



CITY OF PINOLE

Development Services Department Public Works

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September 15, 2011

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

Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2010 - 2011 Annual Report for the City of Pinole, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

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

Very truly yours,

Belinda B Espinosa
City Manager
Enclosure

FY 2010-2011 Annual Report
Permittee Name: City of Pinole

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Section 1 – Permittee Information

Background Information				
Permittee Name:	City of Pinole			
Population:	20,000			
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)			
Order Number:	R2-2009-0074 (San Francisco Bay RWQCB)			
Reporting Time Period (month/year):	July / 2010 through June / 2011			
Name of the Responsible Authority:	Belinda Espinosa	Title:	City Manager	
Mailing Address:	2131 Pear Street			
City:	Pinole	Zip Code:	94564	County: Contra Costa
Telephone Number:	510-724-9002	Fax Number:	510-724-8926	
E-mail Address:	bespinosa@ci.pinole.ca.us			
Name of the Designated Stormwater Management Program Contact (if different from above):	Dean Allison	Title:	Director of Public Services City Engineer	
Department:	Public Services			
Mailing Address:	2131 Pear Street			
City:	Pinole	Zip Code:	94565	County: Contra Costa
Telephone Number:	510-724-9017	Fax Number:	510-741-3863	
E-mail Address:	DAllison@ci.pinole.ca.us			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Tim Harless participates as a voting member on the Municipal Operations Committee. Meetings are held monthly and the committee works on projects relating to Municipal Operations and other program level projects.

Tim Harless is also an alternate member on the BASMAA MOC Ad Hoc Committee

Refer to the C.2 Municipal Operations section of the countywide Program's FY 10-11 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

Place 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:

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:

NA	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:

Any wash water from the above listed activities are either conducted at the Corp. Yard located at the Waste Water Treatment Plant, which is an enclosed system directly to the sanitary sewer or are conducted by sub-contractors that are certified and have meet the BASMAA Mobile Surface Cleaner Program BMP's.

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:

Most of the maintenance work done for the City is contracted out. Small jobs are done in house by staff. Contracts for maintenance with City all have specifications for implementation on appropriate BMPs.

Training has been conducted for maintenance staff on the appropriate methods and BMPs that are required when using pressure washers on City sidewalks and buildings. The City contracts it's graffiti removal to Graffiti Control Services who confirm to the City that they are implementing all the necessary BMPs when removing or covering graffiti on City owned structures.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations):

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

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)

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

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas:			

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

C.2.f. ► Corporation Yard BMP Implementation

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

<input type="checkbox"/>	We do not have a corporation yard
<input checked="" type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a 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:

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

Comments:

The City of Pinole has a General Permit for Discharges of Storm Water associated with Industrial Activities, Order No. 97-03-DWQ -- WDID# 207I000432. The facility was found to be in compliance at the time of the last inspection on May 10, 2011.

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

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:

The City of Pinole uses the legal authority within its Municipal Code Chapter 8.20 to implement the Provisions in C.3 of its Municipal Regional Permit.

The City's development review and permitting procedures include the use of conditions of approval and the Contra Costa Clean Water Program C.3 guidebook when reviewing applications.

Water quality effects and mitigation measures are addressed during the CEQA review phase of a project. The Office of Planning and Research define the guidelines in Appendix G for water quality.

Staff is trained bi-annually either in house or thru the Clean Water Program on C.3 compliance and new trends in Low Impact Development. Outreach and education efforts are made thru the dissemination of pamphlets and BMP guidance to applicants of projects at the permitting desk.

Unregulated projects within the City are encouraged to implement source controls and site design measure through compliance requirements within the Municipal Code.

The City's Draft General Plan revision includes specific provisions for protecting Pinole Creek and it's shoreline, restoring Pinole Creek, and it's riparian habitat, expanding setbacks within the creek and San Pablo Bay area to protect and mitigate against the impacts of new development and to protect threatened wetlands areas. Items specific in the General Plan relating to water quality can be found in the following policy items; OS 8.2 Low Impact Development, OS 8.3 Groundwater Recharge, OS 8.4 Groundwater Quality, OS 8.5 Prevent Water Pollution, OS 8.8 Protect creeks and San Pablo Bay.

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:
Refer to the C.3 New Development and Redevelopment section of the countywide program's FY 10-11 Annual Report for a description of pilot green street project activities conducted at the countywide or regional level.

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.

See table C.3.b.v.(1)

C.3.c. Low Impact Development Reporting

Countywide program annual reports and/or a BASMAA summary report will describe the submittals made during FY 10-11 (i.e., Biotreatment Soil Specifications, Special Projects Proposal, Feasibility/Infeasibility Criteria Report, and Green Roof Specifications).

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

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

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

Summary:

The City of Pinole requires annual inspections for Operation and Maintenance be performed at the Pinole Valley Shopping Center and Pinole Shores. Certified inspectors from Contech and Filterra performed both of the inspections. Staff reviews inspection reports submitted to the City for confirmation and compliance. Both sites reported devices that are functioning as designed and routine maintenance and upkeep was performed. Filterra devices required the specified amount of filter media be replaced in each of the tree wells. The Contech vault required the replacement of the cartridge filters. No abnormalities were reported.

(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:

Inspections for Operation and Maintenance Verification were received from the property owners this year upon request. With only two projects needing verification and both having only been inspected twice, it is hard to discuss trends and changes needed in order to make the program more effective. Certified inspectors from the manufacturer inspected both sites. All of the devices inspected were in good working order and required normal maintenance and upkeep. Until the program has a significant increase in the number of inspections that need to be tracked and reported on annually, the City will continue to implement the program as is.

The City will continue to notify property owners of the O&M Inspection requirements on August 1st with a due date of September 1st.

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											
Chase	1541 Fitzgerald Dr.	JP Morgan Chase	NA	Bank	Garrity Creek	.88	.88	21669	21669	21669	21669
Public Projects											
None											
Comments:											

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										
Chase	8/4/2010	8/23/2010	Covered trash area.	Increased land areas by 32.2%	Bio-retention	O&M Agreement	C.3.d,I (1)(b)	N/A	N/A	
Comments:										

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), bioretention unit(s), regional detention basin, or in-stream control).

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

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										
None										
Comments:										

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), bioretention 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.

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
Pinole Valley Shopping Center	2700 Pinole Valley Road	No	The Kivelstadt Group	5/20/2011	Bi-annual	Vault/Tree Well (Filterra Unit)	Maintenance Performed as per manufacturers requirements. All of the units were in good working order with no mechanical defects. Mulch was added to all of the units.	None	None
Pinole Shores	850 San Pablo Avenue	No	Panattoni Properties	8/25/2010	Annual Inspection	Contech Vault	StormFilter Cartridges Replaced in all of the units. No adverse finding noted on the inspection forms submitted to the City.	None	None

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, 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's Facility List was updated March 24, 2011 to determine the inspection schedule for 2010-11. Our inspection program is set up to inspect all of our businesses biennially. Each reporting year half of the businesses get their initial inspections with the high priority and high-risk businesses being inspected first.

The confirmed problem facilities and new businesses were added to this year's inspection schedule, meeting the one, two and five year inspection requirements.

This year, 65 facilities were inspected which included 4 new businesses, 5 potential problem facilities and 2 permit facilities. There were a total of 4 verbal warnings issued triggering 7 follow up inspections for confirmation of compliance. Two industrial permitted facilities were inspected with a member of the State Water Resources Control Board.

The Complete Facility List will be updated annually to determine the next inspection schedule.

Tim Harless participates as a voting member on the Municipal Operations Committee. Meetings are held monthly and the committee works on projects relating to Municipal Operations and other program level projects.

Tim Harless is also an alternate member on the BASMAA MOC Ad Hoc Committee

Refer to the C.4. Industrial and Commercial Site Controls section of the Program's FY 10-11 Annual Report for a description of activities of the countywide program and/or the BASMAA Municipal Operations Committee.

Cyanide Program

In 2008 all commercial laboratories were inspected to determine the potential of mercury and/or cyanide to be released to the collection system. It was determined that three sources had the ability to discharge cyanide in the WPCP's collection system. One of the sources removed all cyanide from its processes and premises.

In 2009 the second facility removed all cyanide from its premises, changing its status to known absent.

In 2010 the third source's packing department changed the way they dispense (flushing) and dispose of their residual buffers. This procedural change will reduce their contribution approximately 10%. We will continue to work with the final facility's R&D department to continue in the reduction of cyanide by the implementation of BMP's.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	<input checked="checked" type="checkbox"/> Yes	<input type="checkbox"/> 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.

See Attachment: Stormwater Inspection Facilities List

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

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

See Attachment: Commercial/Industrial Stormwater Inspections 10-11

C.4.c.iii.(1) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected (if known)	65	
Total number of inspections conducted	72	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	4	6%
Violations ³⁷ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	4	100%

Comments:

The City has created a tracking system for problematic sites and sites in violation. Once a site has been inspected and has been found to have deficiencies, they are added to the Problem Facilities list. This list is kept on hand by the City's inspector and used to schedule re-inspections for verification of violation resolution. Re-inspection dates are clearly noted in the table and are used to confirm that violations have been resolved within the 10-day requirement.

**Please see the attached log:
 Stormwater Problem Pinole Facilities 2011[Attachment C.4.ciii.(1)] for verification and/or explanation of violation resolution within the required 10 days.**

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	4

Comments: No evidence of recent discharges or actual discharges to inlets or water bodies was observed during routine inspections.

³⁷ 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.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) ³⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken³⁹
Level 1	Verbal	4	100
Level 2			
Level 3			
Level 4			
Total			

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 Category⁴⁰	Number of Actual Discharge Violations	Number of Potential Discharge Violations
Food Service	0	2
Mini-mart	0	1
Multi-unit	0	1
Gas Station	0	0
Grocery Store	0	0
Manufacturing	0	0
Retail	0	0
Vehicle Service	0	0
Hardware	0	0
Body Shop	0	0
Commercial	0	0
Fleet Operations	0	0
Dry Cleaner	0	0

³⁸ Agencies to list specific enforcement actions as defined in their ERPs.

³⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴⁰ 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:

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

C.4.d.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Commercial/Industrial Stormwater Inspection Training Workshop	February 24, 2011	<ul style="list-style-type: none"> • Overview of Model Business Inspection Plan and Model Enforcement Response Plan. • Contra Costa Green Business Program • Sampling and Assessing NOI Facilities • Identifying Mercury, PCBs, and Copper in the Field • Stormwater Compliance and Case Studies • Sewer Overflows • Stormwater Compliance and Enforcement 	1 Inspector + 2 Staff	100%

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

Program Highlights

Provide background information, highlights, trends, etc.

Tim Harless participates as a voting member on the Municipal Operations Committee. Meetings are held monthly and the committee works on projects relating to Municipal Operations and other program level projects.

Tim Harless is also an alternate member on the BASMAA MOC Ad Hoc Committee

Refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program’s FY 10-11 Annual Report for description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
Tim Harless	Environmental Compliance Inspector (for Commercial and Industrial or any business illicit discharge)	510-724-8920
Contra Costa Clean Water Program	Spill Reporting Line	1-800 NO DUMPING

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:

The City of Pinole requires any contract with mobile surface cleaning businesses to provide certification in the BASMAA Mobile Surface Cleaner Program.

Refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program’s FY 10-11 Annual Report 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 annually inspects catch basins, head walls, v-ditches and stream/creek bed structures. In 2010-11 City staff removed 17 yards of trash from City maintained systems. Our screening program currently implemented is successful in keeping up with the volumes of debris collected. No changes to this program are deemed necessary.

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))	1	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	1	100%
Discharges resolved in a timely manner (C.5.f.iii.(3))	1	100%

Comments:

The City of Pinole uses an in house tracking system for reports of illicit discharges. When a discharge is reported, both Code Enforcement and the Public Works Secretary are notified. Upon notification, a case is opened and a follow-up inspection is performed. The case remains open until the violation is resolved.

For this reporting year, there is one illicit discharge report. A local business held a car wash fundraising event and discharged the wash water to the storm drain without treatment. The owner of the business was contacted and given educational outreach on the proper ways to do car-washing fundraisers. They have been instructed to follow the guidelines in the Clean Water Program “Car Wash Flyer”.

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

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

The only discharge reported to the City was a report of an illegal discharge to the storm drain system of wash water from a car wash fundraising event. The amount of water discharged to the storm drain is unknown. The organizer of the event was contacted and educated on the required BMPs for doing a car wash.

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	0	0
Comments:		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁴¹	% of Total Violations⁴²
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%

⁴¹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

⁴² 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) ⁴³	Number Enforcement Actions Taken	% Enforcement Actions Taken ⁴⁴
Level 1		0	
Level 2		0	
Level 3		0	
Level 4		0	
Total		0	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)	N/A	% ⁴⁵
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	N/A	% ⁴⁶
Total number of violations for the reporting year⁴⁷	N/A	100%
Comments:		

⁴³ Agencies should list the specific enforcement actions as defined in their ERPs.

⁴⁴ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴⁵ 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.

⁴⁶ 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.

⁴⁷ 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:

The City of Pinole continues to experience a downward trend in permit applications for construction. With this downward trend comes a decrease in the number of overall inspections being performed. For this reporting period there were no projects that met the threshold of “high priority” or equal to or greater than one acre of disturbed surface. While the program has continued to work on refining and updating inspection forms to include additional requirements as set forth in the permit, overall trends in progress are hard to identify as compared with inspections from years past when site inspections were up but data being collected was not as specific as it is today. With this in mind, the City will continue to emphasize the importance of good site planning, appropriate and effective erosion and sediment controls supported by consistent and effective inspections.

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 of Pinole with a population of less than 20,000 people is primarily built out and most projects are limited to redevelopment and infill. The City uses a single inspector under contract from Contra Costa County to perform all of the Construction related inspections. By using one inspector, the City is able to have consistent communication with the inspector about the sites and findings from the inspections. The single most effective tool used is the educational piece. The City makes available pamphlets at the permit counter as well as from the inspector when performing inspections. Training for our City inspector is provided at the Program level through the Contra Costa Clean Water Program Workshops. Workshops are held annually and cover different aspects of the C.6 Provisions.

Refer to the C.6 Construction Site Control section of countywide program's FY 10-11 Annual Report for a description of activities at the countywide or regional level.

C.6.f ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Training to Become a Qualified SWPPP Developer (QSD) WRECO Training City Stormwater Program Staff Consultants attended this training.	February 22-24, 2011	<ul style="list-style-type: none"> • Training Overview and Regulations • Erosion Processes and Sediment Control • SWPPP Implementation • Monitoring • Reporting • Project Planning and Site Assessment • SWPPP Development and PRDs • Project Closeout 	2 Staff	66.7%
Training to Become a Qualified SWPPP Practitioner (QSP) WRECO Training City Stormwater Program Staff Consultants attended this training.	February 22-24, 2011	<ul style="list-style-type: none"> • Training Overview and Regulations • Erosion Processes and Sediment Control • SWPPP Implementation • Monitoring • Reporting 	2 Staff	66.7%

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 City of Pinole shares six creek side flyer boxes with the local creek group and posts pollution prevention messages in these boxes during the spring summer and fall. The City also has it's own Cable channels where we post pollution prevention messages and events. This is not only televised to the local cable subscribers in Pinole but televised to our neighboring jurisdictions of Hercules, San Pablo and unincorporated Richmond (El Sobrante). There are newsletters that go out several times a year from the local creek group, Chamber of Commerce and Pinole's own Community newsletter in which we advertise pollution prevention messages and programs available to the general public. We also our local Waste Management Authority by posting their pollution prevention events, programs and services.

See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a summary of the Trash Campaign conducted by the Program on our behalf.

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:

- 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:

X	Survey report attached: See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a report summarizing the Pre-Campaign Trash Survey conducted by the Program on our behalf.
	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 separate report developed by BASMAA summarizes media relations efforts conducted during FY 10-11:

- **BASMAA Media Relations Final Report**

This report and any other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of Any Changes Made during FY 10-11:

Nancy Voisey has been removed from the City's contact list. All of the other contacts remain the same.

Refer to countywide Program's C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report for efforts conducted by the countywide program to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, etc.).

C.7.e ► Public Outreach Events

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

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscope presentation, pesticides,	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:

	formwater awareness)	<ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Bringing Back the Natives Garden Tour, May 2011, Countywide	Tour to encourage landscaping using native plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc... for countywide residents.	See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.
Live Nation Anti-Litter Campaign, August 2010, Concord Pavilion	The message “Litter Travels But It Can Stop with You” was broadcast using a variety of means to concertgoers. A booth with outreach information and education was provided where residents were encouraged to sign-up and participate in a creek clean-up event.	See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.
Shoreline Community Clean-up, September 2010	Coastal Cleanup Day event sponsored and hosted by the City of Pinole and the East Bay Regional Parks District. This is a statewide event that brings the public into the efforts of cleaning up our coastal shorelines and creeks.	The City of Pinole annually hosts the shoreline community cleanup on “Coastal Clean-up Day”. The event is well attended by the community and provides a good venue for the City to disseminate information on pollution prevention while getting citizens involved with the clean water program.
Northern California Cruisers Car Show in Pinole, June 2011	The message to the public at the car show is how to recycle car fluids responsibly. Outreach given to the public included: 200 – 6 Qt. oil Containers 200 – Oil funnels 200 – CD Cleaners 150 – Car Air Fresheners 170 – Educational Pamphlets 100 – “Take Pride in your Ride” instruction sheets for recycling motor oil.	At Pinole’s Annual Car Show, in partnership with Recyclemore, a public outreach booth was set up to educate the public on the benefits of recycling used oil and protecting the waterways. During this event a large number of educational materials containing this information were distributed to the local community.

	<p>25 – “Keeping it all in tune” instruction sheets on preventing Stormwater pollution during auto repair.</p> <p>25 – “It’s Enough to Make you Sick” pamphlets on healthy choices that help keep household contaminants from entering our waterway.</p> <p>20 – “We Live in a Watershed” tips brochures on how to protect your watershed everyday.</p>	
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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:

Pinole supports its local Friends of Pinole Creek Watershed by helping to distribute their bi-annual newsletter and by maintaining six literature boxes along the creek for pollution prevention information. The creek group collaborates with the Clean Water Program by assisting in creek monitoring projects. The creek group joins the City of Pinole in September for Shoreline Clean-up Day and in the spring they conduct a spring cleanup. The City assists with the spring cleanup by providing a dumpster or allowing the trash collected to be dropped off at the Corp. Yard for processing.

See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a detailed report on BASMAA and the Program’s encouragement and support of various Watershed Stewardship Collaborative Efforts” on our behalf.

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Volunteer Creek Monitoring Program, Spring 2011, Alhambra, Walnut, Kirker, Marsh, Mount Diablo, Pinole and San Pablo Creeks.	The Program's Volunteer Creek Monitoring Program involves interested citizens and creek advocates to assist with creek bioassessment monitoring.	See the Program's Fiscal Year 2010/11 Group Program Annual Report, Section C.8, for further details.
Northern California Cruisers Car Show, June 2011	The message to the public at the car show is how to recycle car fluids responsibly. Outreach given to the public included: 200 – 6 Qt. oil Containers 200 – Oil funnels 200 – CD Cleaners 150 – Car Air Fresheners 170 – Educational Pamphlets 100 – "Take Pride in your Ride" instruction sheets for recycling motor oil. 25 – "Keeping it all in tune" instruction sheets on preventing Stormwater pollution during auto repair. 25 – "It's Enough to Make you Sick" pamphlets on healthy choices that help keep household contaminants from entering our waterway. 20 – "We Live in a Watershed" tips brochures on	At Pinole's Annual Car Show, in partnership with Recyclemore, a public outreach booth was set up to educate the public on the benefits of recycling used oil and protecting the waterways. During this event a large number of educational materials containing this information were distributed to the local community.

	how to protect your watershed everyday.	
Shoreline Clean-up, September 2010	Coastal Cleanup Day event sponsored and hosted by the City of Pinole and the East Bay Regional Parks District. This is a statewide event that brings the public into the efforts of cleaning up our coastal shorelines and creeks.	The City of Pinole annually hosts the shoreline community cleanup on “Coastal Clean-up Day”. The event is well attended by the community and provides a good venue for the City to disseminate information on pollution prevention while getting citizens involved with the clean water program.

C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
The City supported K-12 outreach conducted by O’Rorke in schools and athletic leagues.	Refer to the C.7 Section of the countywide program’s FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level. In addition, add information on any local School-age Children Outreach efforts to this table.	See the Group Program Annual Report	See the Group Program Annual Report

<p>The City supported the Mr. Funnelhead Program in schools, city/county fair events and TV ads.</p>	<p>Refer to the C.7 Section of the countywide program's FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level. In addition, add information on any local School-age Children Outreach efforts to this table.</p>	<p>See the Group Program Annual Report</p>	<p>See the Group Program Annual Report</p>
<p>The City supported the Newspapers in Education program.</p>	<p>Refer to the C.7 Section of the countywide program's FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level. In addition, add information on any local School-age Children Outreach efforts to this table.</p>	<p>See the Group Program Annual Report</p>	<p>See the Group Program Annual Report</p>

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

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 and/or BASMAA's Regional Monitoring Report.

When the Program comes to do water quality-monitoring activities in the City of Pinole, and if there are not enough volunteers to staff the monitoring activity, the City's Clean Water Program staff may participate in monitoring workgroups to conduct the field work in our jurisdiction.

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

(<i>Water Board staff requested resubmittal for FY 10-11</i>) Attach a copy of your individual IPM ordinance or policy.	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Not attached , explain below
If Not attached , explain: Describe mechanism for adopting/formalizing IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training). The Public Works Director under the authority granted to implement programs, policies and standard operating procedures has adopted the IPM Program for the City of Pinole.				

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 Used⁴⁸

Pesticide Category and Specific Pesticide Used	Amount ⁴⁹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0			
Pyrethroids	0	0			
Carbaryl	0	0			
Fipronil	0	0			

⁴⁸ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁴⁹ 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.	1
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	1
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input checked="" type="checkbox"/>	Equivalent documentation. Bay Friendly Landscape Training – See Attached Certificate		
If Not attached , explain:			

C.9.e ▶ Track and Participate in Relevant Regulatory Processes
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: During FY 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?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>
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.	

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.	

Section 10 - Provision C.10 Trash Load Reduction

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

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.

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.

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.

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

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)
Conducted during FY 09-10 Pinole Creek – City of Pinole	5/12/2010	1 Cubic Yard	Fast Food Containers	Trash was found to be predominantly along the park trails and at the outfalls to the creek.

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/Drop-off 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
<p>Guidance: List new and existing trash load reduction actions performed by your municipality in FY 10-11. For each action, provide the date of first implementation, the level of implementation, and the dominant types of trash removed. For “Total Trash Load Removed”, <u>provide the following note:</u> “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.”</p>			<p>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.</p>	
<p>Inspect and clean catch basins</p>	<p>1970s</p>	<p>No Increase</p>	<p>17 yards</p>	<p>Leaves, paper, cans, and cigarettes.</p>
<p>Bi-monthly street sweeping</p>	<p>1990s</p>	<p>No increase</p>	<p>248 yards</p>	<p>Leaves, paper, cigarettes, sediment, PCBs, Copper, Lead, Nickel, TPH, Oil and Grease and Mercury.</p>
<p>Litter pick-up and control</p>	<p>2007</p>	<p>No increase</p>	<p>57 yards + 120 automobile tires from San Pablo Bay</p>	<p>Mattresses, tires, construction debris, household appliances, yard waste, glass products, plastics and aluminum cans.</p>
<p>Creek cleanup and removal of debris</p>	<p>2002</p>	<p>No Increase</p>	<p>20 yards</p>	<p>Fast Food Containers</p>

FY 2010-2011 Annual Report
Permittee Name: City of Pinole

C.10 – Trash Load Reduction

Curbside Recycling Program	2002	No Increase	20 yards	All significant types of recyclable materials; papers, plastics, metals, glass aluminum cans.
Pinole library trash/litter campaign display.	2010	No increase	Unknown	All significant types of recyclable materials; papers, plastics, metals, glass aluminum cans.
Source control bans on where smoking is prohibited. (i.e. parks and trails)	2010	No Increase	Unknown	Cigarette butts
City website recycling directory	2010	No Increase	Unknown	Recyclables
Public broadcasting of ads developed by the clean water program on the local cable channel.	2009, 2010	No Increase	Unknown	Trash and the effects of litter in our waterways.

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).

Thermometer Exchange Program

In 2009, the City of Pinole launched a Thermometer/Thermostat Exchange Program. The Compliance Department placed an advertisement in the Chamber newsletter informing the citizens of a FREE Mercury Thermometer Exchange Program. Initially 100 digital thermometers were purchased and exchanged for mercury filled thermometers within the first couple of weeks. Another 250 were purchased immediately and 76 of those were exchanged, totaling 176 thermometers.

In 2010, The City continued with the Thermometer Exchange Program by placing an advertisement in the Senior Center News Letter in the months of March thru August, November and December. A flyer was also distributed at the Senior Center. This allowed for 149 mercury thermometers to be exchanged. The Compliance Department purchased another 500 thermometers to continue this successful program.

Laboratory Thimerosal

Several meetings and phone conversations have continued over the last year with the labs that still have the potential for mercury release. The Lab's main vendor that supplies several products has replaced the compound thimerosal with a non-mercury preservative. This was very successful, leaving one last remaining supplier to work with and eliminate the use of products containing Thimerosal.

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.

Amount collected:

Not all mercury and PCB load reduction actions were tracked using "loads removed" methods this fiscal year. In the Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report, an initial Mercury and PCB Load Reduction Tracking Method was presented (see Provision C.11.g). Based on Water Board staff comments, a revised method will be presented in the Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report. Based on this methodology, loads removed via the collection/recycling of mercury-containing products will be documented beginning in FY 11-12.

- 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, and report on any local training efforts, if applicable.

- 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

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

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.

Copper Program
Vehicle Service Facility Program – Public Facilities
 A site inspection was conducted on both vehicle service facilities. The facilities were found to be in compliance, with one that continues to meet the Green Business Program guidelines.

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

Summary

Plumbing Contractors BMP Program

In January 2009, a high copper test result was reported. The Compliance Department immediately started an investigation in identifying the source. It was determined that a new construction site had flushed the piping system into the collection system.

The Compliance Department continues to meet with City Administration to find a solution that would prevent similar discharges from occurring in the future. The City's building officials continue to notify the WPCP of any new plumbing construction or repairs to ensure all BMP's are being followed.

The City distributes two brochures upon request of obtaining a City's construction permit or business license. The brochures were developed by the Bay Area Clean Water Agencies. The first is a fact sheet for designers, Preventing Corrosion Protects San Francisco Bay and the second is a fact sheet for installers/plumbers, Good Plumbing Practices Protect San Francisco Bay.

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

Revised. Description reads, "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 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

Revised. Description reads, "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities can provide descriptions below."

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?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments:				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary:</p> <p>Refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 10-11 Annual Report as needed.</p>

Pinole Clean Water Inspections

Annual Report

Facility List

2010-2011

	Name	Address	City	Last Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?
1	Dream's Auto Collision Repair Center	720 SAN PABLO Ave D	Pinole			Body Shop		
2	Solar Car Wash	730 5TH Ave	Pinole			Car Wash/Det.		
3	Super Car Wash	1261 TARA HILLS Drive	Pinole			Car Wash/Det.		
4	Oasis Nails & Spa	1346 FITZGERALD Drive	Pinole			Commercial		
5	Pinole Valley Lanes	1580 PINOLE VALLEY Road	Pinole			Commercial		
6	Appian 80 Express	1577 TARA HILLS Drive	Pinole			Dry Cleaner		
7	Bay Cleaners & Laundromat	2580 APPIAN Way	Pinole			Dry Cleaner		
8	Four Mile Cleaners	1441 TARA HILLS Drive	Pinole			Dry Cleaner		
9	Pinole Cleaners	2701 PINOLE VALLEY Road D	Pinole			Dry Cleaner		
10	San Pablo Cleaners	610 SAN PABLO Ave	Pinole			Dry Cleaner		
11	Western Contra Costa Transit Authority (WESCAT)	601 WALTER Ave	Pinole			Fleet Operations		
12	Amazing Cruisine	2511 SAN PABLO Ave	Pinole			Food Service		
13	Applebee's	1369 FITZGERALD Drive	Pinole			Food Service		
14	A La Mode Donuts & Ice Cream	2801 Pinole Valley Road	Pinole			Food Service		
15	A's New York Pizza	2701 PINOLE VALLEY Road	Pinole			Food Service		
16	Bangkok Thai Cuisine	1569 TARA HILLS Drive	Pinole			Food Service		
17	Bear Claw Bakery	2340 SAN PABLO Ave	Pinole			Food Service		
18	BT Sandwich and Deli	1279 SAN PABLO Ave	Pinole			Food Service		
19	Burger King	1571 FITZGERALD Drive	Pinole			Food Service		
20	Carl's Jr Restaurant	1550 FITZGERALD Drive	Pinole			Food Service		
21	Cheese Steak Shop, Inc.	1394 FITZGERALD Drive	Pinole			Food Service		
22	China Delights	1501 TARA HILLS Drive	Pinole			Food Service		
23	China House	1971 SAN PABLO Ave	Pinole			Food Service		
24	Chuck E. Cheese	1470 FITZGERALD Drive	Pinole			Food Service		
25	Cold Stone Creamery	1460 FITZGERALD Drive 103	Pinole			Food Service		
26	Foster's Freeze	993 SAN PABLO Ave	Pinole			Food Service		
27	Green Lantern	1907 SAN PABLO Ave	Pinole			Food Service		
28	Happy Shashimi	2718 PINOLE VALLEY Road	Pinole			Food Service		
29	Haweli Indian Restaurant	2554 APPIAN Way	Pinole			Food Service		
30	Hometown Buffet	1579 FITZGERALD Drive	Pinole			Food Service		
31	Hunan Villa Chinese Restaurant	632 SAN PABLO Ave A	Pinole			Food Service		
32	Ice Cream Mania	1514 FITZGERALD	Pinole			Food Service		
33	In-N-Out Burger	1417 FITZGERALD Drive	Pinole			Food Service		
34	Jack in the Box	2689 PINOLE VALLEY Road	Pinole			Food Service		
35	Kentucky Fried Chicken	1544 FITZGERALD Drive	Pinole			Food Service		
36	King Valley Restaurant	795 FERNANDEZ Ave	Pinole			Food Service		

37	McDonald's	1402 TARA HILLS Drive	Pinole			Food Service		
38	Mels	1441 FITZGERALD Drive	Pinole			Food Service		
39	New Deli	624 SAN PABLO Ave A	Pinole			Food Service		
40	Noah's Bagels	1552 FITZGERALD Drive	Pinole			Food Service		
41	Ohana Hawaiian BBQ	1554 FITZGERALD Drive	Pinole			Food Service		
42	Outback Steak House	1361 FITZGERALD Drive	Pinole			Food Service		
43	Panda Express	1460 FITZGERALD Drive 101	Pinole			Food Service		
44	Papa Murphy's Take 'n Bake Pizza	1502 FITZGERALD Drive A	Pinole			Food Service		
45	Pear Street Bistro	2395 SAN PABLO Ave	Pinole			Food Service		
46	Pinole Creek Café	2454 SAN PABLO Ave	Pinole			Food Service		
47	Pinole Senior Village	2850 ESTATES Ave	Pinole			Food Service		
48	Pizza Hut	1211 TARA HILLS Drive	Pinole			Food Service		
49	Rickshaw Chinese Restaurant	1560 FITZGERALD Drive	Pinole			Food Service		
50	Ristorante Due Rose	1596 FITZGERALD	Pinole			Food Service		
51	Round Table Pizza	1409 FITZGERALD Drive	Pinole			Food Service		
52	Sam's Dog House	2432 SAN PABLO Ave	Pinole			Food Service		
53	Sizzler Restaurant	1515 FITZGERALD Drive	Pinole			Food Service		
54	Starbucks Coffee #5260	1540 FITZGERALD Drive	Pinole			Food Service		
55	Subway Sandwiches	1460 FITZGERALD Drive 102	Pinole			Food Service		
56	Subway Sandwiches #25528	2768 Pinole Valley Road	Pinole			Food Service		
57	Tachikawa Japanese Restaurant	632 SAN PABLO Ave	Pinole			Food Service		
58	Taco Bell	1561 FITZGERALD Drive	Pinole			Food Service		
59	Taqueria Aguililla	1588 FITZGERALD Drive	Pinole			Food Service		
60	Taqueria Morena	2576 APPIAN Way	Pinole			Food Service		
61	Taqueira Sanchez	2400 San Pablo Avenue	Pinole			Food Service		
62	Thai Spice	2701 PINOLE VALLEY Road B	Pinole			Food Service		
63	The Alley Cafe	2265 PEAR Street	Pinole			Food Service		
64	The Embers	600 SAN PABLO Ave	Pinole			Food Service		
65	The Red Onion	2870 PINOLE VALLEY Road	Pinole			Food Service		
66	Togo's Eatery	1356 FITZGERALD Drive	Pinole			Food Service		
67	Uncle Chung's Szechwan	2550 APPIAN Way	Pinole			Food Service		
68	Waffle Shop	2727 PINOLE VALLEY Road	Pinole			Food Service		
69	Wendy's Old Fashioned Hamburgers	1581 FITZGERALD Drive	Pinole			Food Service		
70	Yummy Gurt	2701 PINOLE VALLEY Road E	Pinole			Food Service		
71	Ken Betts Chevron	2695 PINOLE VALLEY Road	Pinole			Gas Station		
72	Major Line Gas	1390 SAN PABLO Ave	Pinole			Gas Station		
73	Pinole Express	2298 APPIAN Way	Pinole			Gas Station		
74	Pinole Valley Arco	2747 PINOLE VALLEY Road	Pinole			Gas Station		
75	Smart Stop	1007 SAN PABLO Ave	Pinole			Gas Station		
76	Valero	2401 APPIAN Way	Pinole			Gas Station		
77	Vista Shell	1401 FITZGERALD Drive	Pinole			Gas Station		
78	Lucky	1530 FITZGERALD Drive	Pinole			Grocery Store		
79	Food Maxx	1370 FITZGERALD Drive	Pinole			Grocery Store		
80	Grocery Outlet	1460 FITZGERALD Drive	Pinole			Grocery Store		
81	Pump House	700 TENNENT Ave	Pinole			Grocery Store		
82	Trader Joe's	2742 PINOLE VALLEY Road	Pinole			Grocery Store		

83	Valley Produce Market	1588 SAN PABLO Ave	Pinole			Grocery Store		
84	Clemes & Clemes, Inc.	650 SAN PABLO Ave	Pinole			Manufacturing		
85	eeonyx	750 BELMONT Way	Pinole			Manufacturing		
86	Sugar City Building Materials, Inc.	800 SAN PABLO Ave	Pinole			Manufacturing		
87	7-Eleven Stores	2869 PINOLE VALLEY Road	Pinole			Mini-Market		
88	Del Monte Center	600-632 SAN PABLO Ave	Pinole			Property Mngt		
89	JV Shopping Center	2701 PINOLE VALLEY Road	Pinole			Property Mngt		
90	Pinole Service Center	730 SAN PABLO Ave	Pinole			Property Mngt		
91	Big Kmart Stores	1500 FITZGERALD Drive	Pinole			Retail		
92	Michael's Art & Craft	1450 FITZGERALD Drive	Pinole			Retail		
93	Target	1400 FITZGERALD Drive	Pinole			Retail		
94	Walgreens	2750 PINOLE VALLEY Road	Pinole			Retail		
95	99 cent Only Stores	620 SAN PABLO Ave	Pinole			Retail		
96	Accutech Auto	550 SAN PABLO Ave	Pinole			Vehicle Service		
97	Big O Tires Inc.	700 BELMONT Way	Pinole			Vehicle Service		
98	Crocketts Premier Auto Body	900 San Pablo Ave	Pinole			Vehicle Service		
99	Dave's Auto Repair	720 SAN PABLO Ave A	Pinole			Vehicle Service		
100	Goodyear Tire Center	1520 FITZGERALD Drive	Pinole			Vehicle Service		
101	Holleran's Performance	720 SAN PABLO Ave F	Pinole			Vehicle Service		
102	Integrity Muffler	730 SAN PABLO Ave 2	Pinole			Vehicle Service		
103	Jim Dandy Muffler	636 SAN PABLO Ave	Pinole			Vehicle Service		
104	Kragen Auto Parts	1251 TARA HILLS Drive	Pinole			Vehicle Service		
105	Kragen Auto Parts	1442 FITZGERALD Drive	Pinole			Vehicle Service		
106	Metric Motor Sports	517 San Pablo Ave.	Pinole			Vehicle Service		
107	Prof SMOG	730 SAN PABLO Ave 3	Pinole			Vehicle Service		
108	Square Deal Garage	2500 SAN PABLO Ave	Pinole			Vehicle Service		
109	Wheel Works	1251 TARA HILLS Drive	Pinole			Vehicle Service		
110	Dolan Lumber	990 SAN PABLO Ave	Pinole			Hardware		
111	Orchard Supply Hardware	1440 FITZGERALD Drive	Pinole			Hardware		

New businesses will be inspected during fiscal year 2010-2011

Problem Facilities will be reinspected during fiscal year 2010-2011

Permit Facilities inspected yearly

Updated 3/24/2011

	Biennial	
	Biennial	
	Biennial	
	Yearly	
	Biennial	
	Biennial	
	Biennial	
	Yearly	
	Biennial	
	Biennial	
	Biennial	
	Yearly	
	Biennial	
	Biennial	
	Biennial	

**Pinole Clean Water Inspections
Fiscal Year 2010-2011**

**Annual Report
7/1/2010-6/30/2011**

	Name	Address	City	Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?
1	Dream's Auto Collision Repair Center	720 SAN PABLO Ave D	Pinole	4-Apr-11	T. Harless	Body Shop	Routine	None
2	Oasis Nails & Spa	1346 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Commercial	Routine	None
3	Appian 80 Express	1577 TARA HILLS Drive	Pinole	7-Apr-11	T. Harless	Dry Cleaner	Routine	None
4	Bay Cleaners & Laundromat	2580 APPIAN Way	Pinole	7-Apr-11	T. Harless	Dry Cleaner	Routine	None
5	Four Mile Cleaners	1441 TARA HILLS Drive	Pinole	7-Apr-11	T. Harless	Dry Cleaner	Routine	None
6	Pinole Cleaners	2701 PINOLE VALLEY Road D	Pinole	16-Nov-10	T. Harless	Dry Cleaner	Routine	None
7	San Pablo Cleaners	610 SAN PABLO Ave	Pinole	1-Apr-11	T. Harless	Dry Cleaner	Routine	None
8	Western Contra Costa Transit Authority (WESCAT)	601 WALTER Ave	Pinole	10-May-11	T. Harless	Fleet Operations	Routine	None
9	A La Mode Donuts and Ice Cream	2801 PINOLE VALLEY Road	Pinole	16-Nov-10	T. Harless	Food Service	Routine	None
10	Cold Stone Creamery	1460 FITZGERALD Drive 103	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
11	The Embers	600 SAN PABLO Ave	Pinole	11-Jan-11	T. Harless	Food Service	Routine	Verbal
12	Foster's Freeze	993 SAN PABLO Ave	Pinole	22-Nov-10	T. Harless	Food Service	Routine	None
13	Green Lantern	1907 SAN PABLO Ave	Pinole	6-Apr-11	T. Harless	Food Service	Routine	None
14	Hawelii Indian Restaurant	2554 APPIAN Way	Pinole	7-Apr-11	T. Harless	Food Service	Routine	None
15	Hometown Buffet	1579 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
16	Hunan Villa Chinese Restaurant	632 SAN PABLO Ave A	Pinole	1-Apr-11	T. Harless	Food Service	Routine	None
17	Ice Cream Mania	1514 FITZGERALD	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
18	In-N-Out Burger	1417 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
19	Jack in the Box	2689 PINOLE VALLEY Road	Pinole	16-Nov-10	T. Harless	Food Service	Routine	None
20	New Deli	624 SAN PABLO Ave A	Pinole	1-Apr-11	T. Harless	Food Service	Routine	None
21	Noah's Bagels	1552 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
22	Ohana Hawaiian BBQ	1554 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
23	Outback Steak House	1361 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
24	Papa Murphy's Take 'n Bake Pizza	1502 FITZGERALD Drive A	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
25	Pizza Hut	1211 TARA HILLS Drive	Pinole	7-Apr-11	T. Harless	Food Service	Routine	None
26	Rickshaw Chinese Restaurant	1560 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
27	Ristorante Due Rose	1596 FITZGERALD	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
28	Round Table Pizza	1409 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
29	Sizzler Restaurant	1515 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
30	Starbucks Coffee #5260	1540 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
31	Subway Sandwiches #28855	1460 FITZGERALD Drive 102	Pinole	31-Mar-11	T. Harless	Food Service	Routine	None
32	Subway Sandwiches #25528	2768 Pinole Valley Road	Pinole	5-Apr-11	T. Harless	Food Service	Routine	None
33	Tachikawa Japanese Restaurant	632 SAN PABLO Ave	Pinole	1-Apr-11	T. Harless	Food Service	Routine	None

34	Taqueria Morena	2576 APPIAN Way	Pinole	7-Apr-11	T. Harless	Food Service	Routine	None
35	The Red Onion	2870 PINOLE VALLEY Road	Pinole	16-Nov-10	T. Harless	Food Service	Routine	Verbal
36	Togo's Eatery	1356 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
37	Wendy's Old Fashioned Hamburgers	1581 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Food Service	Routine	None
38	Yummy Gurt	2701 PINOLE VALLEY Road E	Pinole	16-Nov-10	T. Harless	Food Service	Routine	None
39	Ken Betts Chevron	2695 PINOLE VALLEY Road	Pinole	5-Apr-11	T. Harless	Gas Station	Routine	None
40	Major Line Gas CLOSED	1390 SAN PABLO Ave	Pinole	-	T. Harless	Gas Station	Routine	-
41	Pinole Express	2298 APPIAN Way	Pinole	7-Apr-11	T. Harless	Gas Station	Routine	None
42	Smart Stop	1007 SAN PABLO Ave	Pinole	6-Apr-11	T. Harless	Gas Station	Routine	None
43	Valero	2401 APPIAN Way	Pinole	31-Mar-11	T. Harless	Gas Station	Routine	None
44	Vista Shell	1401 FITZGERALD Drive	Pinole	31-Mar-11	T. Harless	Gas Station	Routine	None
45	Grocery Outlet	1460 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Grocery Store	Routine	None
46	Lucky's	1530 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Grocery Store	Routine	None
47	Pump House	700 TENNENT Ave	Pinole	6-Apr-11	T. Harless	Grocery Store	Routine	None
48	Trader Joe's	2742 PINOLE VALLEY Road	Pinole	5-Apr-11	T. Harless	Grocery Store	Routine	None
49	Valley Produce Market	1588 SAN PABLO Ave	Pinole	6-Apr-11	T. Harless	Grocery Store	Routine	None
50	Clemes & Clemes, Inc.	650 SAN PABLO Ave	Pinole	1-Apr-11	T. Harless	Manufacturing	Routine	None
51	Sugar City Building Materials, Inc.	800 SAN PABLO Ave	Pinole	10-May-11	T. Harless	Manufacturing	Routine	None
52	7-Eleven Stores	2869 PINOLE VALLEY Road	Pinole	1-Apr-11	T. Harless	Mini-Market	Routine	Verbal
53	Target	1400 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Retail	Routine	None
54	Walgreens	2750 PINOLE VALLEY Road	Pinole	5-Apr-11	T. Harless	Retail	Routine	None
55	99 cent Only Stores	620-G SAN PABLO Ave	Pinole	1-Apr-11	T. Harless	Retail	Routine	None
56	Accutech Auto	550 SAN PABLO Ave	Pinole	1-Apr-11	T. Harless	Vehicle Service	Routine	None
S	Crocketts Premier Auto Body	900 San Pablo Ave	Pinole	23-May-11	T. Harless	Vehicle Service	Routine	None
58	Dave's Auto Repair	720 SAN PABLO Ave A	Pinole	4-Apr-11	T. Harless	Vehicle Service	Routine	None
59	Goodyear Tire Center	1520 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Vehicle Service	Routine	None
60	Holleran's Performance CLOSED	720 SAN PABLO Ave F	Pinole	-	T. Harless	Vehicle Service	Routine	-
61	Integrity Muffler	730 SAN PABLO Ave 2	Pinole	4-Apr-11	T. Harless	Vehicle Service	Routine	None
62	Jim Dandy Muffler	636 SAN PABLO Ave	Pinole	23-May-11	T. Harless	Vehicle Service	Routine	None
63	Prof SMOG	730 SAN PABLO Ave 3	Pinole	4-Apr-11	T. Harless	Vehicle Service	Routine	None
64	Square Deal Garage	2500 SAN PABLO Ave	Pinole	23-May-11	T. Harless	Vehicle Service	Routine	None
65	Wheel Works	1251 TARA HILLS Drive	Pinole	7-Apr-11	T. Harless	Vehicle Service	Routine	None
66	Dolan Lumber	990 SAN PABLO Ave	Pinole	4-Apr-11	T. Harless	Hardware	Routine	None
67	Orchard Supply Hardware	1440 FITZGERALD Drive	Pinole	30-Mar-11	T. Harless	Hardware	Routine	None

New businesses will be inspected during fiscal year 2010-2011

Problem Facilities will be reinspected during fiscal year 2010-2011

Permit Facilities inspected yearly

Problem Pinole Stormwater Facilities For 2010-2011

Name	Address	City	InspDate	Inspector	ProgramCategory	Enforcement
The Red Onion	2870 PINOLE VALLEY Road	Pinole	16-Nov-10	T. Harless	Food Service	Verbal
The Red Onion			22-Nov-10	T. Harless		
The Embers	600 SAN PABLO Ave	Pinole	11-Jan-11	T. Harless	Food Service	Verbal
The Embers			20-Jan-11	T. Harless		
The Embers			1-Feb-11	T. Harless		
The Embers			18-Feb-11	T. Harless		
The Embers			25-Feb-11	T. Harless		
7-Eleven Store	2869 PINOLE VALLEY Road	Pinole	1-Apr-11	T. Harless	Mini-Market	Verbal
			26-Apr-11	T. Harless		
Property Management	720-730 SAN PABLO Ave	Pinole	4-Apr-11	T. Harless	Multi-units	Verbal
			26-Apr-11	T. Harless		

Comments
Tallow Bin 3/4 full - area needs to be dry cleaned
Area cleaned immediately and still clean at time of follow-up inspection
Talked to Shahla(Business Owner) about Trash and Cardboard Bins being improperly stored in parking lot and not in designed enclosure
Owner is looking at various options. Getting contractors to expand existing enclosure
Owner continuing to get pricing to expand enclosure and looking into various options
Owner unable to expand enclosure. Organized storage of wood for cooking and intalled trash bin in enclosure
Owner has contracted with another company to pick up cardboard on a daily basis. Cardboard bin removed from parking lot.
Excessive amount of trash in parking lot and landscape
Parking lot clean - Minor debri
Talked to Paul Tote, Manager, about the amount of trash in landscape. Will clean up immediately.
Landscape area clean



IPM Program

6/24/11

1.1. IPM PROGRAM PURPOSE

The purpose of this IPM Program is to establish the procedures, plans and actions for the an IPM program for the City of Pinole that will manage pests and vegetation on public lands, rights-of-ways, and bodies of water in an environmentally sensitive manner while addressing public health, safety, economic, legal, and aesthetic requirements. The IPM Program provides guidelines for pest management, which adhere to stormwater regulations, reduces pesticide use and in turn reduces pollution associated with pesticide run-off. This IPM Program applies to Building and Parks Maintenance staff plus contracted services, but not to residents or businesses within the City of Pinole. This IPM Program will suggest Best Management Practices (BMPs) to encourage IPM methods for private businesses and residents under Section 1.9 entitled 'Outreach to the Public'.

1.2. IPM STORMWATER PERMIT GUIDELINES

The City of Pinole current NPDES permit is the San Francisco Bay Region, Municipal Regional Stormwater NPDES Permit, No. CAS612008 Order Number R2-2009-0074, issued on October 14, 2009. Provision C.9 Pesticides Toxicity Control (Appendix A) states all Permittees shall prevent the impairment of urban streams by pesticide-related toxicity and implement a pesticide toxicity control program that addresses their own and others' use of pesticides within their jurisdiction that pose a threat to water quality and that have the potential to enter the municipal conveyance system. Provision C.9 also includes requirements such as adoption and implementation of an IPM Policy or Ordinance, training of municipal employees to implement IPM, tracking, and participation in regulatory processes for pesticides, interface with county agricultural commissioners, evaluating source control actions relating to pesticides, public outreach for pesticides, and outreach to pest control contractors.

The additional requirements of Provision C.9, such as tracking and participation in regulatory processes for pesticides, interfacing with county agricultural commissioners, and public outreach for pesticides will be done in conjunction with the Contra Costa Clean Water Program.

This IPM Program will incorporate all current IPM requirements in the MRP.

1.3. IPM POLICY

The IPM policy included herein as Appendix “B” serves as a guideline to implement this IPM program. The City of Pinole IPM policy has been written and reviewed by the appropriate municipal authorities and approved by the City Engineer/Public Works Director who is responsible for adopting and implementing the main components of the IPM program-

1.4. ROLES AND RESPONSIBILITIES

In order to establish an effective IPM program, individual tasks are delegated to City of Pinole staff representatives who are responsible for implementing the main components of an IPM program. The following are the designated municipal staff to oversee the IPM program:

- Public Works Director/City Engineer
- Stormwater Program Coordinator/IPM Coordinator

The Public Works Director/City Engineer shall be responsible for:

1. Ensuring that department procedures, budget and staffing decisions support implementation of the IPM program;
2. Providing training to building and grounds management staff in the requirements of the IPM program;
3. Selecting an IPM Committee to include representatives that use pesticides;
4. Designating an IPM Coordinator to ensure products used by the Department meet the standards outlined in the IPM program and represents the Department on the IPM Committee; and,

5. At least annually and in conjunction with the IPM Coordinator, report to the City Manager and/or City Council on the Department's implementation of the IPM program.

The Stormwater Program Coordinator/IPM Coordinator shall be responsible for:

1. Coordinating efforts to adopt IPM techniques;
2. Communicating with all staff on the goals and guidelines of the program;
3. Coordinating training programs for staff;
4. Facilitating meetings with the IPM Committee;
5. Tracking all pesticide use and ensuring that the information if available to the public;

1.5. PESTICIDE SELECTION AND APPROVAL

The IPM Coordinator will make product recommendations based on a tiered risk assessment of pesticides. The IPM Coordinator will develop this tiered risk assessment of pesticides. A prioritized list of products will be developed to identify products that may be targeted for future phase-out based on review of the product's contents, precautions, need for the product, and adverse health and environmental effects. The list shall be submitted as part of the annual report. The list may be used if determined appropriate by the IPM Coordinator in compliance with the emergency exemption process (see Section 1.5.d).

Criteria for developing the product list shall be based on acute and chronic toxicity of products and chemicals known to cause cancer and known to cause reproductive toxicity. Environmental impacts of the products shall also be considered. Pesticides listed in C.9 as pesticides of concern will go through a more rigorous process for use and approval than pesticides that are not on the approved list but are not considered pesticides of concern by the Water Board.

Products on the Tiered Product List will be divided into three classifications:

- Approved Use
- Limited Use
- Banned Use

If the use of a material that is not on the Approved Use or Limited Use tier list is deemed necessary, the IPM Coordinator may grant an emergency exemption (see Section 1.5.d).

a. Approved Use Products

The first tier classification of pesticides is the Approved Use Product tier. These pesticides have been approved for use by the IPM Coordinator, along with any restrictions for such use. The Approved Use Products list shall include but are not limited to:

- Insecticides, rodenticide baits and traps
- Caulking agents and crack sealants
- Borates, silicates, and diatomaceous earth
- Soap-based products
- Natural products on the FIFRA's 23(b) list (40 DFR part 152.25 (g)(1))¹
- Natural products on the California Certified Organic Farmers' organic list
- EPA GRAS-generally recognized as safe products pursuant to Federal EPA
- Cryogenics, electronic products, heat and light
- Biological controls such as parasites and predators
- Physical barriers

¹ In 1996, EPA exempted certain minimum risk pesticides from FIFRA requirements if they satisfy certain conditions. EPA exempted the products described in 40 CFR section 152.25(g) in part to reduce the cost and regulatory burdens on businesses as well as the public for pesticides posing little or no risk, and to focus EPA's limited resources on pesticides which pose greater risk to humans and the environment. This exemption provision is located in section 152.25(g) of Title 40 of the Code of Federal Regulations.

- Sluggo
- Pheromones and attractants for traps

b. Limited Use Products

The IPM Coordinator may grant a request that particular pesticides not classified as the Approved Use be approved for a specific purpose. Limited use products may not be a pesticide on the Banned Use Product. The request to use a product on the Limited Use list must be reviewed and approved by the IPM Committee. The IPM Committee may grant a limited use exemption upon a finding that the requestor has:

1. Identified a compelling need to use the pesticide.
2. Made a good faith effort to find alternatives to the particular pesticide.
3. Demonstrated that effective, economic alternatives to the particular pesticide do not exist for the particular use.
4. Developed a reasonable plan for investigating alternatives to the pesticide in question during the exemption period.

c. Banned Use Products

The following high health-risk pest management products are completely banned from use in Contra Costa:

1. Pesticides linked to cancer (US EPA Class A, B and C carcinogens and chemicals known to the State of California to cause cancer under Proposition 65).
2. Pesticides that cause birth defects, reproductive, or development harm (identified by the US EPA or known to the State of California under Proposition 65 as reproductive or development toxins).

3. Pesticides classified as Toxicity Category I and II pesticide products by the US EPA, (carbonate, and organophosphate pesticides).
4. Foggers, bombs, fumigants, or sprays that contain pesticides identified by the State of California as potentially hazardous to human health (CFR 6198.5).
5. Pesticides that interfere with human hormones.

d. Emergency Exemption

The Building or Parks Maintenance staff may apply to the IPM Coordinator for an emergency exemption to use a Banned Use product in the event that an emergency pest outbreak poses an immediate threat to public health or significant economic damage will result from failure to use a pesticide. The IPM Coordinator will have a list of products phased out from prior use based on their product tier system.

1.6. PESTICIDE APPLICATOR/IPM PROVIDER SELECTION AND APPROVAL

The City of Pinole will implement a process to ensure that any contractor employed to conduct pest control and pesticide application on municipal property engages in pest control methods consistent with this IPM program. Contractors will be required to follow the agency's IPM policy, SOPs, and BMPs; provide evidence to the City of Pinole of having received training on current IPM techniques when feasible; and, provide documentation of pesticide use on agency property to the agency in a timely manner. In the process of hiring a contractor for IPM, the contractor may be required to provide a statement of qualifications for IPM services. In addition, the contractor shall submit to the City of Pinole an IPM implementation plan that includes:

- Types and estimated quantities of pesticides that the contractor may need to apply to during it's the contracted work;
- Outline actions the contractor will take to meet the IPM program to the maximum extent practicable; and
- Identify the primary IPM contact for the contractor.

The City of Pinole shall require IPM certification from an approved IPM program such as Ecowise for structural pesticide application, Bay Friendly for landscape pesticide application, or another program approved by the Regional Board. In addition, the contractor will sign a contract for pesticide application services that includes the IPM implementation plan detailed above that has been approved by the City of Pinole and contractor prior to start of application services. A model contract for IPM services has been included in this document as Appendix "C."

A contractor, or department/operating unit on behalf of a contractor, may apply for any material application exemption authorized under the exemptions section 1.5.d of this IPM program.

1.7. IPM APPLICATION

Only persons specifically appointed by the IPM Coordinator as Pesticide Applicators will be permitted to use pesticides on municipal facilities. Use of pesticides by pesticide applicators is limited to Approved Use and Limited Use Products. Pesticide applicators must follow regulations and label precautions.

Pesticide applicators and municipal employees that could potentially be exposed to pesticides will receive IPM training and hazard materials training for the safe use of pesticides and other grounds maintenance hazardous materials in the workplace by their supervisor or designee. As each municipal IPM program is updated and its objectives reviewed, the program staff will be trained accordingly to understand the program's periodic changes. Education will include formal

classroom training, on-site informal meetings for those employees responsible for providing pest control at least once per year. No pesticides may be used at facilities except in accordance with this IPM Program.

1.8. EDUCATION AND TRAINING

All staff associated with planning, design, construction and maintenance of buildings and landscapes shall receive an orientation to this IPM program and their roles and responsibilities in implementing it in a written or verbal format.

All municipal employees who handle pesticides should be familiar with the most recent material safety data sheet (MSDS) files.

The IPM Coordinator will be responsible for coordinating training events for all pesticide applicators and municipal staff involved with buildings and grounds maintenance. IPM training may be coordinated through the Contra Costa Clean Water Program or other through regional efforts with other Bay Area Stormwater Agencies Association (BASMAA) members. The IPM Coordinator shall invite speakers and arrange for other educational opportunities to assist implementing the IPM program each year. The IPM Coordinator shall inform employees on Department policies and procedures relevant to this IPM Program and keep staff current with best landscape-management practices and technologies that utilize IPM. Employee shall also be involved in identifying and implementing strategies to minimize the use of pesticides and in evaluating replacements for chemicals targeted for phase-out.

Each department that uses pesticides shall keep records of all pest management activities (see Appendix D).

1.9. OUTREACH TO THE PUBLIC

The MRP requirements for public outreach include point of purchase outreach (outreach to consumers at the point of purchase), outreach to residents who use

or contract for structural or landscape pest control, and outreach to pest control operators and landscapers. These outreach activities can be coordinated through the Contra Costa Clean Water Program and other members of BASMAA.

1.10. STRUCTURAL IPM

Structural maintenance includes the management of pests in and around building structures such as office complexes, libraries, correctional facilities, hospitals, schools, yards, animal shelters etc. Pest management in and around buildings typically involve a combination of chemical (insecticide) application and/or mechanical methods of removing pests. All of these maintenance practices have the potential to harm the environment and human health.

The common pest concerns for buildings include ants, rodents, spiders, and other organisms. These organisms usually enter buildings for shelter and food but are unwanted near human inhabitants.

The City of Pinole will assess the current pest problems in and around their public buildings to develop a site-specific pesticide and grounds maintenance plan for all public sites as needed. These plans will include a management strategy for pests incorporating IPM practices for inside and outside all public buildings.

Many of the IPM protocols for removing such organisms from buildings involve prevention strategies.

1.11. LANDSCAPE IPM

Landscape maintenance includes the management of pest in and around medians, rights of ways, airports, parks, plazas, open space, creek areas, country clubs, gardens, and golf courses. Landscape maintenance activities include vegetation removal; herbicide and insecticide application; fertilizer

application; watering; and other gardening and lawn and landscape care practices. Vegetation control typically involves a combination of chemical (herbicide) application and mechanical methods. All of these maintenance practices have the potential to contribute pollutants to the storm drain system.

The common pest concerns for landscape and turf include noxious weeds, rodents, ground squirrels, and other invasive animals that destroy the health of the landscaping.

The major objectives of this BMP are to minimize the discharge of pesticides, herbicides, and fertilizers to the storm drain system and receiving waters; prevent the disposal of landscape waste into the storm drain system by collecting and properly disposing of clippings and cuttings, and educating employees and the public.

Many of the IPM protocols for turf and landscape management include:

- Protection of the storm drain system from contaminated runoff;
- Proper disposal of removed vegetation;
- Smart irrigation management to control runoff from overwatering;
- Manual weeding rather than use of chemicals/herbicides;
- Manual removal of pests of vegetation (i.e. birds, insects, etc.);
- Composting and mulching practices;
- Alternative landscaping other than turf;
- Alternative fertilization practices and products;
- Erosion control;
- Planting of native, drought resistant plants;
- Reducing pesticide/herbicide/insecticide use;

- Removal and replacement of plants laden with bacteria, parasites, and fungi;
- Prevention practices to ward off pests from landscaped areas;
- Promoting beneficial organisms to feed on pests;
- Understanding of current pests problems that exist rather than relying on a preventative schedule of applying chemicals;
- Testing of soils for proper additive application;
- Education of employees on IPM methods and inspection of contracted employees for IPM practices; and,
- Documentation and monitoring of all pesticide use.

Section 2. References

King County Stormwater Pollution Control Manual. Best Management Practices for Businesses. 1995. King County Surface Water Management. July. On-line:

<http://dnr.metroke.gov/wlr/dss/spcm.htm>

Los Angeles County Stormwater Quality Model Programs. Public Agency Activities:

http://ladpw.org/wbmd/npdes/model_links.cfm

Model Urban Runoff Program: A How-To Guide for Developing Urban Runoff Programs for Small Municipalities. Prepared by City of Monterey, City of Santa Cruz, California Coastal Commission, Monterey Bay National Marine Sanctuary, Association of Monterey Bay Area Governments, Woodward-Clyde, Central Coast Regional Water Quality Control Board. July. 1998.

Orange County Stormwater Program:

http://www.ocwatersheds.com/StormWater/swp_introduction.asp

Santa Clara Valley Urban Runoff Pollution Prevention Program. 1997 Urban Runoff Management Plan. September 1997, updated 2000.

United States Environmental Protection Agency (USEPA). 2002. Pollution Prevention/Good Housekeeping for Municipal Operations Landscaping and Lawn Care. Office of Water. Office of Wastewater Management. On-line:

http://www.epa.gov/npdes/menuofbmpps/poll_8.htm

California's Nonpoint Source Program Plan: <http://www.swrcb.ca.gov/nps/index.html>

King's County: <ftp://dnr.metrokc.gov/elr/dss/spcm/Chapter%203.pdf>

Orange County Stormwater Program:

http://www.ocwatersheds.com/StormWater/smp_introduction.asp

Mobile Cleaners Pilot Program: Final Report. 1997. Bay Area Stormwater Management Agencies Association (BASMAA): <http://www.basmaa.org/>

Pollution from Surface Cleaning Folder. 1996. Bay Area Stormwater Management Agencies Association (BASMAA): <http://www.basmaa.org/>

San Diego Stormwater Co-permittees Jurisdictional Urban Runoff Management Program

(URMP): <http://www.projectcleanwater.org/pdf/Model%20Program%20Municipal%20Facilities.pdf>

C.9. Pesticides Toxicity Control

To prevent the impairment of urban streams by pesticide-related toxicity, the Permittees shall implement a pesticide toxicity control program that addresses their own and others' use of pesticides within their jurisdictions that pose a threat to water quality and that have the potential to enter the municipal conveyance system. This provision implements requirements of the TMDL for Diazinon and Pesticide related Toxicity for Urban Creeks in the region. The TMDL includes urban runoff allocations for Diazinon of 100 ng/l and for pesticide related toxicity of 1.0 Acute Toxicity Units (TUa) and 1.0 Chronic Toxicity Units (TUc) to be met in urban creek waters. However, urban runoff management agencies (i.e., the Permittees) are not solely responsible for attaining the allocations because their authority to regulate pesticide use is constrained by federal and State law. Accordingly, the Permittees' requirements for addressing the allocations are set forth in the TMDL implementation plan and are included in this provision.

Pesticides of concern include: organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil. The Permittees may coordinate with BASMAA, the Urban Pesticide Pollution Prevention Project, the Urban Pesticide Committee, the Bay-Friendly Landscaping and Gardening Coalition, and other agencies and organizations in carrying out these activities.

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

- i. **Task Description** – In their IPM policies or ordinances, the Permittees shall include provisions to minimize reliance on pesticides that threaten water quality and to require the use of IPM in municipal operations and on municipal property.
- ii. **Implementation Level** – If not already in place, the Permittees shall adopt IPM policies or ordinances no later than July 1, 2010.
- iii. **Reporting** – The Permittees shall submit a copy of their IPM ordinance(s) or policy(s) in their 2010 Annual Report.

C.9.b. Implement IPM Policy or Ordinance

- i. **Task Description** – The Permittees shall establish written standard operating procedures for pesticide use that ensure implementation of the IPM policy or ordinance and require municipal employees and contractors to adhere to the IPM standard operating procedures.
- ii. **Reporting**
 - (1) In their Annual Reports, the Permittees shall report on IPM implementation by showing trends in quantities and types of pesticide used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil.

- (2) The Permittees shall maintain pesticide application standard operating procedures and submit them upon request.

C.9.c. Train Municipal Employees

- i. Task Description** – The Permittees shall ensure that all municipal employees who, within the scope of their duties, apply or use pesticides that threaten water quality are trained in IPM practices and the Permittee’s IPM policy. This training may also include other training opportunities such as Bay-Friendly Landscape Maintenance Training & Qualification Program and EcoWise Certified.
- ii. Reporting**
 - (1) In their Annual Reports, the Permittees shall report the percentage of municipal employees who apply pesticides who have received training in IPM policy and IPM standard operating procedures within the last three years.
 - (2) The Permittees shall submit training materials (e.g., course outline, date, attendees) upon request.

C.9.d. Require Contractors to Implement IPM

- i. Task Description** – The Permittees shall hire IPM-certified contractors or include contract specifications requiring contractors to implement IPM no later than July 1, 2010.
- ii. Reporting** – In their Annual Reports, the Permittees shall submit documentation to confirm compliance, such as the Permittee’s standard contract specification or copy of contractors’ certification(s).

C.9.e. Track and Participate in Relevant Regulatory Processes (may be done jointly with other Permittees, such as through CASQA or BASMAA and/or the Urban Pesticide Pollution Prevention Project)

- i. Task Description**
 - (1) The Permittees shall track USEPA pesticide evaluation and registration activities as they relate to surface water quality, and when necessary, encourage USEPA to coordinate implementation of the Federal Insecticide, Fungicide, and Rodenticide Act and the CWA and to accommodate water quality concerns within its pesticide registration process;
 - (2) The Permittees shall track California Department of Pesticide Regulation (DPR) pesticide evaluation activities as they relate to surface water quality, and when necessary, encourage DPR to coordinate implementation of the California Food and Agriculture Code with the California Water Code and to accommodate water quality concerns within its pesticide evaluation process;
 - (3) The Permittees shall assemble and submit information (such as monitoring data) as needed to assist DPR and County Agricultural Commissioners in

ensuring that pesticide applications comply with water quality standards;
and

- (4) As appropriate, the Permittees shall submit comment letters on USEPA and DPR re-registration, re-evaluation, and other actions relating to pesticides of concern for water quality.

- ii. **Reporting** – In their Annual Reports, the Permittees who participate in a regional effort to comply with C.9.e. may reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected. All other Permittees shall list their specific participation efforts, information submitted, and how regulatory actions were affected.

C.9.f. Interface with County Agricultural Commissioners

- i. **Task Description** – The Permittees shall maintain regular communications with county agricultural commissioners (or other appropriate State and/or local agencies) to (1) get input and assistance on urban pest management practices and use of pesticides, (2) inform them of water quality issues related to pesticides, and (3) report violations of pesticide regulations (e.g., illegal handling) associated with stormwater management.
- ii. **Reporting** – In their Annual Reports, the Permittees shall summarize improper pesticide usage reported to county agricultural commissioners and report follow-up actions to correct violations.

C.9.g. Evaluate Implementation of Source Control Actions Relating to Pesticides

- i. **Task Description** – The Permittees shall evaluate the effectiveness of the control measures implemented, evaluate attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.), and identify improvements to existing control measures and/or additional control measures, if needed, to attain targets with an implementation time schedule.
- ii. **Reporting** – In their 2013 Annual Reports, the Permittees shall report the evaluation results, and if needed, submit a plan to implement improved and/or new control measures.

C.9.h. Public Outreach (may be done jointly with other Permittees, such as through CASQA or BASMAA and/or the Urban Pesticide Pollution Prevention Project or the Bay-Friendly Landscaping and Gardening Coalition).

- i. **Point of Purchase Outreach:** The Permittees shall:
 - (1) Conduct outreach to consumers at the point of purchase;
 - (2) Provide targeted information on proper pesticide use and disposal, potential adverse impacts on water quality, and less toxic methods of pest prevention and control; and

- (3) Participate in and provide resources for the “Our Water, Our World” program or a functionally equivalent pesticide use reduction outreach program.
- ii. **Reporting** – In their Annual Reports, the Permittees who participate in a regional effort to comply with C.9.h.i. may reference a report that summarizes these actions. All other Permittees shall summarize activities completed and document any measurable awareness and behavior changes resulting from outreach.
- iii. **Pest Control Contracting Outreach:** The Permittees shall conduct outreach to residents who use or contract for structural or landscape pest control and shall:
 - (1) Provide targeted information on proper pesticide use and disposal, potential adverse impacts on water quality, and less toxic methods of pest prevention and control, including IPM;
 - (2) Incorporate IPM messages into general outreach;
 - (3) Provide information to residents about “Our Water, Our World” or functionally equivalent program;
 - (4) Provide information to residents about EcoWise Certified IPM certification in Structural Pest Management, or functionally equivalent certification program; and
 - (5) Coordinate with household hazardous-waste programs to facilitate appropriate pesticide waste disposal, conduct education and outreach, and promote appropriate disposal.
- iv. **Reporting** – In their 2013 Annual Reports, the Permittees who participate in a regional effort to comply with C.9.h.iii. may reference a report that summarizes these actions. All other Permittees shall document the effectiveness of their actions in their 2013 Annual Reports. This documentation may include percentages of residents hiring certified IPM providers and the change in this percentage.
- v. **Outreach to Pest Control Operators:** The Permittees shall conduct outreach to pest control operators (PCOs) and landscapers; Permittees are encouraged to work with DPR, county agricultural commissioners, UC-IPM, BASMAA, the Urban Pesticide Committee, the EcoWise Certified Program (or functionally equivalent certification program), the Bio-integral Resource Center and others to promote IPM to PCOs and landscapers.
- vi. **Reporting** – In each Annual Report, the Permittees who participate in a regional effort to comply with C.9.h.v. may reference a report that summarizes these actions. All other Permittees shall summarize how they reached PCOs and landscapers and reduced pesticide use.

Appendix B. IPM Policy

IPM Standard Operating Procedures for the City of Pinole

The following are standard operating procedures for **City of Pinole** for IPM related activities within the **City of Pinole's** jurisdiction. These procedures include all Municipal Regional Permit (MRP) stormwater requirements under Provision C.9, Pesticides Toxicity Control (please Attachment A for specific requirements in the MRP). The **City of Pinole** and the Contra Costa Clean Water Program work in conjunction to track and participation in regulatory processes, interface with county agricultural commissioners, and conduct public outreach. For guidelines regarding the **City of Pinole's** IPM program please refer to Attachment B, the **City of Pinole** IPM Policy. The staff person or IPM Coordinator responsible for implementing, overseeing, reviewing and updating, and reporting the IPM program is Rich Ariza, Manager of Public Works and their number is **510-724-8947**

IPM Standard Operating Procedures

Pesticide Use

Pesticide use within the **City of Pinole** is determined by a risk assessment of each pest situation. Each risk assessment includes analysis of what pest is causing the damage (e.g., weed, insect, rodent, etc.), use of non-chemical pest control methods, monitoring of control of pests through non-chemical methods, then application of pesticides as a last resort. Pesticides used by the **City of Pinole** are selected based on risk assessment of the human health and environmental effects of the chemical selected.

Approved List of Pesticides

The **City of Pinole** will develop and maintain a list of approved pesticides. Criteria for developing the pesticide list is based on acute and chronic toxicity of products, chemicals known to cause cancer and known to cause reproductive toxicity, and environmental impacts of the products are also considered. Pesticides of concern listed in C.9 of the MRP will go through a more rigorous process for approval. Each pesticide used is monitored and recorded using a pesticide management database (see Attachment C).

Pesticide Applicators

All pesticide applicators and IPM providers shall have IPM training and certification as required by the MRP. All IPM contractors Shall be IPM-certified or have IPM language in

their contracts as required by the MRP. An example contract with IPM language is provided as Attachment D. All IPM providers are required to follow these standard operating procedures as well the **City of Pinole** IPM Policy.

IPM Training

All pesticide applicators will be trained in IPM. IPM training may include local, countywide, or regional efforts. All staff associated with planning, design, construction, and maintenance of buildings and landscaping shall receive an orientation to these standards operating procedures and their roles and responsibilities in implementing IPM within their work duties.

IPM Outreach

Pesticide application information will be provided to the public upon request. Public outreach for IPM includes point of purchase outreach and contractor outreach by the Bay Area Stormwater Management Agencies Association (BASMAA) as required by the MRP.

Reporting

A copy of the City of Pinole's IPM policy shall be made available on request. Trends in quantities and types of pesticides used shall be reported in the annual report, as well as reasons for any increases. The annual report shall also include the percentage of the City of Pinole employees who apply pesticides that have been trained in IPM. For any contractor who applies pesticides, a copy of their contract specification or certification shall also be included in the annual report. For regional regulatory, interface or outreach efforts, the City of Pinole may reference those regional reports.

Appendix C. Example of Pesticide Applicator Contract

**Structural Integrated Pest Management Program:
Contract Specifications for INSERT YOUR FACILITY NAME HERE**

*(Draft September 8, 2006, developed by the IPM Institute from a model authored by Dr. Albert Greene,
U.S. General Services Agency)*

Premises covered by this specification:

1. _____
2. _____
3. _____
4. _____
5. _____

(Attach additional list if necessary)

1. GENERAL

- A. Description of Program: This specification is part of a comprehensive Integrated Pest Management (IPM) program for the premises listed above. IPM is a process for achieving long-term, environmentally sound pest suppression and prevention through the use of a wide variety of technological and management practices. Control strategies in an IPM program include:
- Structural and procedural modifications to reduce food, water, harborage and access used by pests.
 - Non-pesticide technologies such as trapping and monitoring devices.
 - Coordination among all facilities management programs that have a bearing on the pest control effort.
 - As a last resort, pesticide compounds, formulations and application methods that present the lowest potential hazard to humans and the environment.
- B. IPM Service Requirements: The Service Provider shall furnish all supervision, labor, materials, and equipment necessary to accomplish the monitoring, trapping, pesticide application, pest removal and pest prevention components of this IPM program. Any deviations from this program must be approved by the Chief Operating Officer (COO).

2. PESTS INCLUDED

The Service Provider shall adequately suppress all pest species that have the potential to affect public health, impede operations or damage property, including but not limited to:

- Indoor populations and invading individuals of rodents, insects, arachnids, and other arthropods.
 - Outdoor populations of potentially indoor-infesting species that are within the property boundaries of the specified buildings.
 - Nests of stinging insects within the property boundaries of the specified buildings.
 - Termites and other wood-destroying organisms.
 - Birds, bats, small mammals, and all other vertebrates.
-

- Mosquitoes.

3. PEST CONTROL PERSONNEL

Throughout the term of this contract, all personnel providing on-site pest control service must maintain certification as commercial pesticide applicators in the appropriate categories for the facilities listed above. Uncertified individuals working under the supervision of a certified applicator will not be permitted to provide service under this contract.

4. SERVICE PROVIDER IPM PLAN

The Service Provider shall submit to the COO an IPM Plan at least five (5) working days prior to the starting date of the contract. If aspects of the Plan are incomplete or disapproved by the COO, the Contractor shall have two (2) working days to submit revisions. The IPM Plan shall consist of three parts as follows:

- A. Pesticide Labels and MSD Sheets: The Service Provider shall provide current Labels and Material Safety Data Sheets for all pesticides that will potentially be used in the pest control program.
- B. Service Schedule(s): The Service Provider shall provide a schedule of routine pest control inspections for each building serviced under this contract, including frequencies of inspections, areas at each facility to be given special attention (e.g., food storage, preparation and serving areas; washrooms; custodial closets; mechanical rooms; entryways) and specific day(s) of the week on which the inspections will be performed.
- C. Commercial Pesticide Applicator Licenses and Certificates: The Service Provider shall provide a photocopy of the State-issued Commercial Pesticide Applicator License for every Contractor performing on-site pest control service under this contract, and a photocopy of the State-issued Commercial Pesticide Applicator Certificate for every pest management professional (PMP) performing on-site pest control service.

The Service Provider shall receive the approval of the COO prior to implementing any subsequent changes to the approved Service Provider IPM Plan, including additional or replacement pest control products. The Service Provider will review and update the Service Provider IPM Plan annually, including updating MSDS/labels as needed.

4. RECORD KEEPING

The Service Provider shall be responsible for maintaining an IPM logbook or file for each building specified in this contract. These records shall be kept on-site and maintained on each visit by the PMP performing pest control service. Each logbook or file shall contain at least the following items:

- A. IPM Plan: A copy of the Service Provider's approved IPM Plan, including pesticide Labels and MSDS sheets for all pesticides that will be potentially used in the building, service schedule for routine pest control inspections, and photocopies of the relevant Commercial Pesticide Applicator Licenses and Certificates.
- B. Building Occupant Log Form: These forms will be used to advise the Service Provider of routine service requests and pest sightings by building occupants.
- C. Service Provider's Report Forms: Customer copies of the Service Provider's signed and dated Service Report Form, documenting all information on services provided including pesticide applications required by State and local statute. This form must also indicate any recommendations made by the Service Provider for additional action advisable by the customer, e.g., structural or plumbing repairs required to limit pest access to the building or to food and water resources; improvements in sanitation, etc. A copy of this form must also be provided to the COO within one week of the service.

- D. Service Provider Products and Devices: All bait stations, snap traps and glue boards or other devices left behind by the Service Provider are to be dated, numbered and listed on the Service Provider Report Form and checked on each subsequent visit until removed. All such devices shall be removed when full, dirty and no longer effective, or no longer needed.

5. MANNER AND TIME TO CONDUCT SERVICE

- A. Time Frame of Service Visits: Frequent and complete communication between the Service Provider and the facility manager is critical for a successful outcome. Routine pest control services that do not adversely affect staff or patient health or productivity shall be performed during the regular building hours of operation. When it is necessary to perform work outside of the regularly scheduled service time set forth in the Service Provider IPM Plan, the Contractor shall notify the COO and/or facility manager at least one day in advance.
- B. Safety and Health: All pest control work shall be in strict accordance with all applicable Federal, State, and local safety and health requirements. Where there is a conflict between applicable regulations, the most stringent will apply.
- C. Special Entrance: Certain areas within some buildings may require special instructions for persons entering them. Any restrictions associated with these special areas will be explained by the COO. The Service Provider shall adhere to these restrictions and incorporate them into the Service Provider IPM Plan.
- E. Uniforms: All Service Provider representatives working in or around the buildings specified in this contract shall wear distinctive uniforms identifying the name of their employer.
- F. Vehicles: Vehicles used by the Service Provider shall be identified in accordance with State and local regulations.

6. SPECIAL REQUESTS AND EMERGENCY SERVICE

On occasion, the COO may request that the Service Provider perform corrective, special or emergency service(s) that are beyond routine service requests such as removal of a stinging insect nest. The Service Provider shall respond to these exceptional circumstances and complete the necessary work within twenty-four (24) hours after receipt of the request.

7. INSECT CONTROL

- A. Emphasis on Non-Pesticide Methods: Non-pesticide methods of control shall be used wherever possible. For example:
1. Portable vacuums rather than pesticide sprays shall be the standard method for initial cleanouts of cockroach infestations, for swarming (winged) ants and termites, and for control of spiders in webs.
 2. Trapping devices rather than pesticide sprays shall be the standard method for indoor fly control.
- B. Application of Insecticides to Cracks and Crevices: As a general rule, all insecticides shall be applied as "crack and crevice" treatments only, defined in this contract as treatments in which the formulated insecticide is not visible to a bystander or accessible to children during or after the application process.
- C. Application of Insecticides to Exposed Surfaces or as Space Sprays: Application of insecticides to exposed surfaces or as space sprays ("fogging") shall be restricted to exceptional circumstances where no alternative measures are practical. The Service Provider

shall obtain approval of the COO prior to any application of insecticide to an exposed surface or any space spray treatment. No surface application or space spray shall be made while staff, patients or visitors are present. The Service Provider shall take all necessary precautions to ensure staff, patient and visitor safety, and all necessary steps to ensure the containment of the pesticide to the site of application.

- D. Insecticide Bait Formulations: Bait formulations shall be the standard pesticide technology for cockroach and ant control, with alternate formulations restricted to unique situations where baits are not practical.
- E. Monitoring: Sticky traps shall be used to guide and evaluate indoor insect control efforts wherever necessary.

8. RODENT CONTROL

- A. Indoor Trapping: As a general rule, rodent control inside buildings shall be accomplished with trapping devices only. All such devices shall be concealed out of the general view and in protected areas so as not to be affected by routine cleaning and other operations. Trapping devices shall be checked on a schedule approved by the COO. The Service Provider shall be responsible for disposing of all trapped rodents and all rodent carcasses in an appropriate manner.
- B. Use of Rodenticides: In exceptional circumstances, when rodenticides are deemed essential for adequate rodent control inside buildings, the Service Provider shall obtain approval of the COO prior to making any interior rodenticide treatment. All rodenticides, regardless of packaging, shall be placed either in locations not accessible to children, pets, wildlife and domestic animals, or in EPA-approved tamper-resistant bait boxes. As a general rule, rodenticide application outside buildings shall emphasize the direct treatment of rodent burrows wherever feasible.
- C. Use of Bait Boxes: All bait boxes shall be maintained in accordance with EPA regulations, with an emphasis on the safety of non-target organisms. The Service Provider shall adhere to the following five points:
 - 1. All bait boxes shall be placed out of the general view, in locations where they will not be disturbed by routine operations.
 - 2. The lids of all bait boxes shall be securely locked or fastened shut.
 - 3. All bait boxes shall be securely attached or anchored to floor, ground, wall, or other immovable surface, so that the box cannot be picked up or moved.
 - 4. Bait shall always be secured in the feeding chamber of the box and never placed in the runway or entryways of the box.
 - 5. All bait boxes shall be labeled on the inside with the Service Provider's business name and address, and dated by the Service Provider at the time of installation and each servicing.

10. USE OF PESTICIDES

The Service Provider shall be responsible for application of pesticides according to the label and all applicable regulations. All pesticides must be registered with the U.S. Environmental Protection Agency (EPA), State and /or local jurisdiction unless prior approval is given by the COO. Transport, handling, and use of all pesticides shall be in strict accordance with the manufacturer's label instructions and all applicable Federal, state, and local laws and regulations.

The Service Provider shall adhere to the following rules for pesticide use:

- A. Rentry Time, Posting and Notification: Pesticides may not be applied where staff, patients or visitors will be present within seven hours after the application. At least seventy-two hours prior to a pesticide application, the Service Provider shall post an 8 ½ x 11" pest control information sign both at the site of the application and near the facility reception area where it will be seen by visitors entering the facility. This posting shall include the date, time and location of the application, the product applied, potential adverse effects from the Material Safety Data Sheet (MSDS) and the pesticide label, and include the Service Provider name, address and telephone. Service Provider shall also provide this information to the facility director who will use this information to notify staff and patients who have requested notification. Emergency applications, where pests pose an immediate threat to the health and safety of patients, visitors or employees, disinfectants, anti-microbials and self-contained or gel-type pesticide baits applied in inaccessible areas are exempt from posting, notification and the 7-hour reentry requirement.
- B. Approved Products: No pesticide product shall be applied that has not been included in the Service Provider IPM Plan or approved in writing by the COO.
- C. Pesticide Storage: The Service Provider shall not store any pesticide product in the buildings specified in this contract.
- D. Application by Need: Pesticide application shall be according to need and not by schedule. As a general rule, application of pesticides in any inside or outside area shall not occur unless visual inspection or monitoring devices indicate the presence of pests in that specific area, and only after all non-toxic means have been exhausted and shown to be unsuccessful. Requests for preventive pesticide treatments in areas where surveillance indicates a potential insect or rodent infestation will be evaluated by the COO on a case-by-case basis. Written approval must be granted by the COO prior to any preventive pesticide application.
- E. Minimization of Risk: When pesticide use is necessary, as a last resort the Service Provider shall employ the least hazardous material, most precise application technique and minimum quantity of pesticide necessary to achieve control.

11. SUMMARY

Service Provider agrees to the following:

- ___ 1. Review the INSERT YOUR FACILITY NAME HERE IPM Policy, IPM Plan and Contractions Specifications and discuss any deviations from these documents with the COO.
- ___ 2. Provide training for all employees serving facilities consistent with the INSERT YOUR FACILITY NAME HERE IPM Policy, IPM Plan and Contract Specifications.
- ___ 3. Provide a Service Provider IPM Plan including MSDS, labels, inspection schedule and applicator certifications and licenses to the COO for approval at least five days before the contract start date. Update the Service Provider IPM Plan annually.
- ___ 4. Provide a binder for each facility serviced including the IPM Plan, a pest sightings log and a section for service records.
- ___ 5. Provide service consistent with the INSERT YOUR FACILITY NAME HERE IPM Policy, Plan and Specifications, and obtain written approval from the COO before deviating from these documents.

CONTRACT ATTACHMENT A. PRE-APPROVED PEST CONTROL PRODUCT LIST

The following products may be used with justification and according to the specifications above:

NOTE TO USER: THE IPM INSTITUTE CAN HELP YOU PUT THIS LIST TOGETHER, CONTACT US FOR MORE INFORMATION.

Appendix D. Pest Management Record

Pest Management Record

Location	Supervisor	Month	Year
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Target Pest	Type/Quality of Pesticide used	Location of application	Date of pesticide application	Equipment used	Alternative methods used	Application exemptions	Personnel Time/Hours	Comments
[Redacted]								
[Redacted]								
[Redacted]								
[Redacted]								

Appendix E. Resources

www.stopwaste.org or 510-444-SOIL

UCCE Cooperative Extension Alameda 1131 Harbor Bay Parkway, Suite 131 Alameda CA 94502

Alameda County Master Gardener Program 510-639-1275 <http://acmg.ucdavis.edu>

Useful Gardening Websites:

Pests, Diseases, and Weeds:

www.ipm.ucdavis.edu

UC Guide to Healthy Lawns:

www.imp.usdavis.edu/tools/turf

UC Home Orchard Information:

<http://homeorchard.ucdavis.edu/>

UC Vegetable and Research Information:

<http://vric.ucdavis.edu/>

City of Antioch • City of Concord • City of Pittsburg • City of Walnut Creek
Contra Costa Clean Water Program • East Bay Municipal Utility District
West Contra Costa Integrated Waste Management Authority

Jared Dillon

has met the requirements to become a

Qualified Bay-Friendly Landscape Maintenance Professional



Elisa Wilfong

Elisa Wilfong,
Contra Costa Clean Water Program

Debi Tidd

Debi Tidd,
Bay-Friendly Training Coordinator