provisions. The City also operates a marina at which maintenance activities are performed in a manner to prevent discharge of pollutants into the bay. The Marina recently received certification as a "California Clean Marina" under the Clean Marinas California Program. The City's policy is to hire BASMAA certified surface cleaners when needed.

C.2.d. ▶Stormwater Pump Stations

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

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations):

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

[1] Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

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)

C.2.e. ▶Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[2] roads:		Yes	X	No

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

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

	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
	No impact to creek functions including migratory fish passage during construction of roads and culverts
	Inspection of rural roads for structural integrity and prevention of impact on water quality
	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
	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:

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

C.2.f. ►Corporation Yard BMP Implementation

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

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

X	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
X	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 developed a SWPPP for its single corporation yard in accordance with the permit requirements. The city has a covered wash rack that is plumbed to the sanitary sewer. Vehicle maintenance is performed indoors or under cover. Raw materials are stored under cover or bermed to contain pollutants.

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**
Brisbane Corporation Yard (City Staff Inspection)	10/21/10	No Significant issues noted.	Most of Corporation Yard and Maintenance Staff are trained to use BMPs listed in the Corporation Yard's Site Specific Stormwater Pollution Prevention Plan. Follow up training scheduled for 10/29/10. Training was conducted on 10/29/10 and all Corporation Yard and Maintenance Staff are now

			trained.
Brisbane Corporation Yard (County Health Inspection)	4/28/11	Maintain wattles around soil. No batteries in rain. Police yard for blow around trash.	Corporation Yard and Maintenance Staff continue to maintain wattles, clean Corporation Yard on a regular basis to keep clear of trash, and batteries are either being disposed of properly or stored inside.

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

C.3.a. ▶New Development and Redevelopment Performance Standard Implementation Summary Report

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

(1) The City's municipal code provides adequate legal authority to implement the requirements in provision C.3.

(2) The City of Brisbane applies enforceable conditions of approval based upon the recommendations of the City Engineer pertaining to compliance of C3 provisions. The City utilizes the SMCWPPP-prepared C.3 and C.6 compliance checklist in design review, environmental review, and building permit applications for project proponents to complete. The City's source control conditions of approval, based on the SMCWPPP-prepared model source control list, are included as enforceable conditions of approval as applicable to the particular project specifics. The City has included an Impervious Surface Form as part of its design review applications for many years, but is now transitioning to the all-encompassing C.3/C.6 checklist developed by SMCWPPP.

(3) Environmental Initial Studies and Environmental Impact Reports prepared for projects pursuant to CEQA include an analysis of stormwater flows and compliance with NPDES and applicable C.3 provisions, Such analysis may result in the requirement for source control and other enforceable mitigation measures. The City's Source Control conditions of approval are included in the environmental review checklist, along with the SMCWPPP-generated C.3/C.6 checklist and the City's own site-design checklist.

(4) City staff attended the SMCWPPP-sponsored Treatment Measure O&M Briefing (1 staff attendee), and the SMCWPPP Stormwater Orientation training (4 staff attendees).

(5) Handouts for planning permit applications specify activities subject to C3 provisions and provide checklists, information and other filing requirements for applicants to demonstrate C3 compliance. The SMCWPPP-generated "Changes to C.3 Requirements" and "New Stormwater Treatment Requirements" brochures are included in design review and building permit application packets.

(6) Planning application handouts include information related to C3 provisions including referrals to other sources of information for site design measures. The above-referenced brochures are included in building permit application packets which are distributed to project applicants exempted from Provision C.3. The City's site design checklist is included in environmental review application packets.

(7) Resource information regarding source control measures is made available to all applicants and unregulated projects are encouraged to incorporate such measures. The City's source control conditions of approval are included in building permit packets which are distributed to projects not subject to Provision C.3.

(8) The current General Plan adequately integrates water quality and watershed protection with the issues of concern listed in C.3.a.8. Additional enhancements/revisions are underway as part of the current comprehensive General Plan update.

C.3.b. ►Green Streets Status Report

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

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

Summary:

Not applicable – no pilot green streets projects in this jurisdiction for this reporting period.

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

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

Not applicable – no regulated projects were approved in this jurisdiction for this reporting period.

C.3.c. Low Impact Development Reporting

Not applicable – as no regulated projects were permitted in this jurisdiction for this reporting period; however, City Staff did participate in the development of LID reports required/submitted by the countywide program.

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.

Not applicable – no regulated projects were approved in this jurisdiction for this reporting period, and no Stormwater Treatment Systems under C.3 have been installed in Brisbane to date.

(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:

Not applicable – no regulated projects were approved in this jurisdiction for this reporting period.

(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: **Not applicable – no regulated projects were approved in this jurisdiction for this reporting period. The City is prepared to implement an O&M verification program upon installation of C.3 required measures.**

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[3], Street Address	Name of Developer	Project Phase No.[4]	Project Type & Description[5]	Project Watershed[6]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)	Total Replaced Impervious Surface Area (ft^2)	Total Pre-Project Impervious Surface Area[7] (ft^2)	Total Post-Project Impervious Surface Area[8] (ft^2)
Private Projects											
0											
0											
0											
0											
0											
Public Projects											
0											
0											
0											
0											
0											

Comments:
Not applicable – no regulated projects were approved in this jurisdiction for this reporting period.

[3] Include cross streets
[4] If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".
[5] Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[6] State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).
[7] For redevelopment projects, state the pre-project impervious surface area.
[8] For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date[9]	Application Final Approval Date[9]	Source Control Measures[10]	Site Design Measures[11]	Treatment Systems Approved[12]	Operation & Maintenance Responsibility Mechanism[13]	Hydraulic Sizing Criteria[14]	Alternative Compliance Measures[15/16]	Alternative Certification[17]	HM Controls[18/19]
Private Projects										
0										
0										
0										
0										
0										
0										
0										

Comments:

Not applicable – no regulated projects were approved in this jurisdiction for this reporting period.

[9] For private projects, state project application deemed complete date and final discretionary approval date.
[10] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[11] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[12] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.)
[13] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[14] See Provision C.3.d I. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e , 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[15] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[16] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[17] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[18] If HM control is not required, state why not.
[19] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Is Funding Committed?[20]	Date Construction Scheduled to Begin[20]	Source Control Measures[21]	Site Design Measures[22]	Treatment Systems Approved[23]	Operation & Maintenance Responsibility Mechanism[24]	Hydraulic Sizing Criteria[25]	Alternative Compliance Measures[26/27]	Alternative Certification[28]	HM Controls[29/30]
Public Projects										
0										
0										
0										
0										
0										
0										

Comments:
Not applicable – no regulated projects were approved in this jurisdiction for this reporting period.

[20] For public projects, enter "Yes" or "No" under "Is Funding Committed?" and enter a date under "Date Construction Scheduled to Begin".
[21] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[22] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[23] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[24] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[25] See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[26] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[27] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[28] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[29] If HM control is not required, state why not.
[30] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

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

Not applicable – no regulated projects in this jurisdiction for this reporting period. The C.3 projects approved in the 2009-2010 reporting period have not yet advanced to construction phase.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)[31]	Party Responsible[32] For Maintenance	Date of Inspection	Type of Inspection[33]	Type of Treatment/HM Control(s) Inspected[34]	Inspection Findings or Results[35]	Enforcement Action Taken[36]	Comments
0									
0									
0									
0									
0									
0									

[31] Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.
[32] State the responsible operator for installed stormwater treatment systems and HM controls.
[33] State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).
[34] State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc. .) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system
[35] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[36] State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

Program Highlights

Provide background information, highlights, trends, etc.

The City has a contract with San Mateo County Environmental Health to perform business inspections for the City. County Health staff provided City staff with an updated list of total facilities, the results of FY10-11 inspection results, and a list of facilities to be inspected for FY 11-12. City staff continues to work with County Health staff to compare business license lists with County Health permitted facilities to ensure there aren't any gaps. City Staff participates regularly in the Countywide Program's Commercial/Industrial/Illicit Discharge Subcommittee. City staff and County Health staff need to continue to refine the inspection documentation process to ensure necessary reporting and tracking information are collected.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	X	Yes		No

If No, explain:

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.

Active Sites for Storm Water Inspections			100 Sites	
Report run 6/30/2011				
BRISBANE MARINA	400	SIERRA POINT	BRISBANE	FA0000265
SEVEN MILE HOUSE SPORTS BAR & GRILL	2800	BAYSHORE	BRISBANE	FA0000367
CLUB 23/ CAFE 23	23	VISITACION	BRISBANE	FA0000375
BRISBANE INN	50	VISITACION	BRISBANE	FA0000376
MIDTOWN MARKET	249	VISITACION	BRISBANE	FA0000382
BAMBOO GARDEN	301	VISITACION	BRISBANE	FA0000383
JULIES BRISBANE LIQUOR & DELI	45	VISITACION	BRISBANE	FA0000676
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL	BRISBANE	FA0000915
2000 SIERRA POINT PARKWAY LLC	2000	SIERRA POINT	BRISBANE	FA0001118
LUCKY HOUSE	148	VISITACION	BRISBANE	FA0002878
MANGIARE	182	OLD COUNTY	BRISBANE	FA0002947
MARTIN SUBSTATION #H	3150	GENEVA	BRISBANE	FA0004523
HITACHI-BAYSIDER CAFE	2000	SIERRA POINT	BRISBANE	FA0007981
FRATERNAL ORDER OF EAGLES	185	VISITACION	BRISBANE	FA0010408
VAN ARSDALE HARRIS LUMBER CO	595	TUNNEL	BRISBANE	FA0010427

ALLIED ROPES COMPANY		171	INDUSTRIAL	BRISBANE	FA0010464
MACHINERY & EQUIPMENT CO		3401	BAYSHORE	BRISBANE	FA0010540
BRISBANE FIRE DEPT		3445	BAYSHORE	BRISBANE	FA0012553
MELISSAS TAQUERIA		160	VISITACION	BRISBANE	FA0013160
FONG BROS PRINTING INC		320	VALLEY	BRISBANE	FA0013775
BRISBANE RECYCLING CO INC		5	BEATTY	BRISBANE	FA0013896
STAR BOX FOOD		33	VISITACION	BRISBANE	FA0014386
CARROLL'S MEAT-FISH-POULTRY DELI		249	VISITACION	BRISBANE	FA0015361
BAYPORTER EXPRESS INC		27	INDUSTRIAL	BRISBANE	FA0015599
DOLBY LABORATORIES		175	HILL	BRISBANE	FA0015867
V & A AUTO REPAIR STATION		2800	BAYSHORE	BRISBANE	FA0017202
RECOLOGY SUNSET SCAVENGER			TUNNEL & BEATTY	BRISBANE	FA0017924
FRITO LAY INC		151	HILL	BRISBANE	FA0017929
VWR INTERNATIONAL, INC.		3745	BAYSHORE	BRISBANE	FA0017934
LAZZARI FUEL COMPANY		11	INDUSTRIAL	BRISBANE	FA0017936
SFPP, LP		950	TUNNEL	BRISBANE	FA0017938
L & D TRUCK REPAIR		374	INDUSTRIAL	BRISBANE	FA0017943
SUBWAY SANDWICHES		150	OLD COUNTY	BRISBANE	FA0022161
BRISBANE SCHOOL DIST		500	SAN BRUNO	BRISBANE	FA0022395
MAMA-MIA PIZZA		35	VISITACION	BRISBANE	FA0022728
BAYSHORE SANITARY DISTRICT		36	INDUSTRIAL	BRISBANE	FA0022846
TERIYAKI HOUSE		114	OLD COUNTY	BRISBANE	FA0023115
LE GOURMET		150	HILL	BRISBANE	FA0023679
STATUE FACTORY		10	INDUSTRIAL	BRISBANE	FA0023859
AXEL ISACKSON FLOOR CO		100	HILL	BRISBANE	FA0024035
KIKA'S TAQUERIA		142	OLD COUNTY	BRISBANE	FA0024669
BRISBANE COMMUNITY CENTER		250	VISITACION	BRISBANE	FA0025078
P & F DISTRIBUTORS		511	TUNNEL	BRISBANE	FA0025272
F W SPENCER MECHANICAL CONTRACTORS		99	HILL	BRISBANE	FA0025547
SIERRA POINT LUMBER		601	TUNNEL	BRISBANE	FA0025577
RECOLOGY SAN FRANCISCO		501	TUNNEL	BRISBANE	FA0025630
ACME SCENERY CO		100	INDUSTRIAL	BRISBANE	FA0025632
RADISSON		5000	SIERRA POINT	BRISBANE	FA0026101
UNIPART LOGISTICS		422	VALLEY	BRISBANE	FA0026104
BRISBANE COMMUNITY POOL		2	SOLANO	BRISBANE	FA0026106
DHL FORWARDING		485	VALLEY	BRISBANE	FA0026130
BRISBANE CORPORATION YARD		1020	TUNNEL	BRISBANE	FA0026628
MADHOUSE COFFEE	400	VISITACION	BRISBANE	FA0026661	
BRISBANE SEWER LIFT STATION	1	BANKERS	BRISBANE	FA0026772	
BIRITE FOODSERVICE	123	HILL	BRISBANE	FA0026854	
SUPERTECH AUTOBODY	370	INDUSTRIAL	BRISBANE	FA0027337	
INTERMUNE, INC	3260-80	BAYSHORE	BRISBANE	FA0027461	
LINCOLN BROADCASTING / KTSF	100	VALLEY	BRISBANE	FA0027506	

DAVEY TREE EXPERT CO	131	INDUSTRIAL	BRISBANE	FA0027572
FAMCO INDUSTRIES	100	HILL	BRISBANE	FA0027730
TRILLIUM GRAPHICS	91	PARK	BRISBANE	FA0027917
A R GROTH CO., INC	200	VALLEY	BRISBANE	FA0027938
AIRCRAFT TECHNICAL PUBLISHERS	101-111	HILL	BRISBANE	FA0027964
KNTV TELEVISION INC	900	RADIO	BRISBANE	FA0027999
AMERICAN TOWER Site #8249-8250	600-700	RADIO	BRISBANE	FA0028000
AMERICAN TOWER Site #8247	500	RADIO	BRISBANE	FA0028002
AMERICAN TOWER Site #8245-8246	375	RADIO	BRISBANE	FA0028003
AMERICAN TOWER Site#8242-8243	300	RADIO	BRISBANE	FA0028004
AMERICAN TOWER Site#8244	350	RADIO	BRISBANE	FA0028005
PIT STOP AUTOMOTIVE	130	INDUSTRIAL	BRISBANE	FA0028092
SUNSET GARAGE, INC	150	INDUSTRIAL	BRISBANE	FA0028094
BEE CAFE	8000	MARINA	BRISBANE	FA0028150
CUTERA	3240	BAYSHORE	BRISBANE	FA0028310
CAL RITE SERVICES	3785	BAYSHORE	BRISBANE	FA0028395
PROVEN MANAGEMENT INC	3708	BAYSHORE	BRISBANE	FA0028396
SAN MATEO COUNTY RADIO SERVICES		RADIO	BRISBANE	FA0028476
BEBE RETAIL STORES, INC	400	VALLEY	BRISBANE	FA0028824
EXPEDITORS INTERNATIONAL	425	VALLEY	BRISBANE	FA0029424
LIPMAN MIDDLE SCHOOL	1	SOLANO	BRISBANE	FA0033374
FRITO LAY INC	499	VALLEY	BRISBANE	FA0034807
XDX	3260	BAYSHORE	BRISBANE	FA0034825
PITNEY BOWES / PSI	125	VALLEY	BRISBANE	FA0036446
BRISBANE CA PSCS SWITCH	1	HILL	BRISBANE	FA0036565
PITNEY BOWES PBMS	280	VALLEY	BRISBANE	FA0036717
COSMO LINER	400	INDUSTRIAL	BRISBANE	FA0036750
J & B DELIVERY SERVICE	250	INDUSTRIAL	BRISBANE	FA0036913
EVANS BROTHERS	1	OLD QUARRY	BRISBANE	FA0037609
PLASTIC PRINTING PROFESSIONALS	151	PARK	BRISBANE	FA0037633
W2 SYSTEMS	290	INDUSTRIAL	BRISBANE	FA0039559
MANGIARE	1000	MARINA	BRISBANE	FA0045255
KJ WOODS CONSTRUCTION	88	HILL	BRISBANE	FA0045551
AMERICAN HEALTH PRODUCTS OF CA	100	HILL	BRISBANE	FA0045627
GENERATORS UNLIMITED	285	INDUSTRIAL	BRISBANE	FA0045994
RADISSON HOTEL SFIA	5000	SIERRA POINT	BRISBANE	FA0047198
SAIGON BBQ	140	OLD COUNTY	BRISBANE	FA0047394
8000 MARINA BLVD	8000	MARINA	BRISBANE	FA0047478
RUSSELL SIGLER INC	99	HILL	BRISBANE	FA0047779
CHRISTY'S DONUTS	138	OLD COUNTY	BRISBANE	FA0047831
GENERAL BIOSCIENCE	100	HILL	BRISBANE	FA0047913
BRISBANE POLICE DEPARTMENT	50	PARK	BRISBANE	FA0048440

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.

Brisbane Proposed Stormwater Inspection List 7/01/2011 to 6/30/2012

FACILITY	ADDRESS		CITY	Record ID	Code	Staff
BRISBANE SEWER LIFT STATION	1	BANKERS	BRISBANE	PR0048604	1	BEVERLY
CAL RITE SERVICES	3785	BAYSHORE	BRISBANE	PR0048641	1	BEVERLY
INTERMUNE, INC	3260-80	BAYSHORE	BRISBANE	PR0048613	1	BEVERLY
MACHINERY & EQUIPMENT CO	3401	BAYSHORE	BRISBANE	PR0048571	1	BEVERLY
PROVEN MANAGEMENT INC	3708	BAYSHORE	BRISBANE	PR0048642	1	BEVERLY
VWR INTERNATIONAL, INC.	3745	BAYSHORE	BRISBANE	PR0048582	1	BEVERLY
XDX	3260	BAYSHORE	BRISBANE	PR0052878	1	BEVERLY
BRISBANE RECYCLING CO INC	5	BEATTY	BRISBANE	PR0048575	1	BEVERLY
AMERICAN HEALTH PRODUCTS OF CA	100	HILL	BRISBANE	PR0060256	1	BEVERLY
BIRITE FOODSERVICE	123	HILL	BRISBANE	PR0048605	1	BEVERLY
BRISBANE CA PSCS SWITCH	1	HILL	BRISBANE	PR0053569	1	BEVERLY
F W SPENCER MECHANICAL CONTRACTORS	99	HILL	BRISBANE	PR0048593	1	BEVERLY
FRITO LAY INC	151	HILL	BRISBANE	PR0048581	1	BEVERLY
KJ WOODS CONSTRUCTION	88	HILL	BRISBANE	PR0059826	1	BEVERLY
LE GOURMET	150	HILL	BRISBANE	PR0048669	1	CRISTINA L
ACME SCENERY CO	100	INDUSTRIAL	BRISBANE	PR0048596	1	BEVERLY
ALLIED ROPES COMPANY	171	INDUSTRIAL	BRISBANE	PR0048569	1	BEVERLY
BAYPORTER EXPRESS INC	27	INDUSTRIAL	BRISBANE	PR0048576	1	BEVERLY
BAYSHORE SANITARY DISTRICT	36	INDUSTRIAL	BRISBANE	PR0048587	1	BEVERLY
COSMO LINER	400	INDUSTRIAL	BRISBANE	PR0053720	1	BEVERLY
DAVEY TREE EXPERT CO	131	INDUSTRIAL	BRISBANE	PR0048617	1	BEVERLY
GENERATORS UNLIMITED	285	INDUSTRIAL	BRISBANE	PR0061676	1	BEVERLY
J & B DELIVERY SERVICE	250	INDUSTRIAL	BRISBANE	PR0053767	1	BEVERLY
L & D TRUCK REPAIR	374	INDUSTRIAL	BRISBANE	PR0048585	1	BEVERLY
LAZZARI FUEL COMPANY	11	INDUSTRIAL	BRISBANE	PR0048583	1	BEVERLY
STATUE FACTORY	10	INDUSTRIAL	BRISBANE	PR0048588	1	BEVERLY
SUPERTECH AUTOBODY	370	INDUSTRIAL	BRISBANE	PR0048611	1	BEVERLY
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL	BRISBANE	PR0048562	1	BEVERLY
W2 SYSTEMS	290	INDUSTRIAL	BRISBANE	PR0055578	1	BEVERLY
BEE CAFE	8000	MARINA	BRISBANE	PR0048675	1	CRISTINA L

KIKA'S TAQUERIA	142	OLD COUNTY	BRISBANE	PR0048671	1	CRISTINA L
SUBWAY SANDWICHES	150	OLD COUNTY	BRISBANE	PR0048665	1	CRISTINA L
TERIYAKI HOUSE	114	OLD COUNTY	BRISBANE	PR0048668	1	CRISTINA L
EVANS BROTHERS	1	OLD QUARRY	BRISBANE	PR0054360	1	BEVERLY
PLASTIC PRINTING PROFESSIONALS	151	PARK	BRISBANE	PR0054406	1	BEVERLY
SAN MATEO COUNTY RADIO SERVICES	RADIO		BRISBANE	PR0048644	1	BEVERLY
BRISBANE SCHOOL DIST	500	SAN BRUNO	BRISBANE	PR0048666	1	CRISTINA L
2000 SIERRA POINT PARKWAY LLC	2000	SIERRA POINT	BRISBANE	PR0048563	1	BEVERLY
BRISBANE MARINA	400	SIERRA POINT	BRISBANE	PR0048561	1	BEVERLY
HITACHI-BAYSIDER CAFE	2000	SIERRA POINT	BRISBANE	PR0048660	1	CRISTINA L
BRISBANE COMMUNITY POOL	2	SOLANO	BRISBANE	PR0048600	1	BEVERLY
BRISBANE CORPORATION YARD	1020	TUNNEL	BRISBANE	PR0048603	1	BEVERLY
P & F DISTRIBUTORS	511	TUNNEL	BRISBANE	PR0048590	1	BEVERLY
RECOLOGY SAN FRANCISCO	501	TUNNEL	BRISBANE	PR0048595	1	BEVERLY
SFPP, LP	950	TUNNEL	BRISBANE	PR0048584	1	BEVERLY
SIERRA POINT LUMBER	601	TUNNEL	BRISBANE	PR0048594	1	BEVERLY
VAN ARSDALE HARRIS LUMBER CO	595	TUNNEL	BRISBANE	PR0048568	1	BEVERLY
RECOLOGY SUNSET SCAVENGER	TUNNEL & BEAT		BRISBANE	PR0048579	1	BEVERLY
DHL FORWARDING	485	VALLEY	BRISBANE	PR0048602	1	BEVERLY
EXPEDITORS INTERNATIONAL	425	VALLEY	BRISBANE	PR0050067	1	BEVERLY
499	VALLEY		BRISBANE	PR0052816	1	BEVERLY
LINCOLN BROADCASTING / KTSF	100	VALLEY	BRISBANE	PR0048614	1	BEVERLY
PITNEY BOWES / PSI	125	VALLEY	BRISBANE	PR0053552	1	BEVERLY
PITNEY BOWES PBMS	280	VALLEY	BRISBANE	PR0053614	1	BEVERLY
UNIPART LOGISTICS	422	VALLEY	BRISBANE	PR0048599	1	BEVERLY
BAMBOO GARDEN	301	VISITACION	BRISBANE	PR0048651	1	CRISTINA L
CARROLL'S MEAT-FISH-POULTRY DELI	249	VISITACION	BRISBANE	PR0048664	1	CRISTINA L
FRATERNAL ORDER OF EAGLES	185	VISITACION	BRISBANE	PR0048661	1	CRISTINA L
JULIES BRISBANE LIQUOR & DELI	45	VISITACION	BRISBANE	PR0048653	1	CRISTINA L
LUCKY HOUSE	148	VISITACION	BRISBANE	PR0048657	1	CRISTINA L

MADHOUSE COFFEE	400	VISITACION	BRISBANE	PR0048674	1	CRISTINA L
MAMA-MIA PIZZA	35	VISITACION	BRISBANE	PR0048667	1	CRISTINA L
MELISSAS TAQUERIA	160	VISITACION	BRISBANE	PR0048662	1	CRISTINA L
MIDTOWN MARKET	249	VISITACION	BRISBANE	PR0048650	1	CRISTINA L
STAR BOX FOOD	33	VISITACION	BRISBANE	PR0048663	1	CRISTINA L

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.

X	Permittee reports multiple discrete violations on a site as one violation.
	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	70	
Total number of inspections conducted	78	
Number of violations (excluding verbal warnings)	3	
Sites inspected in violation	3	23.33
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	3	100

Comments:

County Environmental Health does not include verbal warnings as a violation. Verbal warnings are used as a reminder to the facility on ways to improve their BMPs and as a reminder to the inspector that a BMP was discussed at the last inspection and improvements in this area needs to be noted at the next scheduled inspection.

Unless otherwise noted on the Stormwater Inspection Report, multiple violations at a specific site will only be counted as one violation. Facilities with multiple violations will not be deemed resolved unless all violations have been corrected.

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)	1
Potential discharge and other	2

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

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

	Enforcement Action (as listed in ERP)[37]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[38]
Level 1	Verbal Notice	8	53
Level 2	Warning Notice	7	47
Level 3	Combination of Formal and Informal Notices	0	0
Level 4	Legal Notice	0	0
Total		15	100

NOTE: The reason the number of Enforcement actions is greater than the number of Violations is as follows; SMC health Inspectors determine potential discharge violations based on a metric agreed to by the City, SMCWPPP, and the County. In several inspections, even though the metric did not result in discharge violations, the Inspector chose to issue an Enforcement Action to ensure correction and follow up.

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[39]	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Printing, OSHA Division D; Group 27	0	1
Restaurant, OSHA Division G; Group 58	1	1

[37] Agencies to list specific enforcement actions as defined in their ERPs.
[38] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[39] List your Program's standard business categories.

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:

County Health Inspectors identified the following business as a potential non-filer: 1 Old Quarry Road; Evans Brothers 7589 National Drive Livermore, Ca 925.443.0225

C.4.d.iii ▶Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
County Health inspectors do the vast majority of business inspections in Brisbane and have received training. City Staff had one person previously trained but with turnover, additional staff will receive training in future reporting years.	See San Mateo County co-permittee annual report for training details.			

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

Program Highlights

Provide background information, highlights, trends, etc.

City's storm drain master plan is available to the public at the Public Works counter. Watershed maps are linked on the Countywide program website (www.flowstobay.org). Developed an illicit discharge screening program which will allow both periodic screening and rapid response to any detected discharges in the channel feeding the Brisbane Lagoon. Participated in the Countywide Program's CII subcommittee. See Countywide program's Annual Report C.5 Illicit Discharge Detection and Elimination section for a description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
Public Works Director/City Engineer (Randy Breault) **Brisbane Police Department**	**Spills during work hours can be reported to the Public Works Department, or in off-hours, to the Brisbane Police Department.**	**415.508.2130 (PW)** **415.467.1212 (PD)**

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: **If the City receives a business license application for a mobile cleaning business, staff talks with the applicant about stormwater pollution prevention requirements and inspects operations in the field to verify compliance. Staff will also respond to any public complaints regarding any illicit discharges. The City periodically hires a BASMAA-certified surface cleaner for sidewalk/plaza cleaning. See Countywide Program's Annual Report C.5 Illicit Discharge Detection and Elimination Section for a description of efforts by countywide committees/work group 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: **The City developed a Screening Program in FY 10-11 to trace discharges to the Guadalupe Channel. On 6/20/11 the annual screening was completed; 3 Sed Basins, 3 V-ditches, and 16 catch basins were screened and no problems were detected.**

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))	2	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	2	100
Discharges resolved in a timely manner (C.5.f.iii.(3))	2	100

Comments:

On two separate occasions, Illicit discharge was reported to City Staff. One was reported as a Garbage Truck leaving an oil film on the street. Due to heavy rain, when Staff arrived there was no evidence of oil in the street or gutter. Follow up was made to South San Francisco Scavengers. The second was a report of lightweight oil on grate of catch basin. City staff investigated and could not find oil at the bottom of the catch basin. Oil was cleaned off the grate.

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

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

Both Illicit Discharges appear to be a motor oil type substance.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ►Site/Inspection Totals

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (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 (C.6.e.iii.1.c)
#	#	#
0	**3**	**26**
Comments: **The City has 3 sites that we do routine inspections on. 2 of the 3 sites are under States General Construction Permit but are inactive. 1 site is a Soil Processing Facility under States Industrial General Permit but the City deems it as high priority due to the size of the site.**		

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[40]	% of Total Violations[41]
Erosion Control	0	
Run-on and Run-off Control	0	
Sediment Control	0	
Active Treatment Systems	0	
Good Site Management	0	
Non Stormwater Management	0	
Total	**0**	**100%**

[40] Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.
[41] Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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

	Enforcement Action (as listed in ERP)[42]	Number Enforcement Actions Taken	% Enforcement Actions Taken[43]
Level 1	Sed Basin required maintenance; verbal warning given. Issue was resolved the following day.	1	100
Level 2		0	
Level 3		0	
Level 4		0	
Total		1	**100%**

C.6.e.iii.1.f, g ▶Illicit Discharges

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

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	NA	%[44]
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	NA	%[45]
Total number of violations for the reporting year[46]	0	100%
Comments: **1 verbal warming was issued however the City does not count verbal warnings as violations.**		

[42] Agencies should list the specific enforcement actions as defined in their ERPs.
[43] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[44] Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.
[45] Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.
[46] Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

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

Description: **Due to the economy, not a lot of active sites in the City. 2 of the 3 inspected sites were inactive for the entire year and staff verified stabilization efforts remained effective on a monthly basis. Inspection Tracking and Evaluation for FY 10-11 seemed to work well.**

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:

The City's inspection program is effective. City staff is performing regular inspections and sites are in compliance. We are a small City that has a small number of sites. Due to staff turnover, City is working on coming up with modified procedures to accommodate new staff and staffing levels.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors In Attendance	Percent of Inspectors In Attendance
Qualified SWPPP Practitioner/Qualified SWPPP Developer Training	April 26-27,2011	Correct uses of specific BMPs, proper installation and maintenance of BMPs, permit requirements.	2	100
(Public Works Inspector and Building Inspector attended)				

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:

The following report developed by BASMAA is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report:

FY 10-11 Regional Outreach Strategic Plan – summarizes regional advertising efforts.

C.7.b.iii.1 ►Pre-Campaign Survey

(For the Annual Report following the precampaign survey) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information: **Not required for this Annual Report**

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

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

	Survey report attached
	Reference to regional submittal:

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 reports developed by SMCWPPP and BASMAA are included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report:**

- **FY 10-11 SMCWPPP Media Relations Report – summarizes countywide media relations efforts**
- **FY 10-11 BASMAA Regional Media Relations – summarizes regional media relations efforts.**

C.7.d ▶Stormwater Point of Contact

Summary of any changes made during FY 10-11:

City's new website www.brisbaneca.org provides residents a way to contact the City for service requests or concerns, and the Public Works portion of the website discusses stormwater issues. All service requests or concerns are directed to our Public Works Administrative Assistant at 415.508.2130. The City also prepares a weekly blog, which has included stormwater-specific topics on several occasions and provides links to the Countywide Program's Website. No other changes were made from FY 09-10. The Countywide Program's point of contact has not changed.

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: • 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
The following outreach events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report: • **FY 10-11 Coordination of California Coastal Cleanup Day in San Mateo County, September 25, 2010.** • **FY 10-11 Maker Faire at the County Expo Center, May 21-22, 2011.**		

• FY 10-11 County Fair, June 11-19, 2011		

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:

During FY 10-11, SMCWPPP maintained and updated the online guide, Environmental Resource Guide of Groups and Organizations in San Mateo County with Watershed Stewardship Efforts to encourage public involvement in watershed volunteer efforts. In addition, all of the organization's events throughout the year were posted on the Program's popular "Community Events" page to publicize and encourage participation by county residents in local stewardship efforts.

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: • 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
The following report developed by SMCWPPP		

on the countywide citizen involvement event is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report: **•FY 10-11 Coordination of California Coastal Cleanup Day in San Mateo County, September 25, 2010"** **•FY 10-11 Community Action Grant**		
Annual Habitat Restoration Day - April 30, 2011	**Removal of Invasive Plants in Firth Canyon**	**Approximately 42 people attended. Cleaned approx 300 yards of creek bed; removed and hauled away invasive plants.**

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) **The following separate reports developed by SMCWPPP is included within the C.7 Public Information and Outreach section of the Program's FY 10-11 Annual Report:** • **FY 10-11 Banana Slug String Band Elementary School Assembly Program**	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.

• FY 10-11 Rock Steady Science High School In Class Presentations			

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 10-11, we contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 10-11 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ►Adopt an Integrated Pest Management (IPM) Policy or Ordinance

Attach a copy of your individual IPM ordinance or policy. *(Water Board staff requested resubmittal for FY 10-11.)*	X	**Attached**		**Not attached**, explain below
If **Not attached**, explain:				
Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training: **The City's IPM policy was adopted in 2003. City Staff has updated the IPM policy and it is scheduled to be adopted by the City Council on 11/19/11. Current IPM policy, along with Agenda Report and revised IPM policy are attached.**				

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 Used[47]

Pesticide Category and Specific Pesticide Used	Amount[48]				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0			
Product or Pesticide Type A					
Product or Pesticide Type B					
Pyrethroids	0	0			
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0			
Fipronil	0	0			

[47] Includes all municipal structural and landscape pesticide usage by employees and contractors.
[48] Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

C.9.c ▶Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	4
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100

C.9.d ▶Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	X	**Yes**		**No**

If yes, attach one of the following:

	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
X	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
X	Equivalent documentation.

If **Not attached**, explain:

The City contracts with Pestec, which as a company is certified through both Green Shield and EcoWise, and the applicator, Luis Agurto Jr is an EcoWise certified IPM practitioner. The city also contracts with Marina Pest Control, which is not certified as a company, but the technician performing the applications for the City, Armando Silva, is an EcoWise certified practitioner. Attached to section C.9 are details from Green Shield and EcoWise websites as supporting documentation.

C.9.e ▶Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 10-11, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ►Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		Yes	X	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 Program's FY 10-11 Annual report for information on point of purchase public outreach conducted countywide and regionally.

The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts. These reports are included within the C.9 Pesticides Toxicity Control section of Program's FY 10-11 Annual Report.

- **FY 10-11 IPM Store Partnership Program (SMCWPPP)**
- **FY 10-11 "Our Water, Our World" Report (BASMAA)**

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 10-11 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.

The following separate reports developed by SMCWPPP summarize Pest Control Operator outreach efforts conducted during FY 10-11:

- **FY 10-11 Green Gardener Training Program Report. The City invited its two landscaping contractors, Loral and Industrial park Landscaping to the Countywide Program's IPM training in February 2010. Staff from Loral attended the training.**

Current City Policy
(ref. C.9a)

RESOLUTION NO. 2003-47

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRISBANE ADOPTING THE SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM MODEL INTEGRATED PEST MANAGEMENT POLICY

WHEREAS, the Environmental Protection Agency, under the 1987 amendments to the Federal Clean Water Act, imposed regulations mandating local governments control and reduce the amount of stormwater pollutant runoff into receiving waters;

WHEREAS, under the authority of California Porter-Cologne Water Quality Control Act, the State Water Resources Control Board delegated authority to the Regional Water Quality Control Boards to invoke permitting requirements upon counties and cities;

WHEREAS, in July 1991, the San Francisco Bay Regional Water Quality Control Board notified San Mateo County of the requirement to submit a National Pollutant Discharge Elimination System (NPDES) Permit Application by November 30, 1992;

WHEREAS, in furtherance of the NPDES Permit Process, San Mateo County, in conjunction with all incorporated cities in San Mateo County, prepared the San Mateo Countywide Stormwater Management Plan that has a General Program as a fundamental component;

WHEREAS, the San Mateo Countywide Stormwater Management Plan has been submitted to the San Francisco Bay Regional Water Quality Control Board and has been approved by the Board and made part of NPDES Permit CA 0029921, issued in 1998 and remaining in effect through 2003;

WHEREAS, the San Mateo Countywide Stormwater Management Plan and NPDES Permit CA 0029921 required San Mateo County submit a renewal application by March 31, 1998, including a Stormwater Management Plan for 1998 through 2003;

WHEREAS, the City of Brisbane has accepted, adopted, and committed to implement the San Mateo Countywide Stormwater Management Plan for 1998-2003 and the renewal application and Plan was submitted to the San Francisco Regional Water Quality Control Board on March 18, 1998;

WHEREAS, the San Francisco Bay Regional Water Quality Control Board, after Public Hearing, approved the Renewed NPDES Permit CAS0029921, effective July 21, 1999 and which expires July 20, 2004;

WHEREAS, the San Mateo Countywide Stormwater Management Plan includes a Pesticide Management Plan and performance standards for pesticide usage and integrated pest management. A component of these standards is adoption by all member agencies of

an Integrated Pest Management policy and/or ordinance requiring integrated pest management techniques in municipal operations;

WHEREAS, the City of Brisbane seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the City to the maximum extent practicable.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Brisbane that:

1. Employees implementing pest management operations will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives and, when necessary, employ the least toxic chemicals. Preference will be given to contractors who implement IPM. City of Brisbane departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The City of Brisbane will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.

2. The City of Brisbane shall encourage pilot projects to demonstrate landscape and structural pest control alternatives, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures. Pilot projects should include an objective analysis of the effectiveness of the alternative techniques applied.

3. The City of Brisbane will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.

4. The City of Brisbane will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a.) goals and techniques of IPM, and b.) pesticide related water quality issues.

5. Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms. They are used to avoid health hazards and include indoor cleaning, spa and swimming pools, medical sterilizer and sanitizer products.

6. Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, to beneficial and non-target organisms, and to the environment.

   IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, discing, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

7. City of Brisbane owned or managed property includes but is not limited to parks and open space, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.

Cyril G. Bologoff
Mayor

I hereby certify the foregoing Resolution 2003-47 was duly and regularly adopted at a regular meeting of the City Council held on October 20, 2003, by the following vote:

AYES: Councilmembers Barnes, Johnson, Panza, and Mayor Bologoff
NOES: None
ABSENT: None

Sheri Marie Schroeder
City Clerk

Staff Report and proposed revised IPM policy (ref. C.9.a)

City of Brisbane
Agenda Report

TO: Honorable Mayor and City Council

FROM: Director of Public Works/City Engineer via City Manager

SUBJECT: Updated Integrated Pest Management Policy

DATE: September 19, 2011

City Council Goals:

To develop plans and pursue opportunities to protect natural resources. (#8)

To promote intergovernmental opportunities that enhances services and/or reduces cost of operations and services to city residents. (#10)

Purpose:

The recommended item is consistent with the community's value of ensuring the highest level of water quality.

Recommendation:

Review and approve Resolution No. 2011-40 Adopting an Updated Integrated Pest Management Policy.

Background:

In 2003, the City approved Resolution No. 2003-47, adopting an integrated pest management (IPM) policy in accordance with the State's 1999 stormwater requirements to develop performance standards for municipal pest management. The 2003 policy was based on a template developed by the San Mateo Countywide Water Pollution Prevention Program (Countywide Program) and was adopted by most jurisdictions in the county.

The San Francisco Bay Regional Water Quality Control Board (Water Board) adopted a municipal regional stormwater permit (MRP) in October 2009, requiring the city and each of the other 75 public agencies covered by the MRP to implement pesticide control programs to minimize reliance on pesticides that pose a threat to water quality and require IPM in municipal operations and on municipal property (MRP Provision C.9).

The City was required to submit its existing IPM policy to the Water Board as part of its annual stormwater report in September 2010. Water Board staff indicated in a February 10, 2011 memorandum that the policy adopted by San Mateo jurisdictions did not meet the MRP's requirements because it was expressed as recommendations and not requirements. In addition, the existing 2003 version of the IPM policy lacked specificity about the hierarchical decision-making process and multi-step approach that should be used to control pests and, only where and when needed, address problems using the least toxic pesticides. In May 2011, Water Board staff expressed its intent to issue Notices of Violation to municipalities that did not adopt updated IPM policies.

In response to these reported deficiencies, the Countywide Program's Parks Maintenance and IPM Work Group developed an updated version of the model IPM policy, incorporating input from both the San Mateo County Agricultural Commissioner and Water Board staff.

Discussion:

The primary changes to the 2003 version of the IPM policy were to incorporate more specificity and clarify IPM is not a recommended activity, but a description of the city's commitment to minimize the use of pesticides that threaten water quality.

More specificity was incorporated into the updated IPM policy by incorporating ten steps that will be followed to control pests through a process that includes pest prevention, biological and habitat controls, and chemical controls when needed using reduced risk pesticides at the minimum amounts needed to be effective.

In addition, the MRP's requirements that are included in the updated version of the IPM policy include the following:

- Clarify that the pesticides of concern are those that threaten water quality. The MRP contains a list of these pesticides.
- Commit the city to establishing written standard operating procedures for pesticide use to ensure implementation of the IPM policy and to require employees and pest control contractors to comply with the standard operating procedures.
- Track the use of pesticides and summarize this information in the annual municipal stormwater report consistent with the MRP's requirements.
- Review purchasing procedures and service agreements with pest control contractors to determine what changes, if any, may be needed to support the implementation of the IPM policy.

In accordance with Item 2, above, the Countywide Program's Parks Maintenance and IPM Workgroup developed written standard operating procedures for pesticide use that can be customized for utilization by each agency. The City is already implementing those procedures. Also, at the suggestion of Water Board staff and similar to other IPM policies adopted in the Bay Area, the IPM policy states that each department that

performs pest management activities will identify an IPM coordinator who will be responsible for assisting staff to implement the city's IPM policy.

Fiscal Impact:

The costs associated with adopting and implementing the updated IPM policy are considered to be negligible because the city has an existing IPM policy. The updated policy mainly adds specificity to the existing IPM policy so that the city's hierarchical pest control decision-making process is clear and consistent with the MRP requirements. In addition, by adopting an updated policy meeting MRP requirements, the City will likely avoid future enforcement actions that could include financial penalties based on Water Board staff's determination that the 2003 version of the IPM policy was inadequate.

Measure of Success

An updated IPM Policy that satisfies the Water Board's interpretation of requirements found within the MRP.

Attachments:

Resolution No. 2011-40

Director of Public Works/City Engineer

City Manager

RESOLUTION NO. 2011-40

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BRISBANE ADOPTING AN UPDATED INTEGRATED PEST MANAGEMENT POLICY

WHEREAS, the Environmental Protection Agency, under the 1987 amendments to the Federal Clean Water Act, imposed regulations mandating local governments control and reduce the amount of stormwater pollutant runoff into receiving waters through compliance with municipal stormwater permits issued under the National Pollutant Discharge Elimination System (NPDES); and

WHEREAS, under the authority of California Porter-Cologne Water Quality Control Act, the State Water Resources Control Board delegated authority to the Regional Water Quality Control Boards to issue NPDES permitting requirements upon counties and cities; and

WHEREAS, in October 2009, the San Francisco Bay Regional Water Quality Control Board adopted a Municipal Regional Stormwater NPDES Permit No. CAS612008 (MRP) under the NPDES program; and

WHEREAS, the MRP includes specific requirements mandating municipalities adopt Integrated Pest Management policies to limit water quality impacts from municipal pest management activities; and

WHEREAS, the City of Brisbane seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the City to the maximum extent practicable.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Brisbane that the attached San Mateo Countywide Water Pollution Prevention Program Model Integrated Pest Management (IPM) Policy be adopted and implemented by all appropriate city departments and contractors.

This Resolution supersedes the City's IPM Policy outlined in Resolution No. 2003-47 adopted on October 20, 2003.

_____

Cyril G. Bologoff, Mayor

I hereby certify that the foregoing Resolution No. 2011-40 was duly and regularly adopted at a regular meeting of the Brisbane City Council on September 19, 2011 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Sheri Marie Spediacci, City Clerk

SAN MATEO COUNTYWIDE
Water Pollution
Prevention Program

Final Version

San Mateo Countywide Water Pollution Prevention Program
Model Integrated Pest Management (IPM) Policy

GOAL

The City of Brisbane seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control through the reduced use of pesticides on property including buildings owned or managed by the City/County by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the City of Brisbane minimize reliance on pesticides that threaten water quality.

REQUIRED USE OF INTEGRATED PEST MANAGEMENT

Employees implementing pest management controls will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives. Pesticides will only be used after careful consideration of non-chemical alternatives and then the least toxic chemicals that are effective shall be used. Pest control contractors hired by the City of Brisbane are required to implement IPM to control pests. This will be achieved by hiring only IPM-certified pest control contractors or by including contract specifications requiring contractors to implement IPM methods.

The City of Brisbane will establish written standard operating procedures for pesticide use to ensure implementation of this IPM policy and to require municipal employees and pest control contractors to comply with the standard operating procedures.

The City of Brisbane will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed consistent with the municipal regional stormwater permit's requirements.

The City of Brisbane will review its purchasing procedures, contracts or service agreements with pest control contractors and employee training practices to determine what changes, if any, need to be made to support the implementation of this IPM Policy.

The City of Brisbane will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues consistent with the municipal regional stormwater permit's requirements.

The IPM-based hierarchical decision making process that will be used to control pests will include the following:

1. Based on field observations evaluate locations and sites where pest problems commonly occur to determine pest population, size, occurrence, and natural enemy population, if

present. Identify conditions that contribute to the development of pest populations, and decisions and practices that could be employed to manage pest populations

2. Design, construct, and maintain landscapes and buildings to reduce and eliminate pest habitats;
3. Modify management practices including watering, mulching, waste management, and food storage to discourage the development of pest population;
4. Modify pest ecosystems to reduce food, water sources, and harborage;
5. Prioritize the use of physical controls such as mowing weeds, using traps, and installing barriers;
6. Use biological controls to introduce or enhance a pests' natural enemies;
7. When pest populations reach treatment thresholds (based on how much biological, aesthetic, economic or other damage is tolerable) non-pesticide management activities will be evaluated before considering the use of pesticides;
8. When pesticides are necessary, select reduced risk pesticides and use the minimum amounts needed to be effective;
9. Apply pesticides at the most effective treatment time, based on pest biology, monitoring, and other variables, such as weather, seasonal changes in wildlife use, and local conditions; and
10. Whenever possible, use pesticide application methods, such as containerized baits, that minimize opportunities for mobilization of the pesticide in stormwater runoff.

Departments performing pest management activities will identify an IPM coordinator who is responsible for assisting staff with implementation of this IPM policy.

BACKGROUND

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests.

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, beneficial and nontarget organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing, caulking entry points to buildings); cultural controls (e.g., mulching, alternative plant type selection, and enhanced cleaning and containment of food sources in buildings); and reduced risk chemical controls (e.g., soaps or oils).

City of Brisbane owned or managed property/facility includes but is not limited to parks and open space, golf courses, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.

About EcoWise
Who We Are
EcoWise Standards
Guiding Principles download as pdf (1 p.)
Steps to be Certified (21 pp. pdf)
Quick Summary of Steps download as pdf (2 pp.)
Application Forms
Sample Practice Exam (2 pp.)
Exam Study Guide (28 pp.)
IPM Service Forms
Materials Criteria/Examples (download pdf - 8 pp.)

Home

EcoWise Certified IPM Service Providers

Ecowise Certified Service Providers employ at least one certified practitioner on staff and have demonstrated through field audits and service record reviews that they are offering IPM services that meet EcoWise Certified standards.

EcoWise Certified Service Providers can manage ants, roaches, flies, spiders, rodents, stinging insects, bed bugs and many other pests

Note: EcoWise Certification does not cover termites or other wood destroying organisms.

NORTHERN CALIFORNIA

Applied Pest Management
2425 Sonoma Blvd.
Vallejo, CA 94590
(800) 244-1176
www.appliedpestmgt.com

Orkin Commercial Services Branch
San Francisco Bay Area
3095 Independence Drive, #C
Livermore, CA, 94551
(925)373-2555
www.orkin.com

Ashford Pest Control
181 Yachtsman Drive
Vallejo, CA 94591
(707) 643-6507
www.ashfordpestcontrol.com

Pestec
4221 Mission Street
San Francisco, CA 94112
(415) 587-6817
www.pestec.com

ATCO Pest Control
P.O. Box 2531
Novato, CA 94958
(415) 898-2282
atcopestcontrol.com

Western Exterminator
1611 Terminal Avenue
San Jose, CA 95712
(408) 436-6555
www.west-ext.com

SOUTHERN CALIFORNIA

Hearts Pest Management, Inc.
11315 Rancho Bernardo Rd. Ste. 149
San Diego, CA 92127
(858) 486-1006
www.heartspm.com

Team Too Termite & Pest Control
1804 Evergreen St.
Duarte, CA 91010
(800) 818-8326
www.teamtoo.com

Team Too Termite & Pest Control
1848 Capital Street
Corona, CA 92880
(800) 818-8326
www.teamtoo.com

Team Too Termite & Pest Control
9360 Activity Road
San Diego, CA 92126
(800) 818-8326
www.teamtoo.com

EcoWise Certified IPM Practitioners

Congratulations! Listed below are PCOs that have passed the EcoWise Certified exam demonstrating their IPM knowledge and training.

Carlos Agurto
Luis Agurto, Jr.
Pierre Alcutt
Jesse Andrade
Jay Arey
Eugene H. Bassett
Robert Bergman
Craig Bethune
Brent Bonner
Mark Bradley
Ryan Brawley
Ryan Brehm

Michael Brownell
Harold Burrow
Zachary Burrows
Ray Cabug III
Bruce Calhoun
Ingrid Carmean
Aaron Carpenter
Spence Clingan
Noel A. Columna
Bob Corrado
Anthony Cortez
Chris Cowen

Bill Cress
Loran Davis
Brock Dewey
Gavin Dillon
Greg D. Dunn
Josh Esposito
Richard Estrada
Josh Fleenor
Robin Fragosa
Jason Fritz
Benjamin Garcia
Christopher Garcia

Ron Hall
Dale Hamilton
Stevie Hansen
Raymond Harvey
Jodie E. Hembree
Floyd Henderson
Bryan Houtchens
Dale R. Ingold
Andrew W. Jackson
Gerald Jewell
Joseph M. Jurancich
Chris Kalsbeek

Robert Keaton, Jr.
Mike Kobus
Steve Kristick
Denis LeBreton
Thomas Lemon
Robert Livingston
Derek Lobo
Sam Makhani
Angelito Marquez
Bill Mashek
Richard Mayer
Donald McComb
Dave Meacham
Henry Mitchell
Fred Mobley III
Dan Mulhern
Syed Murtaza
Chris Musser
Angela O'Brien
Mike Olander
Charles A. Orlando
Pari Pachamuthu
Joel Pangilinan
Tony Papagna

Paul Parish
Sid Parrish
Jeremiah Patin
Sam Pavone
Chuck Payton
Antonio Perez, Jr.
Patrick Powers
Stephanie Rodriguez
David Roe
Brian Romani
Kamal (Ken) Sahney
George Santiago
Eric Schmitt
Debbie Scott
Robert B. Shaw
Joseph Shiloh
Armando Silva
Chris Smith
Larry Spannagel
Jim Tassano
Burt Tate
George Tomelloso
Sarah Trigueros
Raymond Troberg

Tim Turnbull
Anthony Ugalde
Sing Gine Wang
Michael A. Ware
Gerry Weitz
Eric Werner
Curtis Scott Williams
Keith Willingham
Phil Witten
Richard Zerbini
Randy Zopf

The businesses they represent are on their way to becoming EcoWise Certified Service Providers and will be listed above as their businesses complete their certification process.

CALIFORNIA

Green Shield Certified Service Providers who offer 100% Green Shield Certified services:

Pestec Integrated Pest Management

Serving the greater San Francisco area, including San Mateo, Marin, Santa Clara and Sacramento Counties.

P.O. Box 2393
Antioch, CA 94531
(925) 757-2945

1555 Yosemite Ave. #46
San Francisco, CA 94124
(415) 671-0300

Servicing: residential, commercial, schools, childcare facilities, hospitals, nursing homes, churches
For: general pest, birds, wildlife/vertebrates

Pest Control Professionals who offer a ***Green Shield Certified Service*, upon request:**

Colby Green (.pdf) offered by Colby Pest Control Service

In Los Angeles and Orange counties from Malibu to San Clemente, California.

Colby Pest Control Service
1025 Crestview Dr.
Fullerton, CA 92833
(714) 773-5889

Servicing: residential, commercial, schools, hospitals, nursing homes, restaurants
For: general pest, birds, wildlife/vertebrates

EnviroCare Green (.pdf) offered by Western Exterminator Company

Serving California from the Sacramento area to the Mexico border, the greater Phoenix and Tucson areas of Arizona and the greater Las Vegas and Reno areas of Nevada.

Western Exterminator Company
305 N Crescent Way
Anaheim, CA 92801
(714) 517-9000

Servicing: residential, commercial, schools, childcare facilities, hospitals, nursing homes, restaurants, hotel/motel
For: general pest, termites, carpenter ants, birds, wildlife and vertebrates, bed bugs

Pro Serve IPM Service offered by Team Too Termite & Pest Control

In California, including Orange County, Riverside County, San Bernardino County, San Diego County, Los Angeles County, Ventura County, Sacramento and surrounding counties and the San Francisco Bay Area. Service also available in Oregon, Washington, Nevada, Arizona and multiple other states.

Team Too Termite & Pest Control

Section 10 - Provision C.10 Trash Load Reduction

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. The City installed 14 trash capture pipe screens in catch basins on 8/10- 11/11. 12 of the 14 installed have automatic retractable screens at inlet.

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. Trash capture devices recently installed; tracking method will be reported on FY 2011-12 reporting period.

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. Although the City is exempt from Full Capture Devices, we installed 14 under the Bay-Area Wide Trash Capture Demonstration Project. The City is documenting these installations under C.10.D. The City installed 14 trash capture pipe screens in catch basins on 8/10- 11/11. 12 of the 14 installed have automatic retractable screens at inlet.

C.10.b.iii ▶Trash Hot Spot Assessment

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

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Brisbane Bayshore Creek; Main Street Sediment Basin	**October 7, 2010**	**0.16 cubic yards**	**Bottles, Plastic Bags, Styrofoam, Golf/Tennis Balls, and Convenience/Fast Food Items.**	**Trash accumulation from upstream sources, Shoreline accumulation from other sources, and storm drain fallout.**

SAN MATEO COUNTYWIDE
Water Pollution
Prevention Program
Clean Water. Healthy Community.

Trash Hot Spot Cleanup Data Collection Form

I. Site Information

Site ID# BRIS-001 Name of Creek or Shoreline: Bayshore Creek

Site Location: Brisbane Lat: 37.702003 Long: -122.411009 Watershed: Southern Visitacion Valley

Ownership: PG&E Jurisdiction(s): City of Brisbane Date of Cleanup: 10/7/10

II. Trash Information

1. Describe trash types. Identify and rank the five most dominant types of trash (1-5, 1 being the most prevalent in terms of volume). Trash types shown with asterisks are defined on page 2. The identification of the types of trash and their relative dominance or prevalence may be estimated prior to clean up by walking the length of the hot spot (up and back) and visually estimating the types of trash present.

2 Plastic bags	___ Cigarette butts	___ Miscellaneous items*
___ Other plastic products*	___ Spray paint cans	___ Fabric and cloth*
5 Convenience/Fast Food items*	___ Metal products*	___ Yardwaste
1 Bottles (plastic or glass)	___ Biohazards*	___ Leaf litter piles
___ Aluminum cans	___ Construction debris*	___ Glass pieces
3 Styrofoam (pieces or pellets)	___ Toxic substances* (one motor oil bottle)	4 Golf or tennis balls
___ Paper and cardboard*	___ Large items*	___ Other* (describe)_____

2. Potential trash pathways/sources (**Check all that apply**):

XX Trash accumulation from upstream sources	☐ Illegal dumping	☐ Other _____
XX Shoreline accumulation from other sources	☐ Homeless encampments _____	☐ Unknown _____
☐ Littering	XX Storm drain outfall_____	

3. Identify land uses adjacent to trash hot spot: XX Residential (Single-family) XX Residential (High-density) ☐ Commercial
XX Industrial (PG&E Substation) XX Public/Institutional (School) ☐ Mixed-use
☐ Other Developed

III. Trash Removal

Quantify Total Volume of Non-Compacted Trash Removed During Cleanup

Size of trash bag (in gallons): 32

Total # of bags: 1 Calculate Total Cubic Yards (approx. 202 gallons = 1 cubic yd) **0.16**

IV. Photo Documentation

C.10.d ▶ Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Dropoff Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Installed 14 trash capture pipe screens in catch basins.	**8/10/11**	**New implementation**	**Trash loads removed were not tracked for all trash load reduction actions this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule.**	**Types of Trash Captured will be reported on FY 11-12 report.**

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 allows residents to drop off compact fluorescent bulbs at City Hall. The City Hall location is advertised through the www.flowstobay.org website. The City also has brochures detailing the impacts of improper disposal of CFLs, which also lists Brisbane Hardware as a commercial location for residents to drop off light bulbs.

Refer to FY 10-11 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

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.

A draft technical memorandum describing initial load reduction quantification methods for PCBs and mercury was submitted to the Water Board in the BASMAA FY 2009-10 Regional POCs and Monitoring Annual Report supplement. Written comments from Water Board and Permittee staff were received on the technical memorandum. In FY 2011-12, BASMAA member agencies plan to revise methods presented in the draft memorandum in response to the comments. Once the methods are completed, they will be used to estimate loads removed via the collection/recycling of mercury-containing products. See the FY 2010-11 Countywide Program Annual Report and BASMAA Regional POCs and Monitoring Annual Report supplement for more information.

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

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

Summary

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ►Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description:

In FY 09-10, inspector training materials were developed by BASMAA and provided in the FY 09-10 BASMAA Regional POC Report. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 permittee and/or Program Annual Reports.

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 10-11 Program Annual Report for a description of training provided countywide and/or regionally. County Health inspects businesses and County Health inspectors have received PCB training.

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

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

Summary

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	X	**Yes**		**No**

If **No**, explain and provide schedule for obtaining authority within 1 year:

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

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	X	**Yes**		**No**

If **No**, explain and provide schedule for obtaining authority within 1 year:

C.13.c ►Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

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

Based upon inspection activites 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 conducts an annual crosscheck of its business permits against the list of potential and scheduled facilities prepared for section C.4. During this review, the City attempts to identify businesses that area likely to use copper and ensure they are on the scheduled facilities list. San Mateo County Environmental Health performs business inspections for the City; as a co-permittee of the MRP they are responsible for complying with education of their inspectors on facilities that might have/use copper and proper BMPs for same.

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

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

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

Is your agency a water purveyor?	X	Yes		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:

It was the City's understanding that the only planned discharges requiring sampling are those exceeding notification requirements in C.15.b.iii(1)(b). The City has since started to collect samples from planned discharges for FY 11-12 and are reported in C.15.b.iii.(1). The City collected samples from one unplanned discharge in FY 10-11 and is reported in C.15.b.iii.(2).

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

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- 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.

Summary:

The City is a member of the Bay Area Water Supply and Conservation Association (BAWSCA) and participates in and promotes various water conservation programs, including high efficiency toilet and washing machine rebates, water-efficient landscape education classes, Water Wise Gardening in the Bay Area Landscape Educational tool. The City continues to enforce its recently adopted indoor and outdoor water efficient landscape ordinances. The City also participates in the development of a pilot program for the Lawn Be Gone Rebate program. Additional measures the City of Brisbane takes to promote conservation include:

- **Tiered residential, commercial, and landscape water rates**
- **Aggressive water conservation practices for the public fields and facilities including the use of mulch, matched precipitation (MP) Rotators, and drip emitters.**

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[49] (NTU)	Implemented BMPs & Corrective Actions
End of Rock Wren	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	0934-0949	1500	1500	.05	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Warbler	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1005-1015	1000	1000	.02	6.8	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Golden Eagle	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1030-1040	1000	1000	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Cliff Swallow	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1055-1105	1000	1000	0.00	6.8	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Red Hawk	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1120-1130	1000	1000	0.00	6.7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Fox Sparrow	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1330-1340	1000	1000	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Kestrel	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1305-1315	1000	1000	0.00	6.7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
500 Alvarado	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	7/25/11	1235-1245	1000	1000	0.00	6.7	Clear	Dechlorination/Removed Debris or other Pollutants

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

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[49] (NTU)	Implemented BMPs & Corrective Actions
										before flushing. Turbidity Meter on Order
End of Huckleberry	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	8/1/11	0838-0848	1000	1000	0.00	6.8	Clear	
End of Lupine	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	8/1/11	0906-0916	1000	1000	0.00	6.5	Clear	
65 Golden Aster	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	8/1/11	0935-0945	1000	1000	0.00	6.7	Clear	
End of Lily Ct.	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	8/1/11	1000-1010	1000	1000	0.00	6.8	Clear	
Mariposa/San Bruno	Hydrant Flushing	Catch Basin/ Brisbane Lagoon	8/1/11	1025-1035	1000	1000	0.00	6.5	Clear	
End of Bayshore North	Hydrant Flushing	Storm Drain/ Brisbane Lagoon	8/8/11	1018-1053	3500	3500	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Guadalupe	Hydrant Flushing	Storm Drain/ Brisbane Lagoon	8/8/11	1105-1140	3500	3500	0.00	6.8	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Paul	Hydrant Flushing	Field	8/8/11	0915-0925	1000	1000	0.00	6.7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
Glen Park/ Humboldt	Hydrant Flushing	Field	8/8/11	0942-0958	300	300	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
	Hydrant Flushing	Sewer Drain	8/8/11	1258-1308	1000	1000	0.00	6.5	Clear	Dechlorination/Removed

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[49] (NTU)	Implemented BMPs & Corrective Actions
Harbor Master										Debris or other Pollutants before flushing. Turbidity Meter on Order
Harbor Master	Hydrant Flushing	Storm Drain	8/8/11	1346-1406	2000	2000	0.00	6.7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Rock Wren	Hydrant Flushing	Storm Drain	8/15/11	1314-1324	1200	1200	.02	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Warbler	Hydrant Flushing	Storm Drain	8/15/11	1347-1357	1200	1200	0.00	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Golden Eagle	Hydrant Flushing	Storm Drain	8/15/11	1410-1420	1300	1300	.01	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Cliff Swallow	Hydrant Flushing	Storm Drain	8/15/11	1440-1450	1000	1000	.01	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Red Hawk	Hydrant Flushing	Storm Drain	8/16/11	1045-1055	1000	1000	.01	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Fox Sparrow	Hydrant Flushing	Storm Drain	8/19/11	0832-0842	1000	1000	.00	6.8	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order

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[49] (NTU)	Implemented BMPs & Corrective Actions
End of Kestrel	Hydrant Flushing	Storm Drain	8/16/11	1108-1118	1300	1300	.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Huckleberry	Hydrant Flushing	Catch Basin	8/22/11	0850-0900	1000	1000	0.00	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Lupine	Hydrant Flushing	Catch Basin	8/22/11	0910-0920	1000	1000	0.00	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
65 Golden Aster	Hydrant Flushing	Catch Basin	8/22/11	0930-0940	1000	1000	0.00	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
End of Lily Ct	Hydrant Flushing	Catch Basin	8/22/11	0950-1000	1000	1000	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
Mariposa/San Bruno	Hydrant Flushing	Catch Basin	8/22/11	1010-1020	750	750	0.00	6.5	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order
Visitacion/Alvarado	Hydrant Flushing	Catch Basin	8/22/11	1035-1045	1000	1000	0.00	7	Clear	Dechlorination/Removed Debris or other Pollutants before flushing. Turbidity Meter on Order

C.15.b.iii.(2) ▶Unplanned Discharges of the Potable Water System[50]

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)[51]	pH (standard units)[52]	Discharge Turbidity (Visual)[52]	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[52]	Inspector arrival time	Responding crew arrival time
VWR (3745 Bayshore Blvd.) back loading bay	Emergency Water Main Break	Catch Basin to Brisbane Lagoon	1/20/2011	0445-0845	240,000	240,000	0.00	6.5	0	Dechlorinatio n equipment was set up at discharge point at 0510. Waddles were placed around catch basin. Asphalt parking lot was kept well swept during and after the event.	0445	Sue Ma RWQCB 1100 1/20/11	0510	0510

[50] This table contains all of the unplanned discharges that occurred in this FY.
[51] Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.
[52] 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.